The Open Group
COE Platform Certification Program
Chapter 5
Segment Installation Validation Procedure

Posix-Based Platform Compliance (PPC)

COE Kernel revision level 4.5p6

June 02, 2003

Revision 1.0

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1. Overview

1.1 Introduction

This chapter defines the Segment Installation Manual Validation Procedure and is part of the required set of test procedures to be used in the certification of products to The Open Brand COE Platform Product Standard[1].

2. Test Propose

2.1 Scope

This test procedure has been structured to cover the verification of proper segment installation by testing the features and functions of the Segment Installer and the Segment Installation Server. In addition the test segments suite supplied will validate that the Segment Installer will install segment types and segment descriptors correctly and consistent with the *COE I&RTS Sections 4.3,4.4 & 6*.

This test also assures that the Graphical User Interface (GUI) presented to the user for basic system operation is consistent across all compliant systems certified to the COE Platform Product Standard. This test assures that the operations invoked and exercised have identical results that are consistent across all compliant systems. The demonstration suite for the Segment Installer and Segment Installation Server uses segments that are supplied to the tester in Configuration Management (CM) MakeInstall format on both 8mm tape and CD. Tests listed below are designed to check the interoperability and integrity of the Segment Installer and Segment Installation Server with respect to both the commercial operating system and the COE environment.

2.2 Description of test items

Functionality that will be tested using the Segment Installation Validation Procedure is as follows:

A. **Pretest Setup**

B. **Verify Segment Installer Feature Availability**

C. **Local Devices Testing**

D. **Remote Device Testing**

E. **Test the Runtime Tools**

F. **Segment Type Tests**

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[1] See http://www.opengroup.org/openbrand/coe/

G. **Test the Process descriptor**

H. **Verify Segment Installer Will Process Conflicts descriptor**

I. **Verify Segment Installer Will Process Requires descriptor**

J. **Network Installation Server / Network Installation Server Testing - Verify Feature Availability**

K. **Local Devices Testing**

L. **Remote Device Testing**

M. **Network Installation Server / Network Installation Server Testing – Load Many Segments**

N. **Verify Segment Installer On the Candidate Platform (kpccp) Can Read Table Of Contents and Install Segments From the Network Installation Server / Network Installation Server**

O. **Verify Segment Installer On the Validation Host (kpchost) Can Read Table of Contents and Install Segments From the Network Installation Server / Network Installation Server**

P. **Network Installation Server / Network Installation Server Testing – Verify Segments Deinstall Correctly**

Q. **Network Installation Server / Network Installation Server Testing – Load Segment**

R. **Verify Segment Installer On The Candidate Platform (kpccp) Can Read Table of Contents and Install Segments From the Network Installation Server / Network Installation Server**

S. **Segment Installation Server / Network Installation Server Testing – Verify Segments De-install Correctly**

T. **Launch Segment Installer From the Command Line**

U. **Segment Installation Post Test Cleanup. Candidate Platform Cleanup**

V. **Segment Installation Post Test Cleanup. Validation Host Cleanup**

Z. **Log Out On the Candidate Platform (kpccp) and Validation Host (kpchost)**

Appendix A

ZZ. **Setup – Create Test Data Tape that includes segx**

2.3 Setup/Equipment Required

(1) Candidate Platform (kpccp) with internal hard drive, CD drive, tape drive and network interface.

(2) Validation Host (kpchost) with internal hard drive, CD drive, tape drive and network interface.

(3) The Validation Host (kpchost) is configured as the DNS name server for both the Candidate Platform (kpccp) and the Validation Host (kpchost).

2.4 Known Problems

There is a known problem with the way the Installer and Network Installation Server recalculate disk usage after certain installer functions. If the displayed values are wrong, they may be correctly recalculated by selecting and closing Reserved Space. The correct Available Disks and/or Reserved Space setting may need to be reselected.

2.5 Required Personnel

One (1) tester. The tester must be familiar with POSIX/UNIX application platforms, but need not be familiar with the Common Operating Environment (COE).

2.6 Change History

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3. Test Procedure Submission Form

Test Title: Segment Installer Validation Procedure

Candidate Platform: _____ Date: _____

Tester: _____ Estimated Runtime: 8 hours

Start Time: _____ End Time: _____ Actual Runtime: _____

Test Site/Organization: _____ Overall Test Result (Circle One): PASS / FAIL

Configuration Validated

Hardware Platform: _____ System Software: _____

Network Type: _____ Printer: _____

Local Devices (if any): _____

4. Test Procedure

Start of Validation Procedure

	Operator Action	Expected Result	Observed Result
A	4.1 Pretest Setup		
A.1	**Test Data Installation**		
A.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Login as `sysadmin`.	The desktop appears.	Startup
A.1.2	Insert the COE Kernel and Toolkit Source Code, Test Data, and Documentation for Version 4200P6 Version 1.0.0.0 CD-ROM into the CD-ROM drive.	The CD-ROM is inserted.	Startup
A.1.3	Select `Applications > Application Manager > DII_APPS.`	The `Application Manager` window appears.	Startup
A.1.4	Double-click `Segment Installer` in the `Application Manager - SysAdm` window.	The `Installer` window appears.	Setup
A.1.5	Click `Select Source`.	`Select Source` is selected.	Setup
A.1.6	Click `CD-ROM`.	`CD-ROM` is selected.	Setup
A.1.7	Click `TD42P6.tar`.	`TD42P6.tar` is selected.	Setup

	Operator Action	Expected Result	Observed Result
A.1.8	Click OK.	The Installer window reappears.	Setup
A.1.9	Click Read Contents.	The Installer window disappears while message boxes appear informing that the system is Checking media and then Read Contents in progress. The Installer window reappears with KPC Test Data for 4200P6 Version 1.0.0.0 listed under Select Software To Install.	Setup
A.1.10	Select the KPC Test Data for 4200P6 Version 1.0.0.0.	KPC Test Data for 4200P6 Version 1.0.0.0 is highlighted.	Setup
A.1.11	Click Install.	AN ENTER A PASSWORD dialog box appears.	Setup
A.1.12	Enter the APM Authentication key in the text box.	Asterisks appear in the text box.	Setup
A.1.13	Click OK.	The dialog box disappears. A RESPOND TO THE MESSAGE dialog box appears with the message Please insert CD Volume #1 for the segment 'KPC TEst Data for 4200P6! When you are ready press the OK button.	Setup

	Operator Action	Expected Result	Observed Result
A.1.14	Click `OK`.	The `Installer` window reappears.	Setup
A.1.15	Verify that `KPC Test Data for 4200P6` appears in the list under `Currently Installed Segments`.	`KPC Test Data for 4200P6` appears in the list under `Currently Installed Segments`.	Setup
A.1.16	Eject the `CD-ROM`.	The `CD-ROM` ejects.	Setup
A.1.17	Click `Exit`.	The `Installer` window disappears.	Setup
A.2	**Setup – Create Directories On the Candidate Platform (kpccp)**		
A.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Open a `Terminal` window.	A `Terminal` window appears with a command line prompt.	Startup
A.2.2	At the command prompt type `su` **NOTE:** Do not use the "`-`" option.	The `Password` prompt returns.	Startup
A.2.3	Enter the `root` password.	The command prompt returns.	Startup
A.2.4	At the command prompt type `csh`	The command prompt returns.	Startup

	Operator Action	Expected Result	Observed Result
A.2.5	At the command prompt type `cd /`	The command prompt returns.	Startup

A.2.6	At the command prompt type `df -k`
	NOTE: For The Segment Installation Validation Procedures Tests to run correctly, the following partitions must be mounted.
	`/h, /home1, /home2.`
		The following partitions are listed:
		`. . . /h`
		`. . . /home1`
		`. . . /home2`
			Setup

A.2.7	At the command prompt type `mkdir /kpchostdsk /kpchostcdrom`	The command prompt returns.	Setup
A.3	**Edit Local Hosts On the Candidate Platform (kpccp)**		
A.3.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Select `Applications > Application Manager > DII_APPS > SysAdm`.	The `Application Manager - SysAdm` window appears.	Setup
A.3.2	Double-click `Edit Local Hosts`.	The `Edit Hosts` window appears.	Setup
A.3.3	Click `Add`.	The `Add Machine` window appears.	Setup
A.3.4	In the `Add Machine` window, type: MACHINE NAME: `kpchost` MACHINE ADDRESS: `204.34.175.194`	Input is accepted.	Setup

	Operator Action	Expected Result	Observed Result
A.3.5	Click `OK`.	The `Add Machine` window disappears and the new `kpchost` host entry appears in the `Edit Hosts` window.	Setup
A.3.6	Click `Close`.	The `Edit Hosts` window disappears.	Setup
A.4	**Setup – Modify `/etc/inetd.conf` and `/.rhosts` To Enable rsh (Open Security For Remote Shell) On the Candidate Platform (kpccp)**		
A.4.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Terminal` window, at the command prompt type `vi /etc/inetd.conf`	The file `/etc/inetd.conf` is opened for editing.	Setup
A.4.2	Type `/#shell`	The vi editor will place the cursor on the line that contains: `#shell`	Setup
A.4.3	Type `x`	The vi editor will remove the # symbol. Note: There may be more than one line beginning with #shell. Remove the '#' for all occurences.	Setup
A.4.4	Type `:wq!`	The vi editor will write to and exit the file. The command prompt returns.	Setup

	Operator Action	Expected Result	Observed Result
A.4.5	At the command prompt type `ps –eaf | grep inetd`	Process information for `inetd` appears with the process ID in the second column.	Setup
A.4.6	At the command prompt type `kill –HUP` <pid> where <pid> is the process ID found in the previous step.	The command prompt returns.	Setup
A.4.7	In the `Terminal` window, at the command prompt type `vi /.rhosts`	The file /.`rhosts` is opened for editing.	Setup
A.4.8	Type x	The vi editor will removes the - symbol.	Setup
A.4.9	Type `i`	The vi editor enters Insert Mode.	Setup
A.4.10	Type `kpchost`	The vi editor inserts `kpchost` to the file.	Setup
A.4.11	Press `[esc]`	The vi editor exits Insert Mode.	Setup
A.4.12	Type `:wq!`	The vi editor will write to and exit the file. The command prompt returns.	Setup

	Operator Action	Expected Result	Observed Result
A.5	**Setup – Export** `/h/data/global` **and** `/home2` **Directories From the Candidate Platform (kpccp)**		
A.5.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Application Manager – SysAdm` window, double-click `Disk Manager`.	The `Disk Manager` window appears.	Setup
A.5.2	Select the row that contains the `/` partition in the `Mounted On` column.	The `row` is highlighted.	Setup
A.5.3	Click `Export FS`.	The `Export/Unexport File Systems` window appears.	Setup
A.5.4	In the `options` text box, type: `rw,root=kpchost`	`rw,root=kpchost` appears in the `options` text box.	Setup
A.5.5	In the `pathname` text box, type: `/h/data/global`	`/h/data/global` appears in the `pathname` text box.	Setup
A.5.6	Click `Export`.	A `Confirmation` window appears asking: `Export this directory permanently`?	Setup
A.5.7	Click `Yes`.	The `Confirmation` window disappears and control returns to the `Disk Manager` window.	Setup
A.5.8	Select the row that contains the `/home2` partition in the `Mounted On` column.	The `row` is highlighted.	Setup

	Operator Action	Expected Result	Observed Result
A.5.9	Click `Export FS`.	The `Export/Unexport File Systems` window appears.	Setup
A.5.10	In the `options` text box, type: `ro,root=kpchost`	`ro,root=kpchost` appears in the `options` text box.	Setup
A.5.11	In the `pathname` text box, verify `/home2` is present.	`/home2` appears in the `pathname` text box.	Setup
A.5.12	Click `Export`.	A `Confirmation` window appears asking: `Export this directory permanently`?	Setup
A.5.13	Click `Yes`.	The `Confirmation` window disappears and control returns to the `Disk Manager` window.	Setup

A.5.14	In the `Terminal` window, at the command prompt type
	`share`
		The following text is displayed:
		`/h/data/global rw,root=kpchost`
		`/home2 ro,root=kpchost`
			Setup

A.6	**Edit Local Hosts On the Validation Host (kpchost)**		
A.6.1	**NOTE:** Perform the following steps on the Validation Host (kpchost). Login as `sysadmin`.	The desktop appears.	Setup
A.6.2	Select `Applications > Application Manager > DII_APPS > SysAdm`.	The `Application Manager – SysAdm` window appears.	Setup

	Operator Action	Expected Result	Observed Result
A.6.3	Double click `Edit Local Hosts`.	The `Edit Hosts` window appears.	Setup
A.6.4	Click `Add`.	The `Add Machine` window appears.	Setup
A.6.5	In the `Add Machine` window type: MACHINE NAME: `kpccp` MACHINE ADDRESS: `204.34.175.195`	Input is accepted.	Setup
A.6.6	Click `OK`.	The `Add Machine` window disappears and the new `kpccp` host entry appears in the `Edit Hosts` window.	Setup
A.6.7	Click `Close`.	The `Edit Hosts` window disappears.	Setup
A.7	**Setup – Modify `/etc/inetd.conf` and `/.rhosts` To Enable rsh (Open Security For Remote Shell) On the Validation Host (kpchost)**		
A.7.1	**NOTE:** Perform the following steps on the Validation Host (kpchost). Open a `Terminal` window.	A `Terminal` window appears with a command line prompt.	Startup
A.7.2	At the command prompt type `su`	The `Password` prompt appears.	Startup
A.7.3	Enter the `root` password.	The command prompt returns.	Startup

	Operator Action	Expected Result	Observed Result
A.7.4	At the command prompt type `csh`	The command prompt returns.	Startup
A.7.5	At the command prompt type `vi /etc/inetd.conf`	The file `/etc/inetd.conf` is opened for editing.	Setup
A.7.6	At the command prompt type `/#shell`	The vi editor will place the cursor on the line that contains: `#shell`	Setup
A.7.7	At the command prompt type `x`	The vi editor will remove the # symbol.	Setup
A.7.8	At the command prompt type `:wq!`	The vi editor will write to and exit the file. The command prompt returns.	Setup
A.7.9	At the command prompt type `ps –eaf | grep inetd`	Process information for `inetd` appears with the process ID in the second column.	Setup
A.7.10	At the command prompt type `kill –HUP` <pid> where <pid> is the process ID found in the previous step.	The command prompt returns.	Setup
A.7.11	At the command prompt type `vi /.rhosts`	The file /.`rhosts` is opened for editing.	Setup
A.7.12	Type x	The vi editor will removes the – symbol.	Setup

	Operator Action	Expected Result	Observed Result
A.7.13	Type `i`	The vi editor enters Insert Mode.	Setup
A.7.14	Type `kpccp`	The vi editor inserts kpccp to the file.	Setup
A.7.15	Press `[esc]`	The vi editor exits Insert Mode.	Setup
A.7.16	Type `:wq!`	The vi editor will write to and exit the file. The command prompt returns.	Setup
A.8	**Setup – Export** `/kpc`**,** `/cdrom/kpc_4206`**, and** `/home2` **On the Validation Host (kpchost)**		
A.8.1	**NOTE:** Perform the following steps on the Validation Host (kpchost). Insert the `KPC Test Data` CD-ROM into the CD-ROM drive.	The CD-ROM is inserted.	Setup
A.8.2	In the `Application Manager – SysAdm` window, double-click `Disk Manager`.	The `Disk Manager` window appears.	Setup
A.8.3	Select the row that contains the `/` partition in the `Mounted On` column.	The `row` is highlighted.	Setup
A.8.4	Click `Export FS`.	The `Export/Unexport File Systems` window appears.	Setup
A.8.5	Type `ro=kpccp` in the `options` text box.	`ro=kpccp` appears in the `options` text box.	Setup

	Operator Action	Expected Result	Observed Result
A.8.6	In the pathname text box, type: /kpc	/kpc appears in the pathname text box.	Setup
A.8.7	Click Export.	A Confirmation window appears asking: Export this directory permanently?	Setup
A.8.8	Click Yes.	The Confirmation window disappears and control returns to the Disk Manager window.	Setup
A.8.9	Click Export FS.	The Export/Unexport File Systems window appears.	Setup
A.8.10	Type ro=kpccp in the options text box.	ro=kpccp appears in the options text box.	Setup
A.8.11	In the pathname text box, type: /cdrom/kpc_4206	/cdrom/kpc_4206 appears in the pathname text box.	Setup
A.8.12	Click Export.	A Confirmation window appears asking: Export this directory permanently?	Setup
A.8.13	Click Yes.	The Confirmation window disappears and control returns to the Disk Manager window.	Setup
A.8.14	Select the row that contains the /home2 partition in the Mounted On column.	The row is highlighted.	Setup

	Operator Action	Expected Result	Observed Result
A.8.15	Click `Export FS`.	The `Export/Unexport File Systems` window appears.	Setup
A.8.16	In the `options` text box, type: `ro,root=kpccp`	`ro,root=kpccp` appears in the text box.	Setup
A.8.17	In the `pathname` text box, verify `/home2` is present.	`/home2` appears in the `pathname` text box.	Setup
A.8.18	Click `Export`.	A `Confirmation` window appears asking: `Export this directory permanently`?	Setup
A.8.19	Click `Yes`.	The `Confirmation` window disappears and control returns to the `Disk Manager` window.	Setup

A.8.20	In the `Terminal` window, at the command prompt type
	`share`
		The following text is displayed:
		`/kpc ro=kpccp`
		`/cdrom/kpc_4206 ro=kpccp`
		`/home2 ro,root=kpccp`
			Setup

A.9	**Setup – Mount `/h/data/global` Directory From the Candidate Platform (kpccp) On the Validation Host (kpchost)**		
A.9.1	**NOTE:** Perform the following steps on the Validation Host (kpchost). In the `Disk Manager` window, click `Mount New`.	The `Mount File System` window appears.	Setup
A.9.2	In the `FILE SYSTEM` text box, type `kpccp:/h/data/global`	`kpccp:/h/data/global` appears in the text box.	Setup

	Operator Action	Expected Result	Observed Result
A.9.3	In the MOUNT POINT text box, type /h/data/global	/h/data/global appears in the text box.	Setup
A.9.4	Click MOUNT.	A Confirmation window asks: Mount the File System Permanently?	Setup
A.9.5	Click Yes.	The Confirmation window disappears and control returns to the Disk Manager window. kpccp:/h/data/global appears as a file system.	Setup
A.9.6	Click Exit.	The Disk Manager window disappears.	Setup
A.10	**Setup – Mount /kpc and /cdrom/kpc_4206 Directories From the Validation Host (kpchost) On the Candidate Platform (kpccp)**		
A.10.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the Disk Manager window, click Mount New.	The Mount File System window appears.	Setup
A.10.2	In the FILE SYSTEM text box, type kpchost:/kpc	kpchost:/kpc appears in the text box.	Setup
A.10.3	In the MOUNT POINT text box, type /kpchostdsk	/kpchostdsk appears in the text box.	Setup

	Operator Action	Expected Result	Observed Result
A.10.4	Click MOUNT.	A Confirmation window asks: Mount the File System Permanently?	Setup
A.10.5	Click Yes.	The Confirmation window disappears and control returns to the Disk Manager window. kpchost:/kpc appears as a file system.	Setup
A.10.6	Click Mount New.	The Mount File System window appears.	Setup
A.10.7	In the FILE SYSTEM text box, type kpchost:/cdrom/kpc_4206	kpchost:/cdrom/kpc_4206 appears in the text box.	Setup
A.10.8	In the MOUNT POINT text box, type /kpchostcdrom	/kpchostcdrom appears in the text box.	Setup
A.10.9	Click MOUNT .	A Confirmation window asks: Mount the File System Permanently?	Setup
A.10.10	Click Yes.	The Confirmation window disappears and control returns to the Disk Manager window. kpchost:/cdrom/kpc_4206 appears as a file system.	Setup
A.10.11	Click Exit.	The Disk Manager window disappears.	Setup

	Operator Action	Expected Result	Observed Result
A.11	**Setup – Eject the CD-ROM On the Validation Host (kpchost)**		
A.11.1	**NOTE:** Perform the following steps on the Validation Host (kpchost). In the `Terminal` window, at the command prompt, type `unshare /cdrom/kpc_4206`	The command prompt returns.	Setup

A.11.2	At the command prompt type
	`share`
		The following text is displayed:
		`/kpc ro=kpccp`
		`/home2 ro,root=kpccp`
			Setup

A.11.3	At the command prompt type `eject`	The CD-ROM is ejected.	Setup
B	4.2 Verify Segment Installer Feature Availability		
B.1	**Segment Installer - Main Window On the Candidate Platform (kpccp) and the Validation Host (kpchost)**		
B.1.1	**NOTE:** Perform the following steps on the Validation Host (kpchost) and Candidate Platform (kpccp). In the `Application Manager – SysAdm` window, double-click `Segment Installer`.	The `Installer` window appears.	Circle one: PASS / FAIL
B.1.2	Verify the `Installer` windows on each platform are similar.	Size, shape, color and textual information on the Candidate Platform is similar to the Validation Host.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

B.1.3	**NOTE:** Perform the following steps on the Candidate Platform (kpccp).
	Verify at the top of the screen, the following pull-down menus and their contents:
	`File`
	`Source`
	`Installed`
	`Contents`
	`Help` (Grayed Out)
	
	NOTE: Each of these Menu Items / Functions are duplicates of buttons on the main screen and either choice produces the same results.
		The menu items are present and contain:
		`File –` `Install`
		`Exit`
		`Source -` `Select Source`
		`Read Contents`
		`Installed –` `Release Notes`
		`Deinstall`
		`Software`
		`View Installation`
		`Log`
		`Contents -` `Release Notes`
		`Required Software`
		`Conflicting`
		`Software`
		`Help -` `(No Action)`
			Circle one: PASS / FAIL

B.1.4	Resize the `Installer` window.	The `Installer` window resizes both larger and smaller.	Circle one: PASS / FAIL
B.1.5	Minimize the `Installer` window by clicking the dot in the right corner of the title bar.	The `Installer` window iconifies to the top left corner of the screen.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.1.6	Restore the `Installer` window by double-clicking on the `Installer` icon.	The `Installer` window restores to its previous state.	Circle one: PASS / FAIL
B.1.7	Relocate the `Installer` window.	The `Installer` window relocates anywhere on the screen.	Circle one: PASS / FAIL
B.1.8	Double-click the upper left corner of the Installer window.	The `Installer` window disappears.	Circle one: PASS / FAIL
B.1.9	In the `Application Manager - SysAdm` window, double-click `Segment Installer`.	The `Installer` window appears.	Circle one: PASS / FAIL
B.2	**Source Area - Verify Buttons and Fields Are Present On the** Candidate Platform (kpccp)		

B.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp).
	Verify the following `Source` fields are present:
	`Host:`
	`Device:`
		All fields are present.	Circle one: PASS / FAIL

B.2.2	Verify the following buttons are present:
	`Select Source`
	`Read Contents`
		All buttons are present.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

B.2.3	Verify the information displayed in the `Source` field is correct:
	`Host: LOCAL kpccp`
	`Device: DAT`
		The display reflects the current configuration.	Circle one: PASS / FAIL

B.3	**Select Source - Verify the Functionality of the `Select Source` Window; Select Each Option On the** Candidate Platform (kpccp)		
B.3.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Source` field, click `Select Source`.	The `Select Source` window appears.	Circle one: PASS / FAIL

B.3.2	Verify the following radio buttons are present:
	`Host: Device:`
	`LOCAL DISK CD-ROM`
	`REMOTE DAT EXABYTE`
	`NETWORK OTHER`
		All radio buttons are present and LOCAL and DAT are selected.
		NOTE: Only certain combinations work.
		LOCAL - ALL (NETWORK doesn't care)
		REMOTE – DAT, EXABYTE, OTHER
		NOTE: DISK and CD-ROM are accessible from a remote device if shared and mounted.
			Circle one: PASS / FAIL

B.3.3	In the `Host` field, verify `LOCAL` is selected.	`LOCAL` is selected.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.3.4	In the `Device` field , select `DISK`.	The `Select File` window appears.	Circle one: PASS / FAIL

B.3.5	Verify the existence of the following four sections:
	`Filter`
	`Directories`
	`Files`
	`Selection`
		Each of these sections is present. The filtering section at the top can be used to find a particular file.	Circle one: PASS / FAIL

B.3.6	Verify the existence of four buttons at the bottom of the `Select File` window: `OK`, `Filter`, `Cancel`, `Help`	All buttons are present.	Circle one: PASS / FAIL
B.3.7	Click `Cancel`.	The `Select File` window disappears.	Circle one: PASS / FAIL
B.3.8	Click `OK`.	The `Select Source` window disappears and the `Installer` window reappears.	Circle one: PASS / FAIL

B.3.9	Verify the information presented in the following fields is correct:
	`Host: LOCAL kpccp`
	`Device: DISK`
		The display reflects the tester's selections.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.3.10	In the `Source` field, click `Select Source`.	The `Select Source` window appears.	Circle one: PASS / FAIL
B.3.11	In the `Host` field, verify `LOCAL` is selected.	`LOCAL` is selected.	Circle one: PASS / FAIL
B.3.12	In the `Device` field, select `CD-ROM`.	The `Select File` window appears.	Circle one: PASS / FAIL

B.3.13	Verify the existence of the following four sections:
	`Filter`
	`Directories`
	`Files`
	`Selection`
		Each of these sections is present. The filtering section at the top can be used to find a particular file.	Circle one: PASS / FAIL

B.3.14	Verify the existence of four buttons at the bottom of the `Select File` window: `OK`, `Filter`, `Cancel`, `Help`	All buttons are present.	Circle one: PASS / FAIL
B.3.15	Click `Cancel`.	The `Select File` window disappears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.3.16	In the `Device` field, select `EXABYTE`.	`EXABYTE` is selected.	Circle one: PASS / FAIL
B.3.17	In the `Device` field, select `OTHER`.	A text box appears for manually entering a device.	Circle one: PASS / FAIL
B.3.18	Enter the device path in the text box, e.g., `/dev/rmt/0mn`.	The device path appears in the text box.	Circle one: PASS / FAIL
B.3.19	Click `OK`.	The `Installer` window appears and the `Source` field displays: `Host: LOCAL kpccp` `Device:` <device path> where <device path> is the device file entered in the previous step, e.g., `/dev/rmt/0mn`	Circle one: PASS / FAIL
B.3.20	In the `Source` field, click `Select Source`.	The `Select Source` window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.3.21	In the `Device` field, click `DAT`.	`DAT` is selected.	Circle one: PASS / FAIL

B.3.22	Click `OK`.	The `Installer` window appears and the `Source` field displays:
		`Host: LOCAL kpccp`
		`Device: DAT`
			Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.4	**`Available Disks` Field Display On the Candidate Platform (kpccp)**		
B.4.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Verify the `Available Disks` field displays the following columns: `Disk Actual Available Selected Reserved` Verify the button `Reserved Space` appears (grayed out).	Disk Actual Available Selected Reserved /h /home1 8.56MB 6.85MB 0.0 MB 1.71MB /home2 [`Reserved Space ]` **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration.	Circle one: PASS / FAIL
B.5	**Available Disks - Reserved Space - Override Disk Space Allocation Window On the Candidate Platform (kpccp)**		
B.5.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Select partition `/home1` from the `Available Disks` field.	`/home1` is highlighted.	Circle one: PASS / FAIL
B.5.2	In the `Available Disks` field, click `Reserved Space`.	An `Override Disk Space Allocation` window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.5.3	Verify the default value of `Override Disk Space Limits`.	The default value is set to `80%`.	Circle one: PASS / FAIL

B.5.4	Click on the `Override Disk Space Limits` button to show the pull-down menu.	The `Override Disk Space Limits` are:
		`80%` (selected by default)
		`90%`
		`95%`
		`99%`
			Circle one: PASS / FAIL

B.5.5	Select `90%`.	The `Override Disk Space Limits` selection changes to `90%`.	Circle one: PASS / FAIL
B.5.6	Verify the `Clear and Set to Default` box is not selected.	The `Clear and Set to Default` box is not selected.	Circle one: PASS / FAIL
B.5.7	Select and deselect the `Clear and Set to Default` box.	The box toggles on and off.	Circle one: PASS / FAIL
B.5.8	Click `Cancel`.	The `Override Disk Space Allocation` window disappears and the Disk values remain unchanged.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.5.9	In the `Available Disks` field, click `Reserved Space`.	The `Override Disk Space Allocation` window appears.	Circle one: PASS / FAIL
B.5.10	Click on the `Override Disk Space Limits` button to show the pull-down menu.	The `Override Disk Space Limits` pull-down menu appears.	Circle one: PASS / FAIL
B.5.11	Select `99%`.	The `Override Disk Space Limits` selection changes to `99%`.	Circle one: PASS / FAIL
B.5.12	Click `OK`.	The `Available Disks` field displays the following approximate values: Disk Actual Available Selected Reserved /home1 8.56MB 8.48MB 0.0 MB 0.09MB **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration.	Circle one: PASS / FAIL
B.5.13	In the `Available Disks` field, click `Reserved Space`.	The `Override Disk Space Allocation` window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.5.14	Verify the `Override Disk Space Limits` selection is returned to 80%.	The `Override Disk Space Limits` selection is returned to 80%.	Circle one: PASS / FAIL
B.5.15	Click `OK`.	The `Available Disks` field displays the following approximate values: Disk Actual Available Selected Reserved /home1 8.56MB 6.80MB 0.0 MB 1.71MB **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.6	**Available Disks - Verify the Information Presented for Actual Disk Size Is Correct On the Candidate Platform (kpccp)**		
B.6.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the Terminal window, at the command prompt type `df -k`	The `/home1` disk space information is listed as follows: Kbytes used available Mounted on 9751 61 8715 /home1 **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration.	Circle one: PASS / FAIL
B.6.2	To verify the disk space values shown in the `Available Disks` field, `/home1`, perform the following calculations: Actual = avail(df -k) / 1024 Reserved = kbytes(df -k) * .9 * .2 / 1024 Available = Actual - Reserved	Results are within 10 K of the values listed in the `Available Disks` field. The values listed in the `Installer` window concur. Actual = 8.56MB Reserved = 1.71MB Available = 8.56 – 1.71 = 6.80MB	Circle one: PASS / FAIL Actual:_____ Reserved:_____ Available:_____
B.6.3	In the `Installer` window, select `/home1` in the `Available Disks` field.	`/home1` is highlighted.	Circle one: PASS / FAIL
B.6.4	In the `Source` field, click `Select Source`.	The `Select Source` window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.6.5	In the `Device` field, select `DISK`.	The `Select File` window appears.	Circle one: PASS / FAIL
B.6.6	In the `Filter` text box type `/kpc/si/* [r]`	`/kpc/si/*` appears in the text box.	Circle one: PASS / FAIL
B.6.7	In the `Files` field, double-click `bigseg.tar`.	The `Select File` window disappears and the `Installer` window reappears.	Circle one: PASS / FAIL
B.6.8	Click `Read Contents`.	The `Installer` window returns with `Big Test Segment` appearing in the `Select Software To Install` field.	Circle one: PASS / FAIL
B.6.9	Select `Big Test Segment` in the `Select Software To Install` field.	`Big Test Segment` is highlighted and the `Disk` column in the `Select Software To Install` field displays `/home1`. If it doesn't, deselect the segment and reselect it. The `Selected` column in the `Available Disks` field changes from 0.00MB to 0.10MB.	Circle one: PASS / FAIL
B.6.10	At the bottom of the `Installer` window, click `Install`.	An `ENTER A PASSWORD` dialog box appears asking for the Master APM Authentication key.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.6.11	Enter the Master APM Authentication key in the text box.	Asterisks appear in the text box.	Circle one: PASS / FAIL
B.6.12	Click `OK`.	`Big Test Segment` installs correctly and is preceded by an * in the `Select Software To Install` field. `Big Test Segment` appears in the `Currently Installed Segments` field.	Circle one: PASS / FAIL
B.6.13	In the `Available Disks` field, verify the `/home1` partition values have changed.	The `Available Disks` field displays the following approximate values: Disk Actual Available Selected Reserved /home1 8.46MB 6.70MB 0.0 MB 1.71MB **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration. **NOTE:** See Known Problems 1 in the preamble of this procedure.	Circle one: PASS / FAIL
B.6.14	In the `Currently Installed Segments` field, select `Big Test Segment`.	`Big Test Segment` is highlighted.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

B.6.15	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box appears with the message:
		`Do you really want to remove the segments?`
		`Big Test Segment`
			Circle one: PASS / FAIL

B.6.16	Click `Yes`.	`Big Test Segment` deinstalls correctly and is no longer preceded by an * in the `Select Software To Install` field. `Big Test Segment` no longer appears in the `Currently Installed Segments` field.	Circle one: PASS / FAIL
B.7	**Available Disks - Reserve Space 99% – Verify Segment Installation On the Candidate Platform (kpccp)**		
B.7.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Terminal` window, at the command prompt type `cd /home1`	The command prompt returns.	Setup
B.7.2	At the command prompt type `mkfile 4m fillspace` **NOTE:** This method is OS specific. Use the relevant method on the OS being tested and note it in the Observed Result column.	The command prompt returns.	Setup

	Operator Action	Expected Result	Observed Result
B.7.3	In the `Available Disks` field select `/home1`.	`/home1` is highlighted.	Circle one: PASS / FAIL
B.7.4	In the `Available Disks` field, click `Reserved Space`.	The `Override Disk Space Allocation` window appears.	Circle one: PASS / FAIL
B.7.5	Change the `Override Disk Space Limits` value from `80%` to `99%`.	The `99%` toggle is selected.	Circle one: PASS / FAIL
B.7.6	Click `OK`.	The `Available Disks` field displays the following approximate values: Disk Actual Available Selected Reserved /home1 4.55MB 4.47MB 0.0 MB 0.09MB **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration. **NOTE:** See Known Problems 1 in the preamble of this procedure.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.7.7	In the `Select Software To Install` field, select `Big Test Segment`.	`Big Test Segment` is highlighted and the `Disk` column in the `Select Software To Install` field displays `/home1`. If it doesn't, deselect the segment and reselect it. The `Selected` field in the `Available Disks` field changes from 0.0MB to 0.10MB.	Circle one: PASS / FAIL
B.7.8	At the bottom of the `Installer` window, select `Install`.	`Big Test Segment` installs correctly and is preceded by an * in the `Select Software To Install` field. `Big Test Segment` appears in the `Currently Installed Segments` field.	Circle one: PASS / FAIL
B.7.9	In the `Available Disks` field verify the `/home1` partition values have changed.	The `Available Disks` field displays the following approximate values: Disk Actual Available Selected Reserved /home1 4.45MB 4.37MB 0.0 MB 0.09MB **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration. **NOTE:** See Known Problems 1 in the preamble of this procedure.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.7.10	In the Currently Installed Segments window select Big Test Segment.	Big Test Segment is highlighted.	Circle one: PASS / FAIL
B.7.11	Click Deinstall Software.	A Respond to the Question dialog box appears with the message: Do you really want to remove the segments? Big Test Segment	Circle one: PASS / FAIL
B.7.12	Click Yes.	Big Test Segment deinstalls correctly and is no longer preceded by an * in the Select Software To Install field. Big Test Segment no longer appears in the Currently Installed Segments field.	Circle one: PASS / FAIL
B.8	**Available Disks - No Space – Verify Segment Installation Roll Over on the Candidate Platform (kpccp)**		
B.8.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the Available Disks field select /home1.	/home1 is highlighted.	Circle one: PASS / FAIL
B.8.2	In the Available Disks field click Reserved Space.	The Override Disk Space Allocation window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.8.3	Click OK.	The Available Disks field displays the following approximate values: Disk Actual Available Selected Reserved /home1 4.55MB 2.84MB 0.0 MB 1.71MB **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration.	Circle one: PASS / FAIL
B.8.4	Select Big Test Segment in the Select Software To Install field.	Big Test Segment is highlighted and the Disk column in the Select Software To Install field displays /home1. If it doesn't, deselect the segment and reselect it. A Warning window appears stating that available disk space is not enough and the disk will be switched to next available disk.	Circle one: PASS / FAIL
B.8.5	Click OK in the Warning window.	The Warning window disappears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.8.6	At the bottom of the `Installer` window click `Install`.	`Big Test Segment` installs correctly and is preceded by an * in the `Select Software To Install` field. `Big Test Segment` appears in the `Currently Installed Segments` window.	Circle one: PASS / FAIL
B.8.7	In the `Available Disks` field verify `/home1` values have remained the same and the segment installed on `/h` (or the first available disk partition).	The `Available Disks` field displays the following approximate values: Disk Actual Available Selected Reserved /home1 4.45MB 2.79MB 0.00 MB 1.71MB **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration. **NOTE:** See Known Problems 1 in the preamble of this procedure.	Circle one: PASS / FAIL
B.8.8	In the `Currently Installed Segments` window select `Big Test Segment`.	`Big Test Segment` is highlighted.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

B.8.9	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box appears with the message:
		`Do you really want to remove the segments?`
		`Big Test Segment`
			Circle one: PASS / FAIL

B.8.10	Click `Yes`.	`Big Test Segment` deinstalls correctly.	Circle one: PASS / FAIL
B.8.11	Click `Exit`.	The `Installer` window disappears.	Circle one: PASS / FAIL
B.9	**Available Disks - No Space – Verify Segment Installation Failure On the Candidate Platform (kpccp)**		
B.9.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Terminal` window at the command prompt type `cd /`	The command prompt returns.	Setup
B.9.2	At the command prompt type `mv /home2 /newhome2`	The command prompt returns.	Setup

	Operator Action	Expected Result	Observed Result
B.9.3	At the command prompt type `mkfile 950m /h/fillspace` **NOTE:** This method is OS specific. Use the relevant method on the OS being tested and note it in the Observed Result column. **NOTE:** The file size parameter may vary, depending on the size of the `/h` partition. Create a file large enough to fill the `/h` partition up to at least 85%.	**NOTE:** The command may take a few moments to complete. The command prompt returns.	Setup
B.9.4	In the `Application Manager – SysAdm` window, double-click `Segment Installer`.	The `Installer` window appears.	Circle one: PASS / FAIL
B.9.5	Click `Select Source` in the `Source` field.	The `Select Source` window appears.	Circle one: PASS / FAIL
B.9.6	In the `Device` field, click `DISK`.	The `Select File` window appears.	Circle one: PASS / FAIL
B.9.7	In the `Filter` text box type `/kpc/si/* [r]`	`/kpc/si/*` appears in the text box.	Circle one: PASS / FAIL
B.9.8	In the `Files` field, double-click `bigseg.tar`	The `Installer` window reappears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
B.9.9	In the `Available Disks` field, select `/home1`.	`/home1` is highlighted.	Circle one: PASS / FAIL
B.9.10	In the `Source` field click `Read Contents`.	The `Installer` window reappears with `Big Test Segment` under the `Select Software To Install` field.	Circle one: PASS / FAIL
B.9.11	Select `Big Test Segment` in the `Select Software to Install` field.	A `Warning` window appears stating that available disk space is not enough. You may increase the available disk space using the Reserved Space Override.	Circle one: PASS / FAIL
B.9.12	Click `OK`.	The `Warning` window disappears. Control returns to the `Installer` window.	Circle one: PASS / FAIL
B.9.13	In the Terminal window, at the command prompt type `cd /`	The command prompt returns.	Cleanup
B.9.14	At the command prompt type `mv /newhome2 /home2`	The command prompt returns.	Cleanup
B.9.15	At the command prompt type `rm /h/fillspace /home1/fillspace`	The command prompt returns.	Cleanup

	Operator Action	Expected Result	Observed Result
C	4.3 Local Devices Testing		
C.1	**Verify `Segment Installer` Can Read Table Of Contents and Install Segments From A Local Tape Drive (DAT) On the Candidate Platform (kpccp)**		
C.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Installer` window, click `Select Source` in the `Source` field.	The `Select Source` window appears.	Circle one: PASS / FAIL
C.1.2	In the `Host` field, verify `LOCAL` is selected.	`LOCAL` is selected.	Circle one: PASS / FAIL
C.1.3	In the `Device` field, select `DAT`.	`DAT` is selected.	Circle one: PASS / FAIL

C.1.4	Select `OK`.	The `Installer` window reappears and the `Source` field displays:
		`Host: LOCAL kpccp`
		`Device: DAT`
			Circle one: PASS / FAIL

C.1.5	Insert the `Test Segment segx` tape into the local device. **Note:** Refer to Step ZZ. Appendix A for instructions on creating the `segx` tape.	The tape drive initializes properly.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
C.1.6	In the `Source` field, click `Read Contents`.	The `Installer` reads the Table of Contents. When complete, the `Installer` displays `Test Segment segx` in the `Select Software To Install` field.	Circle one: PASS / FAIL
C.1.7	In the `Available Disks` field, select `/h`.	`/h` is highlighted.	Circle one: PASS / FAIL
C.1.8	Select `Test Segment segx`.	`Test Segment segx` is highlighted and the `Disk` column in the `Select Software To Install` field displays `/h`. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
C.1.9	Click `Install`.	The `Segment Installer` prompts for the master APM authentication key.	Circle one: PASS / FAIL
C.1.10	Enter the Master APM Authentication key in the field provided.	Asterisks appear in the text box.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
C.1.11	Click `OK`.	`Test Segment segx` installs accordingly under `/h`. Once installed, it appears under the `Select Software To Install` field marked by an asterisk and is listed under the `Currently Installed Segments` field.	Circle one: PASS / FAIL
C.2	**Verify Segment Installs and Deinstalls Correctly On the Candidate Platform (kpccp)**		
C.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). On the `Installer` menu bar, select `Installed > View Installation Log`.	The `Install Log` window appears.	Circle one: PASS / FAIL
C.2.2	Verify the segment installed correctly.	The `Install Log` indicates: `Segment (Test Segment segx) successfully installed`.	Circle one: PASS / FAIL
C.2.3	Click `OK`.	The `Install Log` window disappears.	Circle one: PASS / FAIL
C.2.4	In the `Terminal` window, at the command prompt, type `ls /h/segx`	The contents of the directory is listed with `Integ`, `Scripts`, `SegDescrip`, `bin`, and `data` subdirectories.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
C.2.5	In the `Installer` window, verify `Test Segment segx` is listed under `Currently Installed Segments`.	`Test Segment segx` is listed.	Circle one: PASS / FAIL
C.2.6	Under `Currently Installed Segments` select `Test Segment segx`.	`Test Segment segx` is highlighted.	Circle one: PASS / FAIL

C.2.7	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`Test Segment segx`
			Circle one: PASS / FAIL

C.2.8	Click `Yes`.	`Test Segment segx` deinstalls correctly and is no longer preceded by an * in the `Select Software To Install` field. `Test Segment segx` no longer appears in the `Currently Installed Segments` field.	Circle one: PASS / FAIL
C.2.9	On the `Installer` menu bar, select `Installed > View Installation Log`.	The `Install Log` window indicates: `Segment (Test Segment segx) successfully de-installed.`	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
C.2.10	Click `OK`.	The `Install Log` window disappears.	Circle one: PASS / FAIL
C.3	**Verify Window Name and Functionality Of Currently Installed Release Notes On the Candidate Platform (kpccp)**		
C.3.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Select `Release Notes` below `Select Software To Install`. (currently grayed out).	The `Release Notes` window does not open.	Circle one: PASS / FAIL
C.3.2	Select `Test Segment segx` from the `Select Software To Install` field.	`Test Segment segx` is highlighted.	Circle one: PASS / FAIL

C.3.3	Click `Release Notes`.	The `RELEASE NOTES` window appears with the following header fields:
		`Name: Test Segment segx`
		`Version: 1.2.3.4`
		`This segment is used when testing Segment Installer.`
			Circle one: PASS / FAIL

C.3.4	Click `OK`.	The `RELEASE NOTES` window disappears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

C.3.5	In the `Select Software To Install` field, click `Requires`.	The `REQUIRED SEGMENTS` window appears with the following header fields:
		`NAME: Test Segment segx`
		`VERSION: 1.2.3.4`
		`NAME`
		`VERSION`
		`COE Component Parent`
		`4.0.0.0`
			Circle one: PASS / FAIL

C.3.6	Click `OK`.	The `REQUIRED SEGMENTS` window disappears.	Circle one: PASS / FAIL

C.3.7	In the `Select Software To Install` field, click `Conflicts`.	The `CONFLICTING SEGMENTS` window appears with the following header fields:
		`NAME: Test Segment segx`
		`VERSION: 1.2.3.4`
		`NAME`
		`VERSION Dummy Conflict`
		`Segment (blank)`
			Circle one: PASS / FAIL

C.3.8	Click `OK`.	The `CONFLICTING SEGMENTS` window disappears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
C.4	**Install A Segment To An Alternate** Location On **the Candidate Platform (kpccp)**		
C.4.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Available Disks` field, select `/home1`.	`/home1` is highlighted.	Circle one: PASS / FAIL
C.4.2	In the `Select Software to Install field`, deselect and reselect `Test Segment segx`.	The disk listed under the `Disk` column changes to `/home1` under `Select Software To Install`.	Circle one: PASS / FAIL
C.4.3	Click `Install`.	`Test Segment segx` installs accordingly under `/home1`. Once installed, it appears under `Select Software To Install` marked by an asterisk and is listed under `Currently Installed Segments`.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
C.5	**Verify Successful Installation Of `Test Segment segx` On the Alternate Location On the Candidate Platform (kpccp)**		
C.5.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Terminal` window, at the command prompt type `ls -la /home1`	The contents of the directory `/home1` is listed with `segx` as a subdirectory.	Circle one: PASS / FAIL
C.5.2	Type `ls -la /h` and verify that the softlink `segx –> /home1/segx` is listed.	The softlink `segx –> /home1/segx` is listed.	Circle one: PASS / FAIL
C.5.3	In the `Installer` window select `Test Segment segx` in the `Currently Installed Segments` field.	`Test Segment segx` is highlighted.	Circle one: PASS / FAIL

C.5.4	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`Test Segment segx`
			Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
C.5.5	Click `Yes`.	`Test Segment segx` deinstalls correctly and is no longer preceded by an * in the `Select Software To Install` field. `Test Segment segx` no longer appears in the `Currently Installed Segments` field.	Circle one: PASS / FAIL
C.5.6	In a `Terminal` window, type `ls -l /home1`	There is no `segx` directory listed.	Circle one: PASS / FAIL
C.6	**Verify Segment Installer Can Read Table Of Contents and Install Segments From A Local CD-ROM Drive On the Candidate Platform (kpccp)**		
C.6.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Insert the `KPC Test Data` CD-ROM into the CD-ROM drive.	The CD-ROM is inserted.	Circle one: PASS / FAIL
C.6.2	In the `Installer` window, click `Select Source` in the `Source` field.	The `Select Source` window appears.	Circle one: PASS / FAIL
C.6.3	In the `Device` field, select `CD-ROM`.	The `Select File` window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
C.6.4	Enter the following in the `Selection` text box: `/cdrom/kpc_4206/segx.tar`	`/cdrom/kpc_4206/segx.tar` appears in the text box.	Circle one: PASS / FAIL
C.6.5	Click `OK`.	The `Installer` window reappears.	Circle one: PASS / FAIL
C.6.6	In the `Source` field, click `Read Contents`.	The `Installer` reads the Table of Contents. When complete, the `Installer` displays the `Select Software To Install` field.	Circle one: PASS / FAIL
C.6.7	In the `Available Disks` field, verify `/home1` is selected.	`/home1` is highlighted.	Circle one: PASS / FAIL
C.6.8	In the `Select Software To Install` field, select `Test Segment segx`.	`Test Segment segx` is highlighted and the `Disk` column in the `Select Software To Install` field displays `/home1`. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

C.6.9	Click `Install`.	The following message appears:
		`Please Insert CD Volume #1 for the segment 'Test Segment segx'.`
		`When you are ready press the OK button.`
			Circle one: PASS / FAIL

C.6.10	Click `OK`.	`Test Segment segx` installs accordingly under `/home1`. Once installed, it appears under `Select Software To Install` marked by an asterisk and is listed under `Currently Installed Segments`.	Circle one: PASS / FAIL
C.7	**Verify Segment Installs and Deinstalls Correctly On the Candidate Platform (kpccp)**		
C.7.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). On the `Installer` menu bar, select `Installed > View Installation Log`.	The `Install Log` window appears.	Circle one: PASS / FAIL
C.7.2	Verify the segment installed correctly.	The `Install Log` indicates: `Segment (Test Segment segx) successfully installed.`	Circle one: PASS / FAIL
C.7.3	Click `OK`.	The `Install Log` window disappears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
C.7.4	At the command prompt type `ls –la /home1/segx`	The directory `segx` is listed with `Integ`, `Scripts`, `SegDescrip`, `bin`, and `data` subdirectories.	Circle one: PASS / FAIL
C.7.5	In the `Installer` window, verify `Test Segment segx` is listed under `Currently Installed Segments`.	The segment is listed.	Circle one: PASS / FAIL
C.7.6	In the `Currently Installed Segments` field, select `Test Segment segx`.	`Test Segment segx` is highlighted.	Circle one: PASS / FAIL

C.7.7	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`Test Segment segx`
			Circle one: PASS / FAIL

C.7.8	Click `Yes`.	The segment deinstalls and is not listed under `Currently Installed Segments`.	Circle one: PASS / FAIL
C.7.9	On the `Installer` menu bar, select `Installed > View Installation Log`.	The `Install Log` window indicates: `Segment (Test Segment segx) successfully de-installed.`	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
C.7.10	Click OK.	The Install Log window disappears.	Circle one: PASS / FAIL
C.7.11	At the command prompt type eject	The CD-ROM is ejected.	Circle one: PASS / FAIL
C.8	**Verify Segment Installer Can Read Table Of Contents and Install Segments From A Local Other Device On the Candidate Platform (kpccp)**		
C.8.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the Installer window, click Select Source in the Source field.	The Select Source window appears.	Circle one: PASS / FAIL
C.8.2	In the Device field, click OTHER.	OTHER is selected. A text box appears for manually entering a device path.	Circle one: PASS / FAIL
C.8.3	In the OTHER text box, enter the device path of the local tape drive: e.g. /dev/rmt/0mn	The text box accepts user input.	Circle one: PASS / FAIL
C.8.4	Click OK.	The Installer window reappears with correct information in the Source field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
C.8.5	Ensure the `segx` test tape is loaded in the local tape drive.	The tape is loaded.	Setup
C.8.6	In the `Source` field, click `Read Contents`.	The `Installer` reads the Table of Contents. When complete, The `Installer` displays the `Select Software To Install` field.	Circle one: PASS / FAIL
C.8.7	In the `Select Software To Install` field, select `Test Segment segx`.	`Test Segment segx` is highlighted and the `Disk` column in the `Select Software To Install` field displays `/home1`. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
C.8.8	Click `Install`.	`Test Segment segx` installs accordingly under `/home1`. Once installed, it appears under `Select Software To Install` marked by an asterisk and is listed under `Currently Installed Segments` field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
C.9	**Verify Segment Installs and Deinstalls Correctly On the Candidate Platform (kpccp)**		
C.9.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). On the `Installer` menu bar, select `Installed > View Installation Log`.	The `Install Log` window appears.	Circle one: PASS / FAIL
C.9.2	Verify the segment installed correctly.	The `Install Log` indicates: `Segment (Test Segment segx) successfully installed`.	Circle one: PASS / FAIL
C.9.3	Click `OK`.	The `Install Log` window disappears.	Circle one: PASS / FAIL
C.9.4	At the command prompt type `ls –la /home1/segx`	The directory `segx` is listed with `Integ`, `Scripts`, `SegDescrip`, `bin`, and `data` subdirectories.	Circle one: PASS / FAIL
C.9.5	In the `Installer` window, verify `Test Segment segx` is listed under `Currently Installed Segments`.	`Test Segment segx` is listed.	Circle one: PASS / FAIL
C.9.6	In the `Currently Installed Segments` field, select `Test Segment segx`.	`Test Segment segx` is highlighted.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

C.9.7	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`Test Segment segx`
			Circle one: PASS / FAIL

C.9.8	Click `Yes`.	The segment deinstalls and is not listed under `Currently Installed Segments`.	Circle one: PASS / FAIL
C.9.9	On the `Installer` menu bar, select `Installed > View Installation Log`.	The `Install Log` window indicates: `Segment (Test Segment segx) successfully de-installed.`	Circle one: PASS / FAIL
C.9.10	Click `OK`.	The `Install Log` window disappears.	Circle one: PASS / FAIL
C.9.11	In a `Terminal` window, type `ls -l /home1`	There is no `segx` directory listed.	Circle one: PASS / FAIL
C.9.12	At the command prompt type `mt rewoffl`	The tape is ejected.	Setup

	Operator Action	Expected Result	Observed Result
C.10	**Verify Segments Can Be Read and Install Segments From A Local Tape Drive (Select Source - EXABYTE) Optional test if vendor supports Exabyte drives**		
D	4.4 Remote Testing		
D.1	**Verify Segments Can Be Read, Installed and De-installed From A Remote Tape Device (DAT) On the Candidate Platform (kpccp)**		
D.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Installer` window, click `Select Source` in the `Source` field.	The `Select Source` window appears.	Circle one: PASS / FAIL
D.1.2	In the `Host` field, select `REMOTE`.	`REMOTE` is selected and a `NAME` text box appears.	Circle one: PASS / FAIL
D.1.3	Type `kpchost` in the `NAME` text box.	`kpchost` appears in the `NAME` text box.	Circle one: PASS / FAIL
D.1.4	In the `Device` field, select `DAT`.	`DAT` is selected.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
D.1.5	Click OK.	The Select Source window disappears. In the Source window of the Installer, the Host: entry says REMOTE and the correct machine name. Also the Device: entry selects the tape device you are using.	Circle one: PASS / FAIL
D.1.6	Insert the Test Segment segx tape into kpchost's tape drive.	The tape drive initializes properly.	Circle one: PASS / FAIL
D.1.7	In the Source field, click Read Contents.	The Installer reads the Table of Contents. When complete, The Installer displays the Select Software To Install field.	Circle one: PASS / FAIL
D.1.8	In the Select Software To Install window, select Test Segment segx.	Test Segment segx is highlighted and the Disk column in the Select Software To Install field displays /home1. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
D.1.9	Click Install.	The segment installs under /home1.	Circle one: PASS / FAIL
D.1.10	In the Currently Installed Segments field, select Test Segment segx.	Test Segment segx is highlighted.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

D.1.11	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`Test Segment segx`
			Circle one: PASS / FAIL

D.1.12	Click `Yes`.	The segment deinstalls and is not listed under `Currently Installed Segments`.	Circle one: PASS / FAIL
D.2	**Verify Segments Can Be Read, Installed and De-installed From A Remote OTHER Device On the Candidate Platform (kpccp)**		
D.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Installer` window, click `Select Source`, in the `Source` field.	The `Select Source` window appears.	Circle one: PASS / FAIL
D.2.2	In the `Host` field verify that `REMOTE` is selected.	`REMOTE` is selected.	Circle one: PASS / FAIL
D.2.3	In the `Device` field, click `OTHER`.	A text box appears to the right of the `OTHER` device selection.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
D.2.4	In the OTHER text box, enter the appropriate device path for the remote tape drive, e.g., /dev/rmt/0mn.	/dev/rmt/0mn appears in the text box.	Circle one: PASS / FAIL
D.2.5	Click OK.	The Select Source window disappears. In the Source window of the Installer, the Host: entry says REMOTE and the correct machine name. Also the Device: entry displays the other device path.	Circle one: PASS / FAIL
D.2.6	Ensure the segx test tape is loaded in the local tape drive.	The tape is loaded.	Setup
D.2.7	Under Source, Click Read Contents.	The Installer window returns with a Select Software To Install field.	Circle one: PASS / FAIL
D.2.8	Select Test Segment segx.	Test Segment segx is highlighted and the Disk column in the Select Software To Install field displays /home1. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
D.2.9	Click Install.	The segment installs under /home1.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
D.2.10	In the `Currently Installed Segments` field, select `Test Segment segx`.	`Test Segment segx` is highlighted.	Circle one: PASS / FAIL

D.2.11	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`Test Segment segx`
			Circle one: PASS / FAIL

D.2.12	Click `Yes`.	The segment deinstalls and is not listed under `Currently Installed Segments`.	Circle one: PASS / FAIL
D.2.13	**NOTE:** Perform the following step on the Validation Host (kpchost). At the command prompt type `mt rewoffl`	The tape is ejected.	Setup

	Operator Action	Expected Result	Observed Result
D.3	**Verify Segments Can Be Read, Installed and De-installed From A Remote DISK Drive On the Candidate Platform (kpccp)**		
D.3.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Installer` window, click `Select Source`, in the `Source` field.	The `Select Source` window appears.	Circle one: PASS / FAIL
D.3.2	In the `Host` field verify that `REMOTE` is selected.	`REMOTE` is selected.	Circle one: PASS / FAIL
D.3.3	In the `Device` field, click `DISK`.	The `Select File` window appears.	Circle one: PASS / FAIL
D.3.4	In the `Filter` text box type: `/kpchostdsk/si/* [r]`	`/kpchostdsk/si/*` appears in the text box.	Circle one: PASS / FAIL
D.3.5	In the `Files` field double-click `bigseg.tar`.	The `Select File` window disappears. The `Installer` window reappears.	Circle one: PASS / FAIL
D.3.6	Click `Read Contents`.	The `Installer` window returns with `Big Test Segment` appearing in the `Select Software To Install` field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
D.3.7	Select `Big Test Segment` in the `Select Software To Install` field.	`Big Test Segment` is highlighted and the `Disk` column in the `Select Software To Install` field displays `/home1`. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
D.3.8	At the bottom of the `Installer` window select `Install`.	`Test Segment segx` installs accordingly under `/home1`. Once installed, it appears under `Select Software To Install` marked by an asterisk and is listed under `Currently Installed Segments` field.	Circle one: PASS / FAIL
D.3.9	In the `Currently Installed Segments` field select `Big Test Segment`.	`Big Test Segment` is highlighted.	Circle one: PASS / FAIL

D.3.10	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box appears with the message:
		`Do you really want to remove the segments?`
		`Big Test Segment`
			Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
D.3.11	Click `Yes`.	`Big Test Segment` deinstalls correctly.	Circle one: PASS / FAIL
D.4	**Resume the Export Of the CD-ROM Drive (Share the Root Directory Of the Installed CD) On the Validation Hosts (kpchost)**		
D.4.1	**NOTE:** Perform the following steps on the Validation host (kpchost). Insert the `KPC Test Data` CD-ROM into the CD-ROM drive.	The CD-ROM is inserted.	Setup
D.4.2	In the `Terminal` window, at the command prompt type `share -o ro=kpccp /cdrom/kpc_4206`	The command prompt returns.	Setup

D.4.3	At the command prompt type
	`share`
		The following text is displayed:
		`/kpc ro=kpccp`
		`/home2 ro,root=kpccp`
		`/cdrom/kpc_4206 ro=kpccp`
			Setup

	Operator Action	Expected Result	Observed Result
D.5	**Verify Segments Can Be read and Installed From A Remote CD-ROM Drive (Share and Mount the Root Directory Of the Installed CD) On the Candidate Platform (kpccp)**		
D.5.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Installer` window, click `Select Source`, in the `Source` field.	The `Select Source` window appears.	Setup
D.5.2	In the `Host` field SELECT `REMOTE`.	`REMOTE` is selected.	Circle one: PASS / FAIL
D.5.3	Type `kpchost` in the NAME test box.	`kpchost` appears in the NAME test box.	Circle one: PASS / FAIL
D.5.4	In the `Device` field, click `CD-ROM`.	The `Select File` window appears.	Circle one: PASS / FAIL
D.5.5	Enter the following in the `Selection` text box: `/kpchostcdrom/segx.tar`	`/kpchostcdrom/segx.tar` appears in the text box.	Circle one: PASS / FAIL
D.5.6	Click `OK`.	The `Installer` window reappears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
D.5.7	In the `Source` field, click `Read Contents`.	The `Installer` reads the Table of Contents. When complete, the `Installer` displays the `Select Software To Install` field.	Circle one: PASS / FAIL
D.5.8	In the `Available Disks` field select `/home1`	`/home1` is highlighted.	Circle one: PASS / FAIL
D.5.9	In the `Select Software To Install` field, select `Test Segment segx`.	`Test Segment segx` is highlighted and the `Disk` column in the `Select Software To Install` field displays `/home1`. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL

D.5.10	Click `Install`.	The following message appears:
		`Please Insert CD Volume #1 for the segment 'Test Segment segx'.`
		`When you are ready press the OK button.`
			Circle one: PASS / FAIL

D.5.11	Click `OK`.	`Test Segment segx` installs accordingly under `/home1`. Once installed, it appears under `Select Software To Install` marked by an asterisk and is listed under the `Currently Installed Segments` field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
D.5.12	In the `Currently Installed Segments` field, select `Test Segment segx`.	`Test Segment segx` is highlighted.	Circle one: PASS / FAIL

D.5.13	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`Test Segment segx`
			Circle one: PASS / FAIL

D.5.14	Click `Yes`.	The segment deinstalls and is not listed under `Currently Installed Segments`.	Circle one: PASS / FAIL
D.5.15	Click `Exit`.	The `Installer` window closes.	Circle one: PASS / FAIL
D.6	**Cleanup – Eject the CD-ROM On the Validation Host (kpchost)**		
D.6.1	**NOTE:** Perform the following steps on the Validation Host (kpchost). In the `Terminal` window, at the command prompt type `unshare /cdrom/kpc_4206`	The command prompt returns.	Cleanup

D.6.2	At the command prompt type
	`share`
		The following text is displayed:
		`/kpc ro=kpccp`
		`/home2 ro,root=kpccp`
			Cleanup

	Operator Action	Expected Result	Observed Result
D.6.3	At the command prompt type `eject`	The CD-ROM is ejected.	Cleanup
D.7	**Verify Segments Can Be Read and Install Segments From A Remote tape drive (Select Source - EXABYTE)** **Optional test if vendor supports Exabyte drives**		
E	4.5 Test the Runtime Tools		
E.1	**Install the `Runtime Tools` Segment On the Candidate Platform (kpccp)** **NOTE: Any incorrect input in the steps below will cause the Runtime Tools Segment to fail to load. To determine where the failure occurred, search the `/tmp/out.log` file for the word `FAILED`. Then run step E.1 again.**		
E.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Terminal` window, at the command prompt type the following as `sysadmin`: `/h/COE/bin/COEInstaller |& tee [s] /tmp/out.log`	The `Installer` window opens and displays messages in the terminal.	Circle one: PASS / FAIL
E.1.2	In the `Installer` window, click `Select Source` in the `Source` field.	The `Select Source` dialog box appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.3	In the Host field, verify LOCAL is selected.	LOCAL is selected.	Circle one: PASS / FAIL
E.1.4	In the Device field, select DISK.	The Select File dialog box appears.	Circle one: PASS / FAIL
E.1.5	In the Selection text box, type /kpc/si/RTTseg.tar	/kpc/si/RTTseg.tar appears in the text box.	Circle one: PASS / FAIL
E.1.6	Click OK.	The Select File and Select Source dialog boxes disappear.	Circle one: PASS / FAIL
E.1.7	In the Source field, click Read Contents.	The Installer window shows Runtime Tools Test Segment listed under Select Software To Install.	Circle one: PASS / FAIL
E.1.8	Select Runtime Tools Test Segment.	Runtime Tools Test Segment is highlighted and the Disk column in the Select Software To Install field displays /h.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.9	Click `Install`.	An `ENTER A PASSWORD` dialog box appears.	Circle one: PASS / FAIL
E.1.10	Enter the Master APM Authentication key in the text box.	Asterisks appear in the text box.	Circle one: PASS / FAIL
E.1.11	Click `OK`.	A dialog box appears stating: `Please wait...extracting the disk file with the selected segment: 'Runtime Tools Test Segment'` Then a sequence of dialog boxes appears.	Circle one: PASS / FAIL
E.1.12	Enter the requested text in each dialog box.	An `ENTER A RESPONSE` dialog box appears: `Enter exactly "Now is the time" (expect beeps), click OK:`	Circle one: PASS / FAIL
E.1.13	In the text box, type `Now is the time`	`Now is the time` is entered in the text box. **NOTE:** The word "time" is not displayed.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.14	Click OK.	An ENTER A RESPONSE dialog box appears: Enter exactly "Test*_1%-@", click OK:	Circle one: PASS / FAIL
E.1.15	In the text box, type Test*_1%-@	Test*_1%-@ is entered in the text box.	Circle one: PASS / FAIL
E.1.16	Click OK.	An ENTER A RESPONSE dialog box appears: Enter exactly "9", click OK:	Circle one: PASS / FAIL
E.1.17	In the text box, type 9	9 is entered in the text box.	Circle one: PASS / FAIL
E.1.18	Click OK.	An ENTER A RESPONSE dialog box appears: Enter nothing, click OK:	Circle one: PASS / FAIL
E.1.19	Click OK.	An ENTER A RESPONSE dialog box appears: Enter exactly "0123456789" 5 times in sequence (expect beeps), click OK:	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.20	In the text box, type `01234567890123456789012345678901234567890123456789`	`01234567890123456789012345678901234567890123456789` is entered in the text box. **NOTE:** 4 sets of `0123456789` will appear in the text box.	Circle one: PASS / FAIL

E.1.21	Click `OK`.	An `ENTER A RESPONSE` dialog box appears:
		`COEPrompt is similar to COEMsg, but expects the user to enter a response. The syntax is: "COEPrompt {parameters} msg" where msg is the string to display.`
		`Enter "Yes" exactly and click OK if the above sentence is complete. Otherwise, enter nothing and click OK:`
			Circle one: PASS / FAIL

E.1.22	In the text box, type `Yes`	`Yes` is entered in the text box.	Circle one: PASS / FAIL
E.1.23	Click `OK`.	A `RESPOND TO THE QUESTION` dialog box appears: `Can you read this prompt?`	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

E.1.24	Click `Yes`.	An `ENTER A RESPONSE` dialog box appears:
		`On the next prompt, if the message says only 'Hello' click the No button; otherwise click Yes.`
		`For all following prompts, if no message appears, click the button on the right.`
		`To continue, type nothing and click OK below:`
			Circle one: PASS / FAIL

E.1.25	Click `OK`.	A `RESPOND TO THE QUESTION` dialog box appears with the following: `Hello`	Circle one: PASS / FAIL
E.1.26	Click `No`.	A `RESPOND TO THE QUESTION` dialog box appears: `If the buttons below show True and False, click the True button. Otherwise, click the button on the right.`	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.27	Click `True`.	A `RESPOND TO THE QUESTION` dialog box appears: `If the buttons below show True and False, click the False button. Otherwise, click the button on the left.`	Circle one: PASS / FAIL
E.1.28	Click `False`.	A `RESPOND TO THE QUESTION` dialog box appears: `If the buttons below show Accept and Cancel, click the Accept button. Otherwise, click the button on the right.`	Circle one: PASS / FAIL
E.1.29	Click `Accept`.	A `RESPOND TO THE QUESTION` dialog box appears: `If the buttons below show Accept and Cancel, click the Cancel button. Otherwise, click the button on the left.`	Circle one: PASS / FAIL
E.1.30	Click `Cancel`.	A `RESPOND TO THE QUESTION` dialog box appears: `If the buttons below show Exit and Cancel, click the Exit button. Otherwise, click the button on the right.`	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.31	Click `Exit`.	A `RESPOND TO THE QUESTION` dialog box appears: `If the buttons below show "Exit or Cancel" and "Continue", click the "Exit or Cancel" button. Otherwise, click the button on the right.`	Circle one: PASS / FAIL
E.1.32	Click `Exit or Cancel`.	A `RESPOND TO THE QUESTION` dialog box appears: `If the buttons below show Yes and No, click the Yes button. Otherwise, click the button on the right.`	Circle one: PASS / FAIL
E.1.33	Click `Yes`.	A `RESPOND TO THE QUESTION` dialog box appears: `If the buttons below show True and False, click the True button. Otherwise, click the button on the right.`	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

E.1.34	Click `True`.	An `ENTER A RESPONSE` dialog box appears:
		`On the next prompt, if the message is exactly "Test*_1%-@", and Yes and No buttons are shown, click the No button. Otherwise, click the button on the left.`
		`Type nothing and click OK to continue:`
			Circle one: PASS / FAIL

E.1.35	Click `OK`.	A `RESPOND TO THE QUESTION` dialog box appears with the following: `Test*_1%-@`	Circle one: PASS / FAIL

E.1.36	Click `No`.	An `ENTER A RESPONSE` dialog box appears:
		`On the next prompt, if the message area is blank, and Yes and No buttons are shown, click the Yes button. Otherwise, click the button on the right.`
		`Type nothing and click OK to continue:`
			Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.37	Click OK.	A RESPOND TO THE QUESTION dialog box appears with no message.	Circle one: PASS / FAIL
E.1.38	Click Yes.	An ENTER A RESPONSE dialog box appears: On the next prompt, write down the message shown and click the OK button. Type nothing and click OK to continue:	Circle one: PASS / FAIL
E.1.39	Click OK.	An INFORMATIONAL MESSAGE dialog box appears with the following: Test*_1%-@	Circle one: PASS / FAIL
E.1.40	Click OK.	A RESPOND TO THE QUESTION dialog box appears: On the next prompt, write down the message shown and click the OK button. Was the previous message exactly "Test*_1%-@"?	Circle one: PASS / FAIL
E.1.41	Click Yes.	An INFORMATIONAL MESSAGE dialog box appears with the following: Test	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.42	Click OK.	A RESPOND TO THE QUESTION dialog box appears: On the next prompt, write down the message shown and click the OK button. Was the previous message exactly "Test"?	Circle one: PASS / FAIL
E.1.43	Click Yes.	An INFORMATIONAL MESSAGE dialog box appears with the following: Single quote pass	Circle one: PASS / FAIL
E.1.44	Click OK.	A RESPOND TO THE QUESTION dialog box appears: On the next prompt, write down the message shown and click the OK button. Was the previous message exactly "Single quote pass"?	Circle one: PASS / FAIL
E.1.45	Click Yes.	An INFORMATIONAL MESSAGE dialog box appears with no message.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.46	Click OK.	A RESPOND TO THE QUESTION dialog box appears: On the next prompt, remember the message shown and click the OK button. Was the previous message blank?	Circle one: PASS / FAIL
E.1.47	Click Yes.	An INFORMATIONAL MESSAGE dialog box appears: I pledge allegiance to the flag of the United States of America And to the republic for which it stands one nation, under God, indivisible, with liberty and justice for all.	Circle one: PASS / FAIL
E.1.48	Click OK.	A RESPOND TO THE QUESTION dialog box appears: On the next prompt, remember the message shown and click the OK button. Was the previous message the complete pledge of allegiance?	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.49	Click `Yes`.	An `ENTER A PASSWORD` dialog box appears: `Enter exactly "password" for both, click OK:` `Password` (text box) `Verify` (text box)	Circle one: PASS / FAIL
E.1.50	Type `password` in both text boxes.	Asterisks appear in the text boxes.	Circle one: PASS / FAIL
E.1.51	Click `OK`.	A `RESPOND TO THE QUESTION` dialog box appears: `Did the password entry fields only display asterisks (*) as you typed?`	Circle one: PASS / FAIL

E.1.52	Click `Yes`.	An `ENTER A RESPONSE` dialog box appears:
		`On the next prompt, enter "sample" for the password and click OK.`
		`Enter nothing here and click OK to continue.`
			Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.53	Click `OK`.	An `ENTER A PASSWORD` dialog box appears: `Password` (text box)	Circle one: PASS / FAIL
E.1.54	Type `sample` in the text box.	Asterisks appear in the text box.	Circle one: PASS / FAIL
E.1.55	Click `OK`.	A `RESPOND TO THE QUESTION` dialog box appears: `In the previous prompt, did only the password entry field appear, with no message, and no verify field?`	Circle one: PASS / FAIL
E.1.56	Click `Yes`.	An `ENTER A PASSWORD` dialog box appears: `Enter exactly 'password'` `Password` (text box)	Circle one: PASS / FAIL
E.1.57	Type `password` in the text box.	Asterisks appear in the text box.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.58	Click OK.	A RESPOND TO THE QUESTION dialog box appears: In the previous prompt, did only the password entry field appear, with no verify field?	Circle one: PASS / FAIL
E.1.59	Click Yes.	An ENTER A RESPONSE dialog box appears: On the next prompt, enter "test1234" for the password, verify and click OK. Enter nothing here and click OK to continue:	Circle one: PASS / FAIL
E.1.60	Click OK.	An ENTER A PASSWORD dialog box appears: Password (text box) Verify (text box)	Circle one: PASS / FAIL
E.1.61	Type test1234 in the text boxes.	Asterisks appear in the text boxes.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.62	Click `OK`.	A `RESPOND TO THE QUESTION` dialog box appears: `In the previous prompt, did both the password and verify fields appear, with no message?`	Circle one: PASS / FAIL

E.1.63	Click `Yes`.	An `ENTER A RESPONSE` dialog box appears:
		`On the next prompt, enter "Test*_1%-@" for the password, verify and click OK.`
		`Enter nothing here and click OK to continue:`
			Circle one: PASS / FAIL

E.1.64	Click `OK`.	An `ENTER A PASSWORD` dialog box appears: `Password` (text box) `Verify` (text box)	Circle one: PASS / FAIL
E.1.65	Type `Test*_1%-@` in the text boxes.	Asterisks appear in the text boxes.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.66	Click OK.	An ENTER A PASSWORD dialog box appears: The first time you see this prompt, enter "012345678901234" for the password and verification and click OK. This should return an error message – write it down. The second time, enter "tested" and click OK. Password (text box) Verify (text box)	Circle one: PASS / FAIL
E.1.67	Type 012345678901234 in the text boxes.	Asterisks appear in the text boxes.	Circle one: PASS / FAIL
E.1.68	Click OK.	An INFORMATIONAL MESSAGE dialog box appears with the following: Password must be 6 to 14 characters in length!	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.69	Click OK.	An ENTER A PASSWORD dialog box appears: The first time you see this prompt, enter "012345678901234" for the password and verification and click OK. This should return an error message – write it down. The second time, enter "tested" and click OK. Password (text box) Verify (text box)	Circle one: PASS / FAIL
E.1.70	Type tested in the text boxes.	Asterisks appear in the text boxes.	Circle one: PASS / FAIL
E.1.71	Click OK.	A RESPOND TO THE QUESTION dialog box appears: In the previous prompts, did you receive one error message indicating that the password must be 6 – 14 characters in length?	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

E.1.72	Click `Yes`.	An `ENTER A RESPONSE` dialog box appears:
		`For the next two prompts, duplicate the prompt message in the password field and click OK.`
		`Enter nothing here and click OK to continue:`
			Circle one: PASS / FAIL

E.1.73	Click `OK`.	An `ENTER A PASSWORD` dialog box appears: `Test*_1%-@` `Password` (text box)	Circle one: PASS / FAIL
E.1.74	Type `Test*_1%-@` in the text box.	Asterisks appear in the text box.	Circle one: PASS / FAIL
E.1.75	Click `OK`.	An `ENTER A PASSWORD` dialog box appears: `%TestCase` `Password` (text box)	Circle one: PASS / FAIL
E.1.76	Type `%TestCase` in the text box.	Asterisks appear in the text box.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.77	Click OK.	An ENTER A RESPONSE dialog box appears: For the next three prompts, enter nothing in the password field and click OK. Enter nothing here and click OK to continue:	Circle one: PASS / FAIL
E.1.78	Click OK.	An ENTER A PASSWORD dialog box appears: Password (text box) Verify (text box)	Circle one: PASS / FAIL
E.1.79	Click OK.	An ENTER A PASSWORD dialog box appears: Password (text box) Verify (text box)	Circle one: PASS / FAIL
E.1.80	Click OK.	An ENTER A PASSWORD dialog box appears: Password (text box) Verify (text box)	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.81	Click OK.	An ENTER A RESPONSE dialog box appears: For the next three prompts, enter "01234567890" in the password and verify fields and click OK. Respond to each error message by clicking OK. Enter nothing here and click OK to continue:	Circle one: PASS / FAIL
E.1.82	Click OK.	An ENTER A PASSWORD dialog box appears: Password (text box) Verify (text box)	Circle one: PASS / FAIL
E.1.83	Type 01234567890 in the text boxes.	Asterisks appear in the text boxes.	Circle one: PASS / FAIL
E.1.84	Click OK.	An INFORMATIONAL MESSAGE dialog box appears with the following: Password must be 6 to 10 characters in length!	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.85	Click `OK`.	An `ENTER A PASSWORD` dialog box appears: `Password` (text box) `Verify` (text box)	Circle one: PASS / FAIL
E.1.86	Type `01234567890` in the text boxes.	Asterisks appear in the text boxes.	Circle one: PASS / FAIL
E.1.87	Click `OK`.	An `INFORMATIONAL MESSAGE` dialog box appears with the following: `Password must be 6 to 10 characters in length!`	Circle one: PASS / FAIL
E.1.88	Click `OK`.	An `ENTER A PASSWORD` dialog box appears: `Password` (text box) `Verify` (text box)	Circle one: PASS / FAIL
E.1.89	Type `01234567890` in the text boxes.	Asterisks appear in the text boxes.	Circle one: PASS / FAIL
E.1.90	Click `OK`.	An `INFORMATIONAL MESSAGE` dialog box appears with the following: `Password must be 6 to 10 characters in length!`	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.91	Click OK.	A RESPOND TO THE QUESTION dialog box appears: In the previous prompt, did you receive 3 error messages indicating that the password must be 6 – 10 characters in length?	Circle one: PASS / FAIL
E.1.92	Click Yes.	An ENTER A PASSWORD dialog box appears: Enter '012345678'. Click OK on errors Password (text box) Verify (text box)	Circle one: PASS / FAIL
E.1.93	Type 012345678 in the text boxes.	Asterisks appear in the text boxes.	Circle one: PASS / FAIL
E.1.94	Click OK.	An INFORMATIONAL MESSAGE dialog box appears with the following: Password must be 6 to 8 characters in length!	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.95	Click OK.	An ENTER A PASSWORD dialog box appears: Enter '012345678'. Click OK on errors Password (text box) Verify (text box)	Circle one: PASS / FAIL
E.1.96	Type 012345678 in the text boxes.	Asterisks appear in the text boxes.	Circle one: PASS / FAIL
E.1.97	Click OK.	An INFORMATIONAL MESSAGE dialog box appears with the following: Password must be 6 to 8 characters in length!	Circle one: PASS / FAIL
E.1.98	Click OK.	An ENTER A PASSWORD dialog box appears: Enter '012345678'. Click OK on errors Password (text box) Verify (text box)	Circle one: PASS / FAIL
E.1.99	Type 012345678 in the text boxes.	Asterisks appear in the text boxes.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.100	Click OK.	An INFORMATIONAL MESSAGE dialog box appears with the following: Password must be 6 to 8 characters in length!	Circle one: PASS / FAIL
E.1.101	Click OK.	A RESPOND TO THE QUESTION dialog box appears: In the previous prompts, did you receive 3 error messages indicating that the password must be 6 – 8 characters in length?	Circle one: PASS / FAIL
E.1.102	Click Yes.	An ENTER A RESPONSE dialog box appears: For the next prompt, enter "testing" in the password and verify fields and click OK. Enter nothing here and click OK to continue:	Circle one: PASS / FAIL
E.1.103	Click OK.	An ENTER A PASSWORD dialog box appears: Password (text box) Verify (text box)	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.104	Type `testing` in the text boxes.	Asterisks appear in the text boxes.	Circle one: PASS / FAIL

E.1.105	Click `OK`.	An `ENTER A PASSWORD` dialog box appears:
		`COEPromptPasswd is similar to COEPrompt in syntax and operation. It is intended to be used in PreInstall and PostInstall to ask the user for a password.`
		`Enter 'testing'`
		`Password` (text box)
		`Verify` (text box)
			Circle one: PASS / FAIL

E.1.106	Type `testing` in the text boxes.	Asterisks appear in the text boxes.	Circle one: PASS / FAIL
E.1.107	Click `OK`.	A `RESPOND TO THE QUESTION` dialog box appears: `In the previous prompt, did the message appear on several lines ?`	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
E.1.108	Click `Yes`. **NOTE:** Any incorrect input in the above steps will cause the Runtime Tools Segment to fail to load. To determine where the failure occurred, search the `/tmp/out.log` file for the word `FAILED`. Then run step E.1 again.	The following dialog box appears: `Building segment lists...` The `Installer` window returns to the forefront and shows `Runtime Tools Segment` listed under `Currently Installed Segments`.	Circle one: PASS / FAIL
E.1.109	Open another `Terminal` window.	A `Terminal` window appears with a command line prompt.	Setup
E.1.110	At the command prompt type `grep FAILED /tmp/out.log`	The command prompt returns without any Sub-test indicated as FAILED.	Circle one: PASS / FAIL
E.2	**Deinstall the `Runtime Tools` Segment On the Candidate Platform (kpccp)**		
E.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Segment Installer` window, select the `Runtime Tools Test Segment` segment in the `Currently Installed Segments` field.	The `Runtime Tools Test Segment` segment in the `Currently Installed Segments` field is highlighted.	Cleanup

E.2.2	Click `Deinstall Software`.	The following dialog box appears:
		`Do you really want to remove the segments?`
		`Runtime Tools Test Segment`
			Cleanup

	Operator Action	Expected Result	Observed Result
E.2.3	Click `Yes`.	The following dialog box appears: `Segment deinstallation in progress...` Control returns to the `Segment Installer` window.	Cleanup
E.2.4	When removal is complete, check both the `Currently Installed Segments` field and the `Select Software to Install` field.	The `Runtime Tools Test Segment` is no longer listed in the `Currently Installed Segments` field. An asterisk (*) no longer appears next to the `Runtime Tools Test Segment` segment in the `Select Software to Install` field.	Cleanup
E.2.5	Click `Exit` in the bottom menu bar of the `Segment Installer`.	The `Segment Installer` window disappears.	Cleanup

	Operator Action	Expected Result	Observed Result
F	4.6 Segment Type Tests		
F.1	**Verify That All Segment Types Can Be Installed By the Segment Installer On the Candidate Platform (kpccp)**		
F.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Application Manager - SysAdm` window, double-click `Segment Installer`.	The `Installer` window appears.	Setup
F.1.2	In the `Installer` window, click `Select Source` in the `Source` field.	The `Select Source` window appears.	Setup
F.1.3	In the `Device` field, click `DISK`.	The `DISK` option is selected and the `Select File` dialog box appears.	Setup
F.1.4	In the `Filter` text box, type `/kpc/si/* [r]`	`/kpc/si/*` appears in the text box.	Setup
F.1.5	In the `Files` field, double-click on the following entry: `all_types.tar`	The `Installer` window reappears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

F.1.6	In the `Source` field, click `Read Contents`.
	NOTE: Resize the `Installer` window to view all segments.
		The following segments appear in the `Select Software To Install` field:
		`Sample Aggregate Segment`
		`Sample Account Group Segment`
		`Sample COE Child Segment`
		`Sample COTS Segment`
		`Sample Data-Global Segment`
		`Sample Data-Local Segment`
		`Sample Data-Segment Segment`
		`Sample Software Segment`
		`SampleSW.P1`
			Circle one: PASS / FAIL

F.1.7	Select the following segments in the `Select Software To Install` field:
	`Sample Aggregate Segment`
	`Sample Account Group Segment`
	`Sample COE Child Segment`
	`Sample COTS Segment`
	`Sample Software Segment`
		All requested segments in the `Select Software To Install` field are highlighted.	Circle one: PASS / FAIL

F.1.8	Click `Install`.	An `ENTER A PASSWORD` dialog box appears asking for the Master APM Authentication key.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
F.1.9	Enter the Master APM Authentication key in the text box.	Asterisks appear in the text box.	Circle one: PASS / FAIL

F.1.10	Click OK.	The working box may be blank, or the following dialog boxes will appear in sequence:
		`Please wait...extracting the disk file with the selected segment: 'Sample Aggregate Segment'`
		`Please wait...extracting the disk file with the selected segment: 'Sample Aggregate Child Segment'`
		`PreInstall installation directory is /h/AcctGrps/SampleAcctGrp`
			Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

F.1.11	Click OK.	The working box may be blank, or the following dialog boxes will appear in sequence:
		`Please wait...extracting the disk file with the selected segment: 'Sample Account Group Segment'`
		`PostInstall installation directory is /h/AcctGrps/SampleAcctGrp`
			Circle one: PASS / FAIL

F.1.12	Click OK.	The following dialog box appears: `PreInstall installation directory is /h/COE/Comp/SampleCOEChild`	Circle one: PASS / FAIL

F.1.13	Click OK.	The following dialog boxes appear in sequence:
		`Please wait...extracting the disk file with the selected segment: 'Sample COE Child Segment'`
		`PostInstall installation directory is /h/COE/Comp/SampleCOEChild`
			Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

F.1.14	Click OK.	The following dialog boxes appear in sequence:
		`Please wait...extracting the disk file with the selected segment: 'Sample COTS Segment'`
		`PreInstall installation directory is /h/SampleSW`
			Circle one: PASS / FAIL

F.1.15	Click OK.	The following dialog boxes appear in sequence:
		`Please wait...extracting the disk file with the selected segment: 'Sample Software Segment'`
		`PostInstall installation directory is /h/SampleSW`
			Circle one: PASS / FAIL

F.1.16	Click OK.	The following dialog box appears: `Building segment lists...` The `Installer` window returns to the forefront.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

F.1.17	When installation is complete, check both the `Currently Installed Segments` field and the `Select Software To Install` field.
	NOTE: Resize the `Installer` window to view all segments.
		The following segments are listed in the `Currently Installed Segments` field:
		`Sample Aggregate Segment`
		`Sample Account Group Segment`
		`Sample COE Child Segment`
		`Sample COTS Segment`
		`Sample Software Segment`
		An asterisk (*) appears next to the aforementioned segments in the `Select Software To Install` field.
			Circle one: PASS / FAIL

F.1.18	Select the following segments in the `Select Software To Install` field:
	`Sample Data-Global Segment`
	`Sample Data-Local Segment`
	`Sample Data-Segment Segment`
	`SampleSW.P1`
		All requested segments in the `Select Software To Install` field are highlighted.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

F.1.19	Click `Install`.	The working box may be blank, or the following dialog boxes will appear in sequence:
		`Please wait...extracting the disk file with the selected segment: 'Sample Data-Global Segment'`
		`Please wait...extracting the disk file with the selected segment: 'Sample Data-Local Segment'`
		`Please wait...extracting the disk file with the selected segment: 'Sample Data-Segment Segment'`
		`Please wait...extracting the disk file with the selected segment: 'SampleSW.P1'`
		`Building segment lists…`
		Control returns to the `Installer` window.
			Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
F.1.20	When installation is complete, check both the `Currently Installed Segments` field and the `Select Software To Install` field. **NOTE:** Resize the `Installer` window to view all segments.	All sample segments are listed in the `Currently Installed Segments` field. An asterisk (*) appears next to all sample segments in the `Select Software To Install` field.	Circle one: PASS / FAIL
F.2	**Verify That All Segments Are Installed Onto the Hard Disk** On the Candidate Platform (kpccp)		

F.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp).
	Verify that `Sample Aggregate Segment, Sample Aggregate Child Segment, Sample Data-Global Segment, Sample Data-Local Segment, Sample Data-Segment Segment,` and `Sample Software Segment` are installed onto the hard disk.
	In the `Terminal` window at the command prompt, type
	`ls /h`
		The following directories are listed:
		`SampleAgg`
		`SampleAggChild`
		`SampleDataGlobal`
		`SampleDataLocal`
		`SampleDataSegment`
		`SampleSW`
			Circle one: PASS / FAIL

F.2.2	Verify that `Sample Account Group Segment` is installed onto the hard disk. At the command prompt, type `ls /h/AcctGrps`	The directory `SampleAcctGrp` is listed.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
F.2.3	Verify that `Sample COE Child Segment` is installed onto the hard disk. At the command prompt, type `ls /h/COE/Comp`	The directory `SampleCOEChild` is listed.	Circle one: PASS / FAIL
F.2.4	Verify that `Sample COTS Segment` is installed onto the hard disk. At the command prompt, type `ls /h/COTS`	The directory `SampleCOTS` is listed.	Circle one: PASS / FAIL
F.2.5	Verify that `Sample Data-Local Segment` is installed onto the hard disk. At the command prompt, type `ls /h/data/local`	The directory `SampleDataLocal` is listed.	Circle one: PASS / FAIL
F.2.6	Verify that `Sample Data-Global Segment` is installed onto the hard disk. At the command prompt, type `ls /h/data/global`	The directory `SampleDataGlobal` is listed.	Circle one: PASS / FAIL
F.2.7	Verify that `Sample Data-Segment Segment` is installed onto the hard disk. At the command prompt, type `ls /h/SampleSW/data`	The directory `SampleDataSegment` is listed.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
F.2.8	Verify that `SampleSoftware Segment` is installed onto the hard disk. At the command prompt, type `ls /h/SampleSW/Patches`	The directory `P1` is listed.	Circle one: PASS / FAIL
F.3	**Verify That All Segment Types Can Be Removed By the `Segment Installer` On the Candidate Platform (kpccp)**		
F.3.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Installer` window, select `SampleSW.P1` in the `Currently Installed Segments` field.	`SampleSW.P1` is highlighted.	Circle one: PASS / FAIL

F.3.2	Click `Deinstall Software`.	The following dialog box appears:
		`Do you really want to remove the segments?`
		`SampleSW.P1`
			Circle one: PASS / FAIL

F.3.3	Click `Yes`.	The working box may be blank, or the following dialog box will appear: `Segment deinstallation in progress...` Control returns to the `Installer` window.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
F.3.4	When removal is complete, check both the `Currently Installed Segments` field and the `Select Software To Install` field. **NOTE:** Resize the `Installer` window to view all segments.	The `SampleSW.P1` segment is no longer listed in the `Currently Installed Segments` field. An asterisk (*) no longer appears next to the `SampleSW.P1` segment in the `Select Software To Install` field.	Circle one: PASS / FAIL

F.3.5	In the `Currently Installed Segments` field, select the following segments:
	`Sample Aggregate Segment`
	`Sample Account Group Segment`
	`Sample COE Child Segment`
	`Sample COTS Segment`
	`Sample Data-Global Segment`
	`Sample Data-Local Segment`
	`Sample Data-Segment Segment`
	`Sample Software Segment`
		All requested segments in the `Currently Installed Segments` field are highlighted.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

F.3.6	Click `Deinstall Software`.	The following dialog box appears:
		`Do you really want to remove the segments?`
		`Sample Data-Segment Segment`
		`Sample Data-Local Segment`
		`Sample Data-Global Segment`
		`Sample Software Segment`
		`Sample Aggregate Segment`
		`Sample COE Child Segment`
		`Sample COTS Segment`
		`Sample Account Group Segment`
			Circle one: PASS / FAIL

F.3.7	Click `Yes`.	The working box may be blank, or the following dialog boxes will appear in sequence:
		`Segment deinstallation in progress...`
		`Building segment lists…`
		`DEINSTALL installation directory is /h/SampleSW`
			Circle one: PASS / FAIL

F.3.8	Click `OK`.	The following dialog box appears: `DEINSTALL installation directory is /h/COE/Comp/SampleCOEChild`	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
F.3.9	Click OK.	The following dialog box appears: `DEINSTALL installation directory is /h/AcctGrps/SampleAcctGrp`	Circle one: PASS / FAIL
F.3.10	Click OK.	The following dialog box appears: `Building segment lists...` Control returns to the `Installer` window.	Circle one: PASS / FAIL
F.3.11	When removal is complete, check both the `Currently Installed Segments` field and the `Select Software To Install` field. **NOTE:** Resize the `Installer` window to view all segments.	All sample segments are no longer listed in the `Currently Installed Segments` field. An asterisk (*) no longer appears next to any segments in the `Select Software To Install` field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
G	4.7 Test the Process Descriptor		
G.1	**Install** `Processes Test Segment` **On the Candidate Platform (kpccp)**		
G.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Installer` window click `Select Source`.	The `Select Source` dialog box appears.	Circle one: PASS / FAIL
G.1.2	In the `Device` field, select `DISK`.	The `Select File` dialog box appears.	Circle one: PASS / FAIL
G.1.3	In the `Files` list box select `ProcSeg.tar`	`ProcSeg.tar` is highlighted.	Circle one: PASS / FAIL
G.1.4	Click `OK`.	The `Select File` and `Select Source` dialog boxes disappear. The `Installer` window reappears.	Circle one: PASS / FAIL
G.1.5	Click `Read Contents`.	In the `Installer` window, `Processes Test Segment` is listed under `Select Software To Install`.	Circle one: PASS / FAIL
G.1.6	Select `Processes Test Segment`.	`Processes Test Segment` is highlighted and the `Disk` column in the `Select Software To Install` field displays `/h`.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
G.1.7	Click `Install`.	The following dialog box appears: `Building segment lists...` The `Installer` window returns to the forefront and shows `Processes Test Segment` listed under `Currently Installed Segments`.	Circle one: PASS / FAIL
G.1.8	In the `Application Manager – SysAdm` window double-click `Reboot System`.	The `Reboot` window appears with the message: `Reboot machine?`	Setup
G.1.9	Click `Yes`.	The machine reboots.	Setup
G.2	**Verify Boot, Run-Once, and Periodic Processes Were Started On the Candidate Platform (kpccp)**		
G.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Login as `secman`.	The desktop appears.	Setup
G.2.2	Open a `Terminal` window.	A `Terminal` window appears with a command line prompt.	Setup
G.2.3	At the command prompt type `su -`	The `Password` prompt appears.	Setup
G.2.4	At the `Password` prompt type the `root` password.	The command prompt returns.	Setup

	Operator Action	Expected Result	Observed Result
G.2.5	At the command prompt type `csh`	The command prompt returns.	Setup
G.2.6	At the command prompt type `date`	The current system date and time are displayed.	Setup Date:_____ Time:_____
G.2.7	Wait 5 minutes so that the period process will have had time to start.		Setup

G.2.8	At the command prompt type
	`/h/ProcSeg/bin/PROC-check-install`
		The output contains several lines indicating started processes.
		The following process show start time the same as the last reboot:
		`PROC-boot-process`
		`PROC-boot-process-coe`
		`PROC-boot-process-secman`
		`PROC-run-once-process`
		The following processes are started:
		`PROC-periodic-process-a`
		`PROC-periodic-process-b`
			Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
G.3	**Verify Session Processes Were Started On the Candidate Platform (kpccp)**		
G.3.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Select `Applications > Application Manager > DII_APPS > SecAdm`.	The `Application Manager - SecAdm` window appears.	Setup
G.3.2	In the `Application Manager - SecAdm` dialog box, double-click `APM Client`.	An `Input` dialog box appears asking for the master APM authentication key.	Setup
G.3.3	Enter the master APM authentication Key.	Asterisks appear in the text box.	Setup
G.3.4	Click `OK`.	The `Account and Profile Manager` dialog box appears.	Setup
G.3.5	Click `Profiles`.	The `Profiles` tab is displayed.	Setup
G.3.6	Select `File > New Profile`.	The `Create Profile` dialog box appears.	Setup
G.3.7	Click `Identification`.	The `Identification` tab is displayed.	Setup

	Operator Action	Expected Result	Observed Result
G.3.8	Enter the following value: Profile Name: `proc_prof`	`proc_prof` appears in the text box.	Setup
G.3.9	Click `Features`.	The `Features` tab is displayed.	Setup
G.3.10	Select `SOL Processes Test Segment` from the `Segments` panel.	`SOL Processes Test Segment` is highlighted. The `SOL Process Test Segment-Proc Icon` feature appears in the `Features` panel.	Setup
G.3.11	Select `Processes Test Segment-Proc Icon` in the `Features` panel.	`Processes Test Segment-Proc Icon` is selected	Setup
G.3.12	Click `Hosts`.	The `Hosts` tab is displayed.	Setup
G.3.13	Double-click `kpccp` appear in the `Available Hosts` panel.	`kpccp` moves to the `Assigned Hosts` panel.	Setup
G.3.14	Click `Submit`.	A `Status Summary` dialog box appears indicating the new profile has been added.	Setup
G.3.15	Click `OK`.	Control returns to the `Account and Profile Manager` dialog box.	Setup

	Operator Action	Expected Result	Observed Result
G.3.16	In the Account and Profile Manager dialog box, under Accounts, double-click user secman.	A Modify Account: secman dialog box appears.	Setup
G.3.17	Click Profiles.	The Profiles tab is displayed.	Setup
G.3.18	Double-click proc_prof.	Profile proc_prof moves to the Assigned Profiles panel.	Setup
G.3.19	Click Submit.	A Status Summery dialog box appears indicating user secman was modified.	Setup
G.3.20	Click OK to clear the Status Summary.	Control returns to the Account and Profile Manager dialog box.	Setup
G.3.21	Click Profile Selector (the head with a question mark).	The Profile Selector window appears.	Setup
G.3.22	Double-click proc_prof.	Profile proc_prof moves to the Selected Profiles panel.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
G.3.23	Click OK.	An INFORMATIONAL MESSAGE dialog box appears with the message: PROC: Session process has been started.	Circle one: PASS / FAIL
G.3.24	Click OK.	The Profile Selector Results window appears stating that the profile was successfully assumed.	Circle one: PASS / FAIL
G.3.25	Click Done.	The Profile Selector window and the Profile Selector Results window disappear.	Circle one: PASS / FAIL
G.4	**Cleanup ProcSeg on the Candidate Platform (kpccp)**		
G.4.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Click Profile Selector (the head with a question mark).	The Profile Selector window appears with proc_prof listed in the Selected Profiles panel.	Circle one: PASS / FAIL
G.4.2	Double-click SSO Default.	Profile SSO Default moves to the Selected Profiles panel. proc_prof moves to the Available Profiles panel.	Circle one: PASS / FAIL
G.4.3	Click OK.	An INFORMATIONAL MESSAGE dialog box appears with the message: PROC: Session exit process has been started.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
G.4.4	Click OK.	The Profile Selector Results window appears stating that the profile was successfully assumed.	Circle one: PASS / FAIL
G.4.5	Click Done.	The Profile Selector window and the Profile Selector Results window disappear.	Circle one: PASS / FAIL
G.4.6	In the Account and Profile Manager dialog box, under Accounts, double-click user secman.	A Modify Account: secman dialog box appears.	Cleanup
G.4.7	Click Profiles.	The Profiles tab is displayed.	Cleanup
G.4.8	Double-click proc_prof.	Profile proc_prof moves to the Available Profiles panel.	Cleanup
G.4.9	Click Submit.	A Status Summery dialog box appears indicating user secman was modified.	Cleanup
G.4.10	Click OK to clear the Status Summary.	Control returns to the Account and Profile Manager dialog box.	Cleanup

	Operator Action	Expected Result	Observed Result
G.4.11	In the `Account and Profile Manager` dialog box, click `Profiles`.	The `Profiles` tab is displayed.	Cleanup
G.4.12	Select `proc_prof`.	`proc_prof` is highlighted.	Cleanup
G.4.13	Select `Edit > Delete`.	A `Confirm` window prompts for confirmation.	Cleanup
G.4.14	Click `Yes`.	A `Status Summary` window appears indicating the Profile was successfully deleted.	Cleanup
G.4.15	Click `OK`.	Control returns to the `Account and Profile Manager` dialog box. The entry for `proc_prof` has been removed from the `Profiles` tab.	Cleanup
G.4.16	Click `EXIT` in the CDE Menu Bar.	The `Logout Confirmation` window appears.	Cleanup
G.4.17	Click `OK`.	The `DII COE LOGIN` screen appears.	Cleanup
G.4.18	Login as `sysadmin`.	The desktop appears.	Cleanup

	Operator Action	Expected Result	Observed Result
G.4.19	Select `Applications > Application Manager > DII_APPS > SysAdm`.	The `Application Manager - SysAdm` window appears. **NOTE:** If SA Default profile is not selected, then select it with the Profile Selector.	Cleanup
G.4.20	Double-click `Segment Installer`.	The `Installer` window appears.	Cleanup
G.4.21	In the `Installer` window, select `Processes Test Segment` in the `Currently Installed Segments` field.	`Processes Test Segment` in the `Currently Installed Segments` field is highlighted.	Cleanup
G.4.22	Click `Deinstall Software`.	An `ENTER A PASSWORD` dialog box appears.	Cleanup
G.4.23	Enter the Master APM Authentication key in the text box.	Asterisks appear in the text box.	Cleanup

G.4.24	Click `OK`.	The following dialog box appears:
		`Do you really want to remove the segments?`
		`Processes Test Segment`
			Cleanup

	Operator Action	Expected Result	Observed Result
G.4.25	Click `Yes`.	The working box may be blank, or the following dialog box will appear: `Segment deinstallation in progress...` The `Installer` window returns to the forefront.	Cleanup
G.4.26	When removal is complete, check the `Currently Installed Segments` field.	`Processes Test Segment` is no longer listed in the `Currently Installed Segments` field.	Cleanup
G.4.27	Open a `Terminal` window.	A Terminal window appears.	Cleanup
G.4.28	At the command prompt type `su`	The `Password` prompt appears.	Startup
G.4.29	Enter the `root` password.	The command prompt returns.	Startup
G.4.30	At the command prompt type `csh`	The command prompt returns.	Startup
G.4.31	In the `Terminal` window, at the command prompt, type `rm /tmp/PROC*`	The command prompt returns.	Cleanup

	Operator Action	Expected Result	Observed Result
H	**4.8** Verify `Segment Installer` Will Process Conflicts Descriptor		
H.1	**Install** `Conflicts Test Segment` **On the Candidate Platform (kpccp)**		
H.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Installer` window, click `Select Source` in the `Source` field.	The `Select Source` window appears.	Setup
H.1.2	In the `Device` field, click `DISK`.	The `DISK` option is selected and the `Select File` dialog box appears.	Setup
H.1.3	In the `Selection` text box type `/kpc/si/conflicts.tar`	`/kpc/si/conflicts.tar` appears in the text box.	Setup
H.1.4	Click `OK`.	The `Select File` and `Select Source` dialog boxes disappear.	Setup
H.1.5	Click `Read Contents`.	In the `Installer` window, `Conflicts Test Segment` is listed under `Select Software To Install`.	Setup
H.1.6	Select `Conflicts Test Segment`.	`Conflicts Test Segment` is highlighted and the `Disk` column in the `Select Software To Install` field displays `/h`.	Setup

	Operator Action	Expected Result	Observed Result
H.1.7	Click `Install`.	The following dialog box appears: `Building segment lists...` The `Installer` window returns to the forefront and shows `Conflicts Test Segment` listed under `Currently Installed Segments`.	Setup
H.1.8	In the `Installer` window, select `Conflicts Test Segment` in the `Currently Installed Segments` field.	`Conflicts Test Segment` in the `Currently Installed Segments` field is highlighted.	Setup

H.1.9	Click `Deinstall Software`.	The following dialog box appears:
		`Do you really want to remove the segments?`
		`Conflicts Test Segment`
			Setup

H.1.10	Click `Yes`.	The following dialog box appears: `Segment deinstallation in progress...` The `Installer` window returns to the forefront.	Setup

	Operator Action	Expected Result	Observed Result
H.1.11	When removal is complete, check both the `Currently Installed Segments` field and the `Select Software To Install` field.	`Conflicts Test Segment` is no longer listed in the `Currently Installed Segments` field. An asterisk (*) no longer appears next to `Conflicts Test Segment` in the `Select Software To Install` field.	Setup
H.1.12	In the `Installer` window, click `Select Source` in the `Source` field.	The `Select Source` window appears.	Setup
H.1.13	In the `Device` field, click `DISK`.	The `DISK` option is selected and the `Select File` dialog box appears.	Setup

H.1.14	In the Filter box type:
	`/kpc/si/*`
	In the `Files` list box select
	`segx.tar`
		`segx.tar` is highlighted.	Setup

H.1.15	Click `OK`.	The `Select File` and `Select Source` dialog boxes disappear.	Setup
H.1.16	Click `Read Contents`.	In the `Installer` window, `Test Segment segx` is listed under `Select Software To Install`.	Setup

	Operator Action	Expected Result	Observed Result
H.1.17	Select `Test Segment segx`.	`Test Segment segx` is highlighted and the `Disk` column in the `Select Software To Install` field displays `/h`.	Setup
H.1.18	Click `Install`.	The following dialog box appears: `Building segment lists...` The `Installer` window returns to the forefront and shows `Test Segment segx` listed under `Currently Installed Segments`.	Setup
H.1.19	In the `Installer` window, click `Select Source` in the `Source` field.	The `Select Source` window appears.	Setup
H.1.20	In the `Device` field, click `DISK`.	The `DISK` option is selected and the `Select File` dialog box appears.	Setup
H.1.21	In the Files list box select `conflicts.tar`	`conflicts.tar` is highlighted.	Setup
H.1.22	Click `OK`.	The `Select File` and `Select Source` dialog boxes disappear.	Setup
H.1.23	Click `Read Contents`.	In the `Installer` window, `Conflicts Test Segment` is listed under `Select Software To Install`.	Setup

	Operator Action	Expected Result	Observed Result
H.1.24	Select `Conflicts Test Segment`.	`Conflicts Test Segment` is highlighted and the `Disk` column in the `Select Software To Install` field displays `/h`.	Setup
H.1.25	Click `Install`.	The following dialog box appears: `A conflicting segment of Conflicts Test Segment was found on disk`	Circle one: PASS / FAIL
H.1.26	Click `OK`.	The following dialog box appears: `Building segment lists...` The `Installer` window returns to the forefront and does not show `Conflicts Test Segment` listed under `Currently Installed Segments` field.	Circle one: PASS / FAIL
I	4.9 Verify `Segment Installer` Will Process Requires Descriptor		

	Operator Action	Expected Result	Observed Result
I.1	**Install** `Requires Test Segment` **and** `Test Segment segy` **On the Candidate Platform (kpccp)**		
I.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Installer` window, click `Select Source` in the `Source` field.	The `Select Source` window appears.	Setup
I.1.2	In the `Device` field, click `DISK`.	The `DISK` option is selected and the `Select File` dialog box appears.	Setup
I.1.3	In the `Files` list box select `req_segy.tar`	`req_segy.tar` is highlighted.	Setup
I.1.4	Click `OK`.	The `Select File` and `Select Source` dialog boxes disappear.	Setup

I.1.5	Click `Read Contents`.	The following segments appear in the `Select Software To Install` field:
		`Test Segment segy`
		`Requires Test Segment`
			Setup

I.1.6	Select the following segment: `Requires Test Segment`	`Requires Test Segment` is highlighted. `Test Segment segy` is not highlighted.	Setup

	Operator Action	Expected Result	Observed Result
I.1.7	Click `Install`.	The following dialog box appears: `Please wait...extracting the disk file with the selected segment: 'Requires Test Segment'`	Circle one: PASS / FAIL
I.1.8	When installation is complete, check both the `Currently Installed Segments` field and the `Select Software To Install` field.	`Requires Test Segment` and `Test Segment segy` are listed in the `Currently Installed Segments` field: An asterisk (*) appears next to `Requires Test Segment` and `Test Segment segy` in the `Select Software To Install` field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
I.2	**Deinstall** `Requires Test Segment`**,** `Test Segment segy`**, and** **`Test Segment segx`** **On the Candidate Platform (kpccp)**		

I.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp).
	In the `Installer` window, select the following in the `Currently Installed Segments` field:
	`Requires Test Segment`
	`Test Segment segy`
	`Test Segment segx`
		The three segments in the `Currently Installed Segments` field are highlighted.	Setup

I.2.2	Click `Deinstall Software`.	The following dialog box appears:
		`Do you really want to remove the segments?`
		`Requires Test Segment`
		`Test Segment segy`
		`Test Segment segx`
			Setup

I.2.3	Click `Yes`.	The following dialog box appears: `Segment deinstallation in progress...` The `Installer` window returns to the forefront.	Cleanup

	Operator Action	Expected Result	Observed Result

I.2.4	When removal is complete, check the `Currently Installed Segments` field.	The following segments are no longer listed in the `Currently Installed Segments` field:
		`Requires Test Segment`
		`Test Segment segy`
		`Test Segment segx`
			Cleanup

I.3	**Verify `Requires Test Segment` Will No Longer Install On the Candidate Platform (kpccp)**		
I.3.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Select Software to Install` field, select the following segment: `Requires Test Segment`	`Requires Test Segment` is highlighted. `Test Segment segy` is not highlighted.	Circle one: PASS / FAIL
I.3.2	Click `Install`.	The following dialog boxes appear in sequence: `Please wait...extracting the disk file with the selected segment: 'Requires Test Segment'`	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
I.3.3	When installation is complete, check both the `Currently Installed Segments` field and the `Select Software To Install` field.	`Requires Test Segment` should not be listed in the `Currently Installed Segments` field: An asterisk (*) should not appear next to `Requires Test Segment` in the `Select Software To Install` field:	Circle one: PASS / FAIL
I.3.4	Click `Exit`.	The `Installer` window disappears.	Circle one: PASS / FAIL
J	4.10 Network Installation Server / Network Installation Server Testing - Verify Feature Availability		
J.1	**Network Installation Server / Network Installation Server - Main Window**		
J.1.1	**NOTE:** Perform the following steps on the Validation Host (kpchost) and Candidate Platform (kpccp). In the `Application Manager – SysAdm` window, double-click `Network Installation Server`.	The `Network Installation Server` window appears.	Circle one: PASS / FAIL
J.1.2	Examine the `Network Installation Server` windows on each platform.	Size, shape, color and textural information on the Candidate Platform is similar to the Validation Host.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

J.1.3	**NOTE:** Perform the following steps on the Candidate Platform (kpccp)
	Verify at the top of the screen, the following pull-down menus and their contents:
	`File`
	`Source`
	`Installed`
	`Contents`
	`Help` (Grayed Out)
	
	NOTE: Each of these Menu Items/Functions are duplicates of buttons on the main screen and either choice produces the same results.
		The menu items are present and contain:
		`File –` `Load`
		`Exit`
		`Source -` `Select Source`
		`Read Contents`
		`Installed –` `Release Notes`
		`Deinstall`
		`Software`
		`View Installation`
		`Log`
		`Contents -` `Release Notes`
		`Required Software`
		`Conflicting`
		`Software`
		`Help -` `(No Action)`
			Circle one: PASS / FAIL

J.1.4	Resize the `Network Installation Server` window.	The `Network Installation Server` window resizes both larger and smaller.	Circle one: PASS / FAIL
J.1.5	Minimize the `Network Installation Server` window by clicking the dot in the right corner of the title bar.	The `Network Installation Server` window iconifies to the top left corner of the screen.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.1.6	Restore the `Network Installation Server` window by double-clicking on the `Installer` icon.	The `Network Installation Server` window restores to its previous state.	Circle one: PASS / FAIL
J.1.7	Relocate the `Network Installation Server` window.	The `Network Installation Server` window relocates anywhere on the screen.	Circle one: PASS / FAIL
J.1.8	Double-click the upper left corner of the `Network Installation Server` window.	The `Network Installation Server` window disappears.	Circle one: PASS / FAIL
J.1.9	In the `Application Manager – SysAdm` window, double-click `Network Installation Server`.	The `Network Installation Server` window appears.	Circle one: PASS / FAIL
J.2	**Source Area - Verify Buttons and Fields Are Present On the Candidate Platform (kpccp)**		

J.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp).
	Verify the following `Source` fields are present:
	`Host:`
	`Device:`
		All fields are present.	Circle one: PASS / FAIL

J.2.2	Verify the following buttons are present:
	`Select Source`
	`Read Contents`
		All buttons are present.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

J.2.3	Verify information presented in the fields is correct:
	`Host: LOCAL kpccp`
	`Device: DAT`
		The display reflects the current configuration.	Circle one: PASS / FAIL

J.3	**Select Source - Verify the Functionality Of the Select Source Window; Select Each Option On the Candidate Platform (kpccp)**		
J.3.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Click `Select Source`.	The `Select Source` window appears.	Circle one: PASS / FAIL

J.3.2	Verify the following radio buttons are present:
	`Host:` `Device:`
	`LOCAL` `DISK` `EXABYTE`
	`REMOTE` `DAT` `OTHER`
	`CD-ROM`
		All radio buttons are present and `LOCAL` and `DAT` are selected.
		NOTE: Only certain combination work.
		LOCAL - ALL
		REMOTE – DAT, EXABYTE, OTHER
		NOTE: DISK and CD-ROM are accessible from a remote device if shared and mounted.
			Circle one: PASS / FAIL

J.3.3	In the `Host` field, verify `LOCAL` is selected.	`LOCAL` is selected.	Circle one: PASS / FAIL
J.3.4	In the `Device` field, select `DISK`.	The `Select File` window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

J.3.5	Verify the existence of the following four sections:
	`Filter`
	`Directories`
	`Files`
	`Selection`
		Each of these sections is present. The filtering section at the top can be used to find a particular file.	Circle one: PASS / FAIL

J.3.6	Verify the existence of four buttons at the bottom of the `Select File` window: `OK`, `Filter`, `Cancel`, `Help`	All buttons are present.	Circle one: PASS / FAIL
J.3.7	Click `Cancel`.	The `Select File` window disappears.	Circle one: PASS / FAIL
J.3.8	Click `OK`.	The `Select Source` window disappears and the `Network Installation Server` window reappears.	Circle one: PASS / FAIL

J.3.9	Verify the information presented in the following fields is correct:
	`Host: LOCAL kpccp`
	`Device: DISK`
		The display reflects the tester's selections.	Circle one: PASS / FAIL

J.3.10	Click `Select Source`.	The `Select Source` window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.3.11	In the `Host` field, verify `LOCAL` is selected.	`LOCAL` is selected.	Circle one: PASS / FAIL
J.3.12	In the `Device` field, select `CD-ROM`.	The `Select File` window appears.	Circle one: PASS / FAIL

J.3.13	Verify the existence of the following four sections:
	`Filter`
	`Directories`
	`Files`
	`Selection`
		Each of these sections is present. The filtering section at the top can be used to find a particular file.	Circle one: PASS / FAIL

J.3.14	Verify the existence of four buttons at the bottom of the `Select File` window: `OK`, `Filter`, `Cancel`, `Help`	All buttons are present.	Circle one: PASS / FAIL
J.3.15	Click `Cancel`.	The `Select File` window disappears.	Circle one: PASS / FAIL
J.3.16	In the `Select Source` window under `Device`, Select `EXABYTE`.	`EXABYTE` is selected.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.3.17	In the `Select Source` window under `Device`, select `Other`.	A text box appears for manually entering a device.	Circle one: PASS / FAIL
J.3.18	Enter the device path in the text box, e.g., `/dev/rmt/0mn`.	The device path appears in the text box.	Circle one: PASS / FAIL
J.3.19	Click `OK`.	The `Network Installation Server` window appears and the `Source` field displays: `Host: LOCAL kpccp` `Device:` <device path> where <device path> is the device file entered in the previous step, e.g., `/dev/rmt/0mn`	Circle one: PASS / FAIL
J.3.20	Click `Select Source`.	The `Select Source` window appears.	Circle one: PASS / FAIL
J.3.21	In the `Select Source` window under `Device`, click `DAT`.	The `DAT` radio button is selected.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

J.3.22	Click `OK`.	The `Network Installation Server` window appears and the `Source` field displays:
		`Host: LOCAL kpccp`
		`Device: DAT`
			Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.4	**`Available Disks` Panel Display On the Candidate Platform (kpccp)**		
J.4.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Verify the `Available Disks` field displays the following columns: `Disk Actual Available Selected Reserved` Verify the button `Reserved Space` is greyed out.	Disk Actual Available Selected Reserved /h /home1 8.56MB 6.85MB 0.0 MB 1.71MB [`Reserved Space ]` **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration.	Circle one: PASS / FAIL
J.5	**Available Disks - Reserved Space - Override Disk Space Allocation Window On the Candidate Platform (kpccp)**		
J.5.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Select partition `/home1` from the `Available Disks` field.	`/home1` is highlighted.	Circle one: PASS / FAIL
J.5.2	Click `Reserved Space` under `Available Disks`.	An `Override Disk Space Allocation` window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.5.3	Verify the default value of `Override Disk Space Limits`.	Default reads `80%`.	Circle one: PASS / FAIL

J.5.4	Click on the `Override Disk Space Limits` button to show the pull-down menu.	The `Override Disk Space Limits` are:
		`80%` (selected by default)
		`90%`
		`95%`
		`99%`
			Circle one: PASS / FAIL

J.5.5	Select `90%`.	The `Override Disk Space Limits` selection changes to `90%`.	Circle one: PASS / FAIL
J.5.6	Verify `Clear and Set to Default` box is not selected.	`Clear and Set to Default` box is not selected.	Circle one: PASS / FAIL
J.5.7	Select and deselect the `Clear and Set to Default` box.	The box toggles on and off.	Circle one: PASS / FAIL
J.5.8	Click `Cancel`.	The `Override Disk Space Allocation` window disappears and the `Available Disks` values remain unchanged.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.5.9	Click `Reserved Space` under `Available Disks`.	An `Override Disk Space Allocation` window appears.	Circle one: PASS / FAIL
J.5.10	Click on the `Override Disk Space Limits` arrow to show the pull-down menu.	The `Override Disk Space Limits` pull-down menu appears.	Circle one: PASS / FAIL
J.5.11	Select `99%`.	The `Override Disk Space Limits` selection changes to `99%`.	Circle one: PASS / FAIL
J.5.12	Click `OK`.	The `Available Disks` field displays the following approximate values: Disk Actual Available Selected Reserved /home1 8.56MB 8.47MB 0.0 MB 0.09MB **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration.	Circle one: PASS / FAIL
J.5.13	Click `Reserved Space` under `Available Disks`.	An `Override Disk Space Allocation` window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.5.14	Verify `Override Disk Space Limits` selection is returned to `80%`.	The `Override Disk Space Limits` selection is returned to `80%`.	Circle one: PASS / FAIL
J.5.15	Click `OK`.	The `Available Disks` field displays the following approximate values: Disk Actual Available Selected Reserved /home1 8.56MB 6.85MB 0.0 MB 1.71MB **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.6	**Available Disks - Verify the Information Presented For Actual Disk Size Is Correct On the Candidate Platform (kpccp)**		
J.6.1	In the `Terminal` window, at the command prompt type `df -k`	The `/home1` disk space information is listed as follows: Kbytes used available Mounted on 9751 61 8715 /home1 **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration.	Setup
J.6.2	To verify the disk space values shown under `Available Disks`, `/home1`, perform the following calculations: Actual = avail(df -k) / 1024 Reserved = kbytes(df -k) * .9 * .2/1024 Available = Actual - Reserved	Results are within 10 K of the values listed under `Available Disks`. Values listed in the `Network Installation Server` main window concur. Actual = 8.56MB Reserved = 1.71MB Available = 8.56 – 1.71 = 6.85MB **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration.	Circle one: PASS / FAIL Actual:_____ Reserved:_____ Available:_____
J.6.3	In the `Source` field of the `Network Installation Server` window, click `Select Source`.	The `Select Source` window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.6.4	In the Device field, select DISK.	The Select File window appears.	Circle one: PASS / FAIL
J.6.5	In the Filter text box type /kpc/si/* [r]	/kpc/si/* appears in the text box.	Circle one: PASS / FAIL
J.6.6	In the Files field, double-click bigseg.tar.	The Select File window disappears. The Network Installation Server window reappears.	Circle one: PASS / FAIL
J.6.7	Click Read Contents.	The Network Installation Server window returns with Big Test Segment appearing in the Select Software To Load field.	Circle one: PASS / FAIL
J.6.8	Select Big Test Segment in the Select Software to Load field.	Big Test Segment is highlighted and the Disk column in the Select Software To Load field displays /home1. If it doesn't, deselect the segment and reselect it. The Selected column in the Available Disks field changes from 0.0MB to 0.10MB.	Circle one: PASS / FAIL
J.6.9	At the bottom of the Network Installation Server window, click Load.	An ENTER A PASSWORD dialog box appears asking for the master APM authentication key.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.6.10	Enter the APM Authentication key in the text box.	Asterisks appear in the text box.	Circle one: PASS / FAIL
J.6.11	Click `OK`.	`Big Test Segment` installs correctly and is preceded by an * in the `Select Software To Load` field. `Big Test Segment` appears in the `Segments Currently Loaded On This Network Server` field.	Circle one: PASS / FAIL
J.6.12	Verify the `Available Disks`, `/home1` field values have changed.	The `Available Disks` field displays the following approximate values: Disk Actual Available Selected Reserved /home1 8.40MB 6.69MB 0.0 MB 1.71MB **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration. **NOTE:** See Known Problems 1 in the preamble of this procedure.	Circle one: PASS / FAIL
J.6.13	In the `Segments Currently Loaded On This Network Server` field, select `Big Test Segment`.	`Big Test Segment` is highlighted.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

J.6.14	Select `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box appears with the message:
		`Do you really want to remove the segments?`
		`Big Test Segment`
			Circle one: PASS / FAIL

J.6.15	Click `Yes`.	`Big Test Segment` deinstalls correctly and is no longer preceded by an * in the `Select Software To Load` field. `Big Test Segment` no longer appears in the `Segments Currently Loaded On This Network Server` field.	Circle one: PASS / FAIL
J.7	**Available Disks - Reserve Space 99% – Verify Segment Load On the Candidate Platform (kpccp)**		
J.7.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Terminal` window, at the command prompt type `mkfile 4m /home1/fillspace` **NOTE:** This method is OS specific. Use the relevant method on the OS being tested and note it in the Observed Result column.	The command prompt returns.	Setup
J.7.2	In the `Available Disks` field click `Reserved Space`.	The `Override Disk Space Allocation` window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.7.3	Change the `Override Disk Space Limits` value from `80%` to `99%`.	The `99%` toggle is selected.	Circle one: PASS / FAIL
J.7.4	Click `OK`.	The `Available Disks` field displays the following approximate values: Disk Actual Available Selected Reserved /home1 4.55MB 4.47MB 0.0 MB 0.09MB **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration.	Circle one: PASS / FAIL
J.7.5	Select `Big Test Segment` in the `Select Software to Load` field.	`Big Test Segment` is highlighted and the `Disk` column in the `Select Software To Load` field displays `/home1`. If it doesn't, deselect the segment and reselect it. The `Selected` column in the `Available Disks` field changes from 0.0MB to 0.10MB.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.7.6	At the bottom of the `Network Installation Server` field click `Load`.	`Big Test Segment` loads correctly and is preceded by an * in the `Select Software To Load` field. `Big Test Segment` appears in the `Segments Currently Loaded On This Network Server` field.	Circle one: PASS / FAIL
J.7.7	In the `Available Disks` field verify the `/home1` values have changed.	The `Available Disks` field displays the following approximate values: Disk Actual Available Selected Reserved /home1 4.45MB 4.37MB 0.0 MB 0.09MB **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration. **NOTE:** See Known Problems 1 in the preamble of this procedure.	Circle one: PASS / FAIL
J.7.8	In the `Segments Currently Loaded On This Network Server` field, select `Big Test Segment`.	`Big Test Segment` is highlighted.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

J.7.9	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box appears with the message:
		`Do you really want to remove the segments?`
		`Big Test Segment`
			Circle one: PASS / FAIL

J.7.10	Click `Yes`.	`Big Test Segment` deinstalls correctly and is no longer preceded by an * in the `Select Software To Load` field. `Big Test Segment` no longer appears in the `Segments Currently Loaded On This Network Server` field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.8	**Available Disks - No Space – Verify Segment Load Roll Over On the Candidate Platform (kpccp)**		
J.8.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Available Disks` field, click `Reserved Space`.	The `Override Disk Space Allocation` window appears.	Circle one: PASS / FAIL
J.8.2	Click `OK`.	The `Available Disks` field displays the following approximate values: Disk Actual Available Selected Reserved /home1 4.55MB 2.84MB 0.0 MB 1.71MB **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration.	Circle one: PASS / FAIL
J.8.3	Select `Big Test Segment` in the `Select Software To Load` field.	`Big Test Segment` is highlighted and the `Disk` column in the `Select Software To Load` field displays `/home1`. If it doesn't, deselect the segment and reselect it. A `Warning` window appears stating that available disk space is not enough and the disk will be switched to next available disk.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.8.4	Click OK in the Warning window.	The Warning window disappears.	Circle one: PASS / FAIL
J.8.5	At the bottom of the Network Installation Server field, click Load.	Big Test Segment loads correctly and is preceded by an * in the Select Software To Load field. Big Test Segment appears in the Segments Currently Loaded On This Network Server field.	Circle one: PASS / FAIL
J.8.6	In the Available Disks field, verify /home1 values have remained the same and the segment loaded on /h (or the first available disk partition).	The Available Disks field displays the following approximate values: Disk Actual Available Selected Reserved /home1 4.45MB 2.79MB 0.00 MB 1.71MB **NOTE:** These values are approximate values and may vary slightly depending on the disk configuration. **NOTE:** See Known Problems 1 in the preamble of this procedure.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.8.7	In the Segments Currently Loaded On This Network Server field, select Big Test Segment.	Big Test Segment is highlighted.	Circle one: PASS / FAIL
J.8.8	Click Deinstall Software.	A RESPOND TO THE QUESTION dialog box appears with the message: Do you really want to remove the segments? Big Test Segment	Circle one: PASS / FAIL
J.8.9	Click Yes.	Big Test Segment deinstalls correctly and is no longer preceded by an * in the Select Software To Load field. Big Test Segment no longer appears in the Segments Currently Loaded On This Network Server field.	Circle one: PASS / FAIL
J.8.10	Click Exit.	The Network Installation Server window disappears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.9	**Available Disks - No Space – Verify Segment Installation Failure On the Candidate Platform (kpccp)**		
J.9.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Terminal` window at the command prompt type `cd /`	The command prompt returns.	Setup
J.9.2	At the command prompt type `mv /home2 /newhome2`	The command prompt returns.	Setup
J.9.3	At the command prompt type `mkfile 950m /h/fillspace` **NOTE:** This method is OS specific. Use the relevant method on the OS being tested and note it in the Observed Result column. **NOTE:** The file size parameter may vary, depending on the size of the `/h` partition. Create a file large enough to fill the `/h` partition up to at least 85%.	**NOTE:** The command may take a few moments to complete. The command prompt returns.	Setup
J.9.4	In the `Application Manager – SysAdm` window, double-click `Network Installation Server`.	The `Network Installation Server` window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.9.5	Click `Select Source` in the `Source` field.	The `Select Source` window appears.	Circle one: PASS / FAIL
J.9.6	In the `Device` field, click `DISK`.	The `Select File` window appears.	Circle one: PASS / FAIL
J.9.7	In the `Filter` text box type `/kpc/si/* [r]`	`/kpc/si/*` appears in the text box.	Circle one: PASS / FAIL
J.9.8	In the `Files` field, double-click `bigseg.tar`	Control returns to the `Network Installation Server` window.	Circle one: PASS / FAIL
J.9.9	In the `Available Disks` field, select `/home1`.	`/home1` is highlighted.	Circle one: PASS / FAIL
J.9.10	In the `Source` field, click `Read Contents`.	The `Network Installation Server` window reappears with `Big Test Segment` under the `Select Software To Load` field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.9.11	Select `Big Test Segment` in the `Select Software To Load` field.	A `Warning` window appears stating that available disk space is not enough. You may increase the available disk space using the Reserved Space Override.	Circle one: PASS / FAIL
J.9.12	Click `OK`.	The `Warning` window disappears. Control returns to the `Network Installation Server` window.	Circle one: PASS / FAIL
J.9.13	Click `Exit`.	The `Network Installation Server` window disappears.	Circle one: PASS / FAIL
J.9.14	At the command prompt type `mv /newhome2 /home2`	The command prompt returns.	Cleanup
J.9.15	At the command prompt type `rm /h/fillspace /home1/fillspace`	The command prompt returns.	Cleanup

	Operator Action	Expected Result	Observed Result
J.10	**Segments Currently Loaded On This Network Server Window On the Candidate Platform (kpccp)**		
J.10.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the Applications Manager – SysAdm window, double-click Network Installation Server.	The Network Installation Server window appears.	Circle one: PASS / FAIL
J.10.2	Verify that the following characteristics appear: The Release Notes button is grayed out. The Deinstall Software button is grayed out. The Load button is grayed out. The Exit button is available for selection.	The characteristics are displayed as noted.	Circle one: PASS / FAIL
J.10.3	In the Network Installation Server window, in the Available Disks field, select /home1.	/home1 is highlighted.	Circle one: PASS / FAIL
J.10.4	In the Source field, click Select Source.	The Select Source window appears.	Circle one: PASS / FAIL
J.10.5	In the Device field, select DISK.	The Select File window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.10.6	In the `Filter` text box type `/kpc/si/* [r]`	`/kpc/si/*` appears in the text box.	Circle one: PASS / FAIL
J.10.7	In the `Files` field, double-click `bigseg.tar`.	The `Select File` window disappears. The `Network Installation Server` window reappears.	Circle one: PASS / FAIL
J.10.8	Click `Read Contents`.	The `Network Installation Server` window returns with `Big Test Segment` appearing in the `Select Software To Load` field.	Circle one: PASS / FAIL
J.10.9	Select `Big Test Segment` in the `Select Software To Load field`.	`Big Test Segment` is highlighted and the `Disk` column in the `Select Software To Load` field displays `/home1`. If it doesn't, deselect the segment and reselect it. The `Selected` field in the `Available Disks` field changes from `0.0`MB to `0.10`MB.	Circle one: PASS / FAIL
J.10.10	At the bottom of the `Network Installation Server` window select `Load`.	An `ENTER A PASSWORD` dialog box appears asking for the master APM authentication key.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.10.11	Enter the APM Authentication key in the text box.	Asterisks appear in the text box.	Circle one: PASS / FAIL
J.10.12	Click `OK`.	`Big Test Segment` installs correctly and is preceded by an * in the `Select Software To Load` field. `Big Test Segment` appears in the `Segments Currently Loaded On This Network Server` field.	Circle one: PASS / FAIL
J.10.13	Select `Big Test Segment` in the `Segments Currently Loaded On This Network Server` field.	`Big Test Segment` is highlighted and the `Disk` column in the `Select Software To Load` field displays `/home1`.	Circle one: PASS / FAIL
J.10.14	Verify that the following characteristics appear: The `Release Notes` button is available for selection in the `Segments Currently Loaded On This Network Server` field. The `Deinstall Software` button is available for selection. The `Load` button is grayed out. The `Exit` button is available for selection.	The characteristics are displayed as noted.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
J.10.15	Click `Release Notes`.	The `Big Test Segment RELEASE NOTES` are displayed.	Circle one: PASS / FAIL
J.10.16	Click `OK`.	The `RELEASE NOTES` window disappears.	Circle one: PASS / FAIL

J.10.17	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box appears with the message:
		`Do you really want to remove the segments?`
		`Big Test Segment`
			Circle one: PASS / FAIL

J.10.18	Click `Yes`.	`Big Test Segment` deinstalls correctly and is no longer preceded by an * in the `Select Software To Load` field. `Big Test Segment` no longer appears in the `Segments Currently Loaded On This Network Server` field.	Circle one: PASS / FAIL
K	4.11 Local Devices Testing		

	Operator Action	Expected Result	Observed Result
K.1	**Verify Network Installation Server Can Read Table of Contents and Load Segments From A Local Tape Drive (DAT) On the Candidate Platform (kpccp)**		
K.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Network Installation Server` window, click `Select Source` in the `Source` field.	The `Select Source` window appears.	Circle one: PASS / FAIL
K.1.2	In the `Device` field, select `DAT`.	`DAT` is selected.	Circle one: PASS / FAIL

K.1.3	Click `OK`.	The `Network Installation Server` window reappears and the `Source` field displays:
		`Host: LOCAL kpccp`
		`Device: DAT`
			Circle one: PASS / FAIL

K.1.4	Insert the `Test Segment segx` tape into the local device.	The tape drive initializes properly.	Circle one: PASS / FAIL
K.1.5	In the `Source` field, click `Read Contents`.	The `Network Installation Server` reads the Table of Contents. When complete, the `Network Installation Server` displays `Test Segment segx` in the `Select Software To Load` field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
K.1.6	In the `Available Disks` field, select `/h`.	`/h` is highlighted.	Circle one: PASS / FAIL
K.1.7	Select `Test Segment segx`.	`Test Segment segx` is highlighted and the `Disk` column in the `Select Software To Load` field displays `/h`. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL

K.1.8	Click `Release Notes`.	The `RELEASE NOTES` window appears with the following header fields:
		`Name: Test Segment segx`
		`Version: 1.2.3.4`
		`This segment is used when testing Segment Installer.`
			Circle one: PASS / FAIL

K.1.9	Click `OK`.	The `RELEASE NOTES` window disappears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
K.1.10	In the Select Software To Load field, click Requires.	The REQUIRED SEGMENTS window appears with the following header fields: NAME: Test Segment segx VERSION: 1.2.3.4 NAME VERSION COE Component Parent 4.0.0.0	Circle one: PASS / FAIL
K.1.11	Click OK.	The REQUIRED SEGMENTS window disappears.	Circle one: PASS / FAIL
K.1.12	In the Select Software To Load field, click Conflicts.	The CONFLICTING SEGMENTS window appears with the following header fields: NAME: Test Segment segx VERSION: 1.2.3.4 NAME VERSION Dummy Conflict Segment (blank)	Circle one: PASS / FAIL
K.1.13	Click OK.	The CONFLICTING SEGMENTS window disappears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
K.1.14	Click `Load`.	`Test Segment segx` loads accordingly under `/h`. Once loaded, it appears under the `Select Software To Load` field marked by an asterisk and is listed under the `Segments Currently Loaded On This Network Server` field.	Circle one: PASS / FAIL
K.2	**Verify Segment Loads and Deinstalls Correctly On the Candidate Platform (kpccp)**		
K.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). On the `Network Installation Server` menu bar, select `Installed > View Installation Log`.	The `Install Log` window appears.	Circle one: PASS / FAIL
K.2.2	Verify the segment loaded correctly.	The `Install Log` indicates: `Test Segment segx 1.2.3.4 successfully loaded on the kpccp Network Server.`	Circle one: PASS / FAIL
K.2.3	Click `OK`.	The `Install Log` window disappears.	Circle one: PASS / FAIL
K.2.4	In the `Terminal` window, at the command prompt, type `ls /h/NET_SERVER`	The contents of the directory is listed with: `segx:SOFTWARE:1.2.3.4:ALL`	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
K.2.5	In the Network Installation Server window, verify Test Segment segx is listed under Segments Currently Loaded On This Network Server.	Test Segment segx is listed.	Circle one: PASS / FAIL
K.2.6	Under Segments Currently Loaded On This Network Server field select Test Segment segx.	Test Segment segx is highlighted.	Circle one: PASS / FAIL
K.2.7	Click Deinstall Software.	A RESPOND TO THE QUESTION dialog box asks: Do you really want to remove the segments? Test Segment segx	Circle one: PASS / FAIL
K.2.8	Click Yes.	Test Segment segx deinstalls correctly and is no longer preceded by an * in the Select Software To Load field. Test Segment segx no longer appears in the Segments Currently Loaded On This Network Server field.	Circle one: PASS / FAIL
K.2.9	On the Network Installation Server menu bar, select Installed > View Installation Log.	The Install Log window indicates: Segment (Test Segment segx) successfully de-installed.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
K.2.10	Click OK.	The Install Log window disappears.	Circle one: PASS / FAIL
K.3	**Load A Segment To An Alternate** Location On **the Candidate Platform (kpccp)**		
K.3.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the Available Disks field, select /home1.	/home1 is highlighted.	Circle one: PASS / FAIL
K.3.2	In the Select Software to Load field, select Test Segment segx.	Test Segment segx is highlighted and the Disk column in the Select Software To Load field displays /home1. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
K.3.3	Click Load.	Test Segment segx loads accordingly under /home1. Once loaded, it appears under Select Software To Load marked by an asterisk and is listed under Segments Currently Loaded On This Network Server.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
K.4	**Verify Successful Load Of** `Test Segment segx` **On the Alternate Location On the Candidate Platform (kpccp)**		
K.4.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Terminal` window, at the command prompt, type `ls /home1/NET_SERVER`	The contents of the directory is listed with: `segx:SOFTWARE:1.2.3.4:ALL`	Circle one: PASS / FAIL
K.4.2	In the `Network Installation Server` window, select `Test Segment segx` in the `Segments Currently Loaded On This Network Server` field.	`Test Segment segx` is highlighted.	Circle one: PASS / FAIL

K.4.3	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`Test Segment segx`
			Circle one: PASS / FAIL

K.4.4	Click `Yes`.	`Test Segment segx` deinstalls correctly and is no longer preceded by an * in the `Select Software To Load` field. `Test Segment segx` no longer appears in the `Segments Currently Loaded On This Network Server` field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
K.5	**Verify Network Installation Server Can Read Table Of Contents and Load Segments From A Local CD-ROM Drive On the Candidate Platform (kpccp)**		
K.5.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Insert the `KPC Test Data` CD-ROM into the CD-ROM drive.	The CD-ROM is inserted.	Circle one: PASS / FAIL
K.5.2	In the `Network Installation Server` window, click `Select Source` in the `Source` field.	The `Select Source` window appears.	Circle one: PASS / FAIL
K.5.3	In the `Device` field, select `CD-ROM`.	The `Select File` window appears.	Circle one: PASS / FAIL
K.5.4	Enter the following in the `Selection` text box: `/cdrom/kpc_4206/segx.tar`	`/cdrom/kpc_4206/segx.tar` appears in the text box.	Circle one: PASS / FAIL
K.5.5	Click `OK`.	The `Network Installation Server` window reappears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
K.5.6	In the Source field, click Read Contents.	The Network Installation Server reads the Table of Contents. When complete, the Network Installation Server displays the Select Software To Load field.	Circle one: PASS / FAIL
K.5.7	In the Available Disks field, verify /home1 is selected.	/home1 is highlighted.	Circle one: PASS / FAIL
K.5.8	In the Select Software To Load field, select Test Segment segx.	Test Segment segx is highlighted and the Disk column in the Select Software To Load field displays /home1. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
K.5.9	Click Load.	Test Segment segx loads accordingly under /home1. Once loaded, it appears under Select Software To Load marked by an asterisk and is listed under Segments Currently Loaded On This Network Server.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
K.6	**Verify Segment Loads and Deinstalls Correctly On the Candidate Platform (kpccp)**		
K.6.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). On the `Network Installation Server` menu bar, select `Installed > View Installation Log`.	The `Install Log` window appears.	Circle one: PASS / FAIL
K.6.2	Verify the segment loaded correctly.	The `Install Log` indicates: `Test Segment segx 1.2.3.4 successfully loaded on kpccp Network Server.`	Circle one: PASS / FAIL
K.6.3	Click `OK`.	The `Install Log` window disappears.	Circle one: PASS / FAIL
K.6.4	In the `Terminal` window, at the command prompt, type `ls /home1/NET_SERVER`	The contents of the directory is listed with: `segx:SOFTWARE:1.2.3.4:ALL`	Circle one: PASS / FAIL
K.6.5	In the `Network Installation Server` window, verify `Test Segment segx` is listed under `Segments Currently Loaded On This Network Server`.	`Test Segment segx` is listed.	Circle one: PASS / FAIL
K.6.6	In the `Segments Currently Loaded On This Network Server` field, select `Test Segment segx`.	`Test Segment segx` is highlighted.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

K.6.7	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`Test Segment segx`
			Circle one: PASS / FAIL

K.6.8	Click `Yes`.	`Test Segment segx` deinstalls correctly and is no longer preceded by an * in the `Select Software To Load` field. `Test Segment segx` no longer appears in the `Segments Currently Loaded On This Network Server` field.	Circle one: PASS / FAIL
K.6.9	On the `Network Installation Server` menu bar, select `Installed > View Installation Log`.	The `Install Log` window indicates: `Segment (Test Segment segx) successfully de-installed.`	Circle one: PASS / FAIL
K.6.10	Click `OK`.	The `Install Log` window disappears.	Circle one: PASS / FAIL
K.6.11	In the `Terminal` window, at the command prompt, type `ls /home1/NET_SERVER`	No files are listed.	Circle one: PASS / FAIL
K.6.12	At the command prompt type `eject`	The CD-ROM is ejected.	Cleanup

	Operator Action	Expected Result	Observed Result
K.7	**Verify Network Installation Server Can Read Table Of Contents and Load Segments From A Local Other Device On the Candidate Platform (kpccp)**		
K.7.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Network Installation Server` window, click `Select Source` in the `Source` field.	The `Select Source` window appears.	Circle one: PASS / FAIL
K.7.2	In the `Device` field, click `OTHER`.	`OTHER` is selected. A text box appears for manually entering a device path.	Circle one: PASS / FAIL
K.7.3	In the `OTHER` text box, enter the device path of the local tape drive. e.g. `/dev/rmt/0mn`	The text box accepts user input.	Circle one: PASS / FAIL
K.7.4	Click `OK`.	The `Network Installation Server` window reappears with correct information in the `Source` field.	Circle one: PASS / FAIL
K.7.5	Ensure the `Test Segment segx` tape is loaded in the local tape drive and that `/home1` is selected in the `Available Disks` field.	The tape is loaded and `/home1` is selected.	Setup

	Operator Action	Expected Result	Observed Result
K.7.6	In the `Source` field, click `Read Contents`.	The `Network Installation Server` reads the Table of Contents. When complete, The `Network Installation Server` displays the `Select Software To Load` field.	Circle one: PASS / FAIL
K.7.7	In the `Select Software To Load` field, select `Test Segment segx`.	`Test Segment segx` is highlighted and the `Disk` column in the `Select Software To Load` field displays `/home1`. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
K.7.8	Click `Load`.	`Test Segment segx` loads accordingly under `/home1`. Once loaded, it appears under `Select Software To Load` marked by an asterisk and is listed under `Segments Currently Loaded On This Network Server`.	Circle one: PASS / FAIL
K.8	**Verify Segment Loads and Deinstalls Correctly On the Candidate Platform (kpccp)**		
K.8.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). On the `Network Installation Server` menu bar, select `Installed > View Installation Log`.	The `Install Log` window appears.	Circle one: PASS / FAIL
K.8.2	Verify the segment loaded correctly.	The `Install Log` indicates: `Test Segment segx 1.2.3.4 successfully loaded on kpccp Network Server`.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
K.8.3	Click `OK`.	The `Install Log` window disappears.	Circle one: PASS / FAIL
K.8.4	In the `Terminal` window, at the command prompt, type `ls /home1/NET_SERVER`	The contents of the directory is listed with: `segx:SOFTWARE:1.2.3.4:ALL`	Circle one: PASS / FAIL
K.8.5	In the `Network Installation Server` window, verify `Test Segment segx` is listed under `Segments Currently Loaded On This Network Server`.	`Test Segment segx` is listed.	Circle one: PASS / FAIL
K.8.6	In the `Segments Currently Loaded On This Network Server` field, select `Test Segment segx`.	`Test Segment segx` is highlighted.	Circle one: PASS / FAIL

K.8.7	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`Test Segment segx`
			Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
K.8.8	Click `Yes`.	`Test Segment segx` deinstalls correctly and is no longer preceded by an * in the `Select Software To Load` field. `Test Segment segx` no longer appears in the `Segments Currently Loaded On This Network Server` field.	Circle one: PASS / FAIL
K.8.9	On the `Network Installation Server` menu bar, select `Installed > View Installation Log`.	The `Install Log` window indicates: `Segment (Test Segment segx) successfully de-installed`.	Circle one: PASS / FAIL
K.8.10	Click `OK`.	The `Install Log` window disappears.	Circle one: PASS / FAIL
K.8.11	In the `Terminal` window, at the command prompt, type `ls /home1/NET_SERVER`	No files are listed.	Circle one: PASS / FAIL
K.8.12	At the command prompt type `mt rewoffl`	The tape is ejected.	Cleanup

	Operator Action	Expected Result	Observed Result
K.9	**Verify Segments Can Be Read and Load Segments From A Local Tape Drive (Select Source - EXABYTE) Optional test if vendor supports Exabyte drives**		
L	4.12 Remote Device Testing		
L.1	**Verify Segments Can Be Read, Installed, and De-installed From A Remote Tape Device (DAT) On the Candidate Platform (kpccp)**		
L.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Network Installation Server` window, click `Select Source` in the `Source` field.	The `Select Source` window appears.	Circle one: PASS / FAIL
L.1.2	In the `Host` field, select `REMOTE`.	`REMOTE` is selected and a `NAME` text box appears.	Circle one: PASS / FAIL
L.1.3	Type `kpchost` in the `NAME` text box.	`kpchost` appears in the `NAME` text box.	Circle one: PASS / FAIL
L.1.4	In the `Device` field, select `DAT`.	`DAT` is selected.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
L.1.5	Click OK.	The Select Source window disappears. In the Source window of the Network Installation Server, the Host: entry says REMOTE and the correct machine name. Also the Device: entry selects the tape device you are using.	Circle one: PASS / FAIL
L.1.6	Insert the Test Segment segx tape into the remote device.	The tape drive initializes properly.	Circle one: PASS / FAIL
L.1.7	In the Source field, click Read Contents.	The Network Installation Server reads the Table of Contents. When complete, The Network Installation Server displays the Select Software To Load field.	Circle one: PASS / FAIL
L.1.8	Select Test Segment segx.	Test Segment segx is highlighted and the Disk column in the Select Software To Load field displays /home1. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
L.1.9	Click Load.	The segment loads under /home1. Once loaded, it appears under Select Software To Load marked by an asterisk and is listed under Segments Currently Loaded On This Network Server.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
L.1.10	In the Segments Currently Loaded On This Network Server field, select Test Segment segx.	Test Segment segx is highlighted.	Circle one: PASS / FAIL
L.1.11	Click Deinstall Software.	A RESPOND TO THE QUESTION dialog box asks: Do you really want to remove the segments? Test Segment segx	Circle one: PASS / FAIL
L.1.12	Click Yes.	Test Segment segx deinstalls correctly and is no longer preceded by an * in the Select Software To Load field. Test Segment segx no longer appears in the Segments Currently Loaded On This Network Server field.	Circle one: PASS / FAIL
L.2	**Verify Segments Can Be Read, Installed, and De-installed From A Remote OTHER Device On the Candidate Platform (kpccp)**		
L.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the Network Installation Server window, click Select Source in the Source field.	The Select Source window appears.	Circle one: PASS / FAIL
L.2.2	In the Host field verify that REMOTE is selected.	REMOTE is selected.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
L.2.3	In the Device field, click OTHER.	A text box appears to the right of the OTHER device selection.	Circle one: PASS / FAIL
L.2.4	In the OTHER text box, enter the appropriate device path for the remote tape drive, e.g., /dev/rmt/0mn.	/dev/rmt/0mn appears in the text box.	Circle one: PASS / FAIL
L.2.5	Click OK.	The Select Source window disappears. In the Source window of the Network Installation Server, the Host: entry says REMOTE and the correct machine name. Also the Device: entry displays the other device path.	Circle one: PASS / FAIL
L.2.6	Under Source, click Read Contents.	The Network Installation Server window will expand down to add a Select Software To Load section.	Circle one: PASS / FAIL
L.2.7	Select Test Segment segx.	Test Segment segx is highlighted and the Disk column in the Select Software To Load field displays /home1. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
L.2.8	Click Load.	The segment loads under /home1. Once loaded, it appears under Select Software To Load marked by an asterisk and is listed under Segments Currently Loaded On This Network Server.	Circle one: PASS / FAIL
L.2.9	In the Segments Currently Loaded On This Network Server field, select Test Segment segx.	Test Segment segx is highlighted.	Circle one: PASS / FAIL
L.2.10	Click Deinstall Software.	A RESPOND TO THE QUESTION dialog box asks: Do you really want to remove the segments? Test Segment segx	Circle one: PASS / FAIL
L.2.11	Click Yes.	Test Segment segx deinstalls correctly and is no longer preceded by an * in the Select Software To Load field. Test Segment segx no longer appears in the Segments Currently Loaded On This Network Server field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
L.2.12	**NOTE:** Perform the following steps on the Validation Host (kpchost). At the command prompt type `mt rewoffl`	The tape is ejected.	Cleanup
L.3	**Verify Segments Can Be Read, Installed, and De-installed From A Remote DISK Drive On the Candidate Platform (kpccp)**		
L.3.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Network Installation Server` window, click `Select Source`, in the `Source` field.	The `Select Source` window appears.	Circle one: PASS / FAIL
L.3.2	In the `Host` field, click `REMOTE`.	`REMOTE` is selected.	Circle one: PASS / FAIL
L.3.3	Type `kpchost` in the `NAME` text box.	`kpchost` appears in the `NAME` text box.	Circle one: PASS / FAIL
L.3.4	In the `Device` field, click `DISK`.	The `Select File` window appears.	Circle one: PASS / FAIL
L.3.5	In the `Filter` text box type: `/kpchostdsk/si/* [r]`	`/kpchostdsk/si/*` appears in the text box.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
L.3.6	In the Files field, double-click bigseg.tar.	The Select File window disappears. The Network Installation Server window reappears.	Circle one: PASS / FAIL
L.3.7	Click Read Contents.	The Network Installation Server window returns with Big Test Segment appearing in the Select Software To Load field.	Circle one: PASS / FAIL
L.3.8	Select Big Test Segment in the Select Software to Load field.	Big Test Segment is highlighted and the Disk column in the Select Software To Load field displays /home1. If it doesn't, deselect the segment and reselect it. The Selected field in the Available Disks field changes from 0.0MB to 0.10MB.	Circle one: PASS / FAIL
L.3.9	At the bottom of the Network Installation Server window, click Load.	Big Test Segment loads accordingly under /home1. Once loaded, it appears under Select Software To Load marked by an asterisk and is listed under Segments Currently Loaded On This Network Server.	Circle one: PASS / FAIL
L.3.10	In the Segments Currently Loaded On This Network Server field, select Big Test Segment.	Big Test Segment is highlighted.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

L.3.11	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box appears with the message:
		`Do you really want to remove the segments?`
		`Big Test Segment`
			Circle one: PASS / FAIL

L.3.12	Click `Yes`.	`Big Test Segment` deinstalls correctly and is not preceded by an * in the `Select Software To Load` field. `Big Test Segment` no longer appears in the `Segments Currently Loaded On This Network Server` field.	Circle one: PASS / FAIL
L.3.13	Click `Exit`.	The `Network Installation Server` window disappears.	Circle one: PASS / FAIL
L.4	**Verify Segments Can Be Read and Loaded From A Remote CD-ROM Drive**		
L.4.1	**NOTE:** Perform the following steps on the Validation host (kpchost). Insert the `KPC Test Data` CD-ROM into the CD-ROM drive.	The CD-ROM is inserted.	Setup
L.4.2	In the `Terminal` window, at the command prompt type `share -o ro=kpccp /cdrom/kpc_4206`	The command prompt returns.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

L.4.3	At the command prompt type
	`share`
		The following text is displayed:
		`/kpc ro=kpccp`
		`/home2 ro,root=kpccp`
		`/cdrom/kpc_4206 ro=kpccp`
			Circle one: PASS / FAIL

L.4.4	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Terminal` window type: `mount kpchost:/cdrom/kpc_4206 [s] /kpchostcdrom`	The command prompt returns.	Circle one: PASS / FAIL
L.4.5	In the `Applications Manager – Sys Admin` window, double click `Network Installation Server`.	The `Network Installation Server` window appears.	Circle one: PASS / FAIL
L.4.6	In the `Source` field, click `Select Source`.	The `Select Source` window appears.	Circle one: PASS / FAIL
L.4.7	In the `Host` field, select `REMOTE`.	`REMOTE` is selected and a `NAME` text box appears.	Circle one: PASS / FAIL
L.4.8	Type `kpchost` in the `NAME` text box.	`kpchost` appears in the `NAME` text box.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
L.4.9	In the `Device` field, click `CD-ROM`.	The `Select File` window appears.	Circle one: PASS / FAIL
L.4.10	Enter the following in the `Selection` text box: `/kpchostcdrom/segx.tar`	`/kpchostcdrom/segx.tar` appears in the text box.	Circle one: PASS / FAIL
L.4.11	Click `OK`.	The `Network Installation Server` window reappears.	Circle one: PASS / FAIL
L.4.12	In the `Source` field, click `Read Contents`.	The `Network Installation Server` reads the Table of Contents. When complete, the `Network Installation Server` displays the `Select Software To Load` field.	Circle one: PASS / FAIL
L.4.13	In the `Available Disks` field select `/home1`.	`/home1` is highlighted.	Circle one: PASS / FAIL
L.4.14	In the `Select Software to Load` field, select `Test Segment segx`.	`Test Segment segx` is highlighted and the `Disk` column in the `Select Software To Load` field displays `/home1`. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
L.4.15	Click `Load`.	An `ENTER A PASSWORD` dialog box appears asking for the master APM authentication key.	Circle one: PASS / FAIL
L.4.16	Enter the Master APM Authentication key in the text box.	Asterisks appear in the text box.	Circle one: PASS / FAIL
L.4.17	Click `OK`.	`Test Segment segx` loads accordingly under `/home1`. Once loaded, it appears under `Select Software To Load` marked by an asterisk and is listed under `Segments Currently Loaded On This Network Server`.	Circle one: PASS / FAIL
L.4.18	In the `Segments Currently Loaded On This Network Server` field, select `Test Segment segx`.	`Test Segment segx` is highlighted.	Circle one: PASS / FAIL

L.4.19	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`Test Segment segx`
			Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
L.4.20	Click `Yes`.	`Test Segment segx` deinstalls correctly and is no longer preceded by an * in the `Select Software To Load` field. `Test Segment segx` no longer appears in the `Segments Currently Loaded On This Network Server` field.	Circle one: PASS / FAIL
L.4.21	Click `Exit`.	The `Network Installation Server` window closes.	Circle one: PASS / FAIL
L.5	**Cleanup – Eject the CD-ROM on the Validation Host (kpchost)**		
L.5.1	**NOTE:** Perform the following steps on the Validation Host (kpchost). In the `Terminal` window, at the command prompt type `unshare /cdrom/kpc_4206`	The command prompt returns.	Cleanup

L.5.2	At the command prompt type
	`share`
		The following text is displayed:
		`/kpc ro=kpccp`
		`/home2 ro,root=kpccp`
			Cleanup

L.5.3	At the command prompt type `eject`	The CD-ROM is ejected.	Cleanup

	Operator Action	Expected Result	Observed Result
L.6	**Verify Segments Can Be Read and Load Segments From A Remote Tape Drive (Select Source - EXABYTE)** **Optional test if vendor supports Exabyte drives**		**Circle one: PASS / FAIL**
M	4.13 Network Installation Server / Network Installation Server Testing – Load Many Segments		
M.1	**Network Installation Server / Network Installation Server - Main Window On the Candidate Platform (kpccp)**		
M.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp) In the Application Manager – SysAdm window, double-click Network Installation Server.	The Network Installation Server window appears.	Circle one: PASS / FAIL
M.1.2	In the Network Installation Server window, select the /home2 partition in the Available Disks field.	/home2 is highlighted.	Circle one: PASS / FAIL
M.1.3	In the Source field, click Select Source.	The Select Source window appears.	Circle one: PASS / FAIL
M.1.4	In the Host field, verify LOCAL is selected.	LOCAL is selected.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
M.1.5	In the Device field, select DISK.	The Select File window appears.	Circle one: PASS / FAIL
M.1.6	In the Filter text box type /kpc/si/* [r]	/kpc/si/* appears in the text box.	Circle one: PASS / FAIL
M.1.7	In the Files field, double-click bigseg.tar.	The Select File window disappears. The Network Installation Server window reappears.	Circle one: PASS / FAIL
M.1.8	In the Source field, click Read Contents.	The Network Installation Server window returns with Big Test Segment appearing in the Select Software To Load field.	Circle one: PASS / FAIL
M.1.9	Select Big Test Segment in the Select Software to Load field.	Big Test Segment is highlighted and the Disk column in the Select Software To Load field displays /home2. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
M.1.10	At the bottom of the Network Installation Server window, click Load.	An ENTER A PASSWORD dialog box appears asking for the master APM authentication key.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
M.1.11	Enter the APM Authentication key in the text box.	Asterisks appear in the text box.	Circle one: PASS / FAIL
M.1.12	Click OK.	Big Test Segment installs correctly and is preceded by an * in the Select Software To Load field. Big Test Segment appears in the Segments Currently Loaded On This Network Server field.	Circle one: PASS / FAIL
M.1.13	In the Source field, click Select Source.	The Select Source window appears.	Circle one: PASS / FAIL
M.1.14	In the Device field, select DISK.	The Select File window appears.	Circle one: PASS / FAIL
M.1.15	In the Files field, double-click badcpu.tar.	The Select File window disappears. The Network Installation Server window reappears.	Circle one: PASS / FAIL
M.1.16	In the Source field, click Read Contents.	The Network Installation Server window returns with Bad CPU Test Segment appearing in the Select Software To Load field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
M.1.17	Select `Bad CPU Test Segment` in the `Select Software to Load` field.	`Bad CPU Test Segment` is highlighted and the `Disk` column in the `Select Software To Load` field displays `/home2`. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
M.1.18	At the bottom of the `Network Installation Server` window, click `Load`.	`Bad CPU Test Segment` installs correctly and is preceded by an * in the `Select Software To Load` field. `Bad CPU Test Segment` appears in the `Segments Currently Loaded On This Network Server` field.	Circle one: PASS / FAIL
M.1.19	In the `Source` field, click `Select Source`.	The `Select Source` window appears.	Circle one: PASS / FAIL
M.1.20	In the `Device` field, select `DISK`.	The `Select File` window appears.	Circle one: PASS / FAIL
M.1.21	In the `Files` field, double-click `community.tar`.	The `Select File` window disappears. The `Network Installation Server` window reappears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
M.1.22	In the Source field, click Read Contents.	The Network Installation Server window returns with Community Test Segment appearing in the Select Software To Load field.	Circle one: PASS / FAIL
M.1.23	Select Community Test Segment in the Select Software to Load field.	Community Test Segment is highlighted and the Disk column in the Select Software To Load field displays /home2. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
M.1.24	At the bottom of the Network Installation Server window, click Load.	Community Test Segment installs correctly and is preceded by an * in the Select Software To Load field. Community Test Segment appears in the Segments Currently Loaded On This Network Server field.	Circle one: PASS / FAIL
M.1.25	In the Source field, click Select Source.	The Select Source window appears.	Circle one: PASS / FAIL
M.1.26	In the Device field, select DISK.	The Select File window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
M.1.27	In the Files field, double-click conflicts.tar.	The Select File window disappears. The Network Installation Server window reappears.	Circle one: PASS / FAIL
M.1.28	In the Source field, click Read Contents.	The Network Installation Server window returns with Conflicts Test Segment appearing in the Select Software To Load field.	Circle one: PASS / FAIL
M.1.29	Select Conflicts Test Segment in the Select Software to Load field.	Conflicts Test Segment is highlighted and the Disk column in the Select Software To Load field displays /home2. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
M.1.30	At the bottom of the Network Installation Server window, click Load.	Conflicts Test Segment installs correctly and is preceded by an * in the Select Software To Load field. Conflicts Test Segment appears in the Segments Currently Loaded On This Network Server field.	Circle one: PASS / FAIL
M.1.31	In the Source field, click Select Source.	The Select Source window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
M.1.32	In the Device field, select DISK.	The Select File window appears.	Circle one: PASS / FAIL
M.1.33	In the Files field, double-click req_segy.tar.	The Select File window disappears. The Network Installation Server window reappears.	Circle one: PASS / FAIL
M.1.34	In the Source field, click Read Contents.	The Network Installation Server window returns with Requires Test Segment and Test Segment segy appearing in the Select Software To Load field.	Circle one: PASS / FAIL
M.1.35	Select Requires Test Segment and Test Segment segy in the Select Software To Load field.	Requires Test Segment and Test Segment segy are highlighted.	Circle one: PASS / FAIL
M.1.36	At the bottom of the Network Installation Server window, click Load.	Requires Test Segment and Test Segment segy installs correctly and is preceded by an * in the Select Software To Load field. Requires Test Segment and Test Segment segy appear in the Segments Currently Loaded On This Network Server field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
M.1.37	In the `Source` field, click `Select Source`.	The `Select Source` window appears.	Circle one: PASS / FAIL
M.1.38	In the `Device` field, select `DISK`.	The `Select File` window appears.	Circle one: PASS / FAIL
M.1.39	In the `Files` field, double-click `segx.tar`.	The `Select File` window disappears. The `Network Installation Server` window reappears.	Circle one: PASS / FAIL
M.1.40	In the `Source` field, click `Read Contents`.	The `Network Installation Server` window returns with `Test Segment segx` appearing in the `Select Software To Load` field.	Circle one: PASS / FAIL
M.1.41	Select `Test Segment segx` in the `Select Software to Load` field.	`Test Segment segx` is highlighted and the `Disk` column in the `Select Software To Load` field displays `/home2`. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
M.1.42	At the bottom of the `Network Installation Server` window, click `Load`.	`Test Segment segx` installs correctly and is preceded by an * in the `Select Software To Load` field. `Test Segment segx` appears in the `Segments Currently Loaded On This Network Server` field.	Circle one: PASS / FAIL
M.1.43	In the `Source` field, click `Select Source`.	The `Select Source` window appears.	Circle one: PASS / FAIL
M.1.44	In the `Device` field, click `DISK`.	The `Select File` dialog box appears.	Circle one: PASS / FAIL
M.1.45	In the `Files` field, double-click `all_types.tar`.	The `Network Installation Server` window reappears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
M.1.46	In the Source field, click Read Contents. **NOTE:** Resize the Network Installation Server window to view all segments.	The following segments appear in the Select Software to Load field: Sample Aggregate Segment Sample Account Group Segment Sample COE Child Segment Sample COTS Segment Sample Data-Global Segment Sample Data-Local Segment Sample Data-Segment Segment Sample Software Segment SampleSW.P1	Circle one: PASS / FAIL
M.1.47	Select all segments in the Select Software To Load field.	All requested segments in the Select Software To Load field are highlighted.	Circle one: PASS / FAIL
M.1.48	Click Load.	All the selected segments install correctly and are preceded by an * in the Select Software To Load field. All the selected segments appear in the Segments Currently Loaded On This Network Server field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
M.2	**Verify Segments Loaded Correctly On the** `Network Installation Server` **On the Candidate Platform (kpccp)**		
M.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp) In the Terminal window at the command prompt type `cd /home2`	The command prompt returns.	Circle one: PASS / FAIL
M.2.2	At the command prompt type `ls -l`	The list includes `NET_SERVER`.	Circle one: PASS / FAIL
M.2.3	At the command prompt type `cd NET_SERVER`	The command prompt returns.	Circle one: PASS / FAIL
M.2.4	At the command prompt type `ls -l`	The list includes the 17 segments listed in the `Segments Currently Loaded On This Network Server` field. **NOTE:** `Sample Aggregate Child` is not listed on the `Network Installation Server.`	Circle one: PASS / FAIL
M.2.5	At the command prompt type `cd bigseg:SOFTWARE:1.2.3.4:ALL`	The command prompt returns.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

M.2.6	At the command prompt type
	`ls -l`
		One file and one directory appear:
		`SegDescrip`
		`bigseg:SOFTWARE:1.2.3.4:ALL.tar`
			Circle one: PASS / FAIL

M.2.7	At the command prompt type `cd /h/data/global/SysAdm/TOC`	The command prompt returns	Circle one: PASS / FAIL
M.2.8	At the command prompt type `ls -l`	The list includes the 17 segments listed in the `Segments Currently Loaded On This Network Server` field.	Circle one: PASS / FAIL
M.2.9	At the command prompt type `cd bigseg:SOFTWARE:1.2.3.4:ALL`	The command prompt returns.	Circle one: PASS / FAIL
M.2.10	At the command prompt type `ls -l`	The directory `SegDescrip` appears.	Circle one: PASS / FAIL
M.2.11	At the command prompt type `cd SegDescrip`	The command prompt returns	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

M.2.12	At the command prompt type
	`ls -l`
		The following files appear:
		`DEINSTALL`
		`FileAtttribs`
		`ReleaseNotes`
		`SegInfo`
		`SegName`
		`VERSION`
		`Validated`
		`cpp`
			Circle one: PASS / FAIL

N	Verify Segment Installer On the Candidate Platform (kpccp) Can Read Table Of Contents and Install Segments From the **Network** Installation Server / Network Installation Server		
N.1	**`Network Installation Server` - Main Window On the Candidate Platform (kpccp)**		
N.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Application Manager – SysAdm` window, double-click `Segment Installer`.	The `Installer` window appears.	Circle one: PASS / FAIL
N.1.2	In the `Available Disks` field, select `/h`.	`/h` is highlighted and the `Disk` column in the `Select Software To Install` field displays `/h`. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
N.1.3	In the `Installer` window, click `Select Source` in the `Source` field.	The `Select Source` window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
N.1.4	In the `Device` field, click `NETWORK`.	`NETWORK` is selected.	Circle one: PASS / FAIL
N.1.5	Click `OK`.	The `Installer` window appears.	Circle one: PASS / FAIL
N.1.6	In the `Source` field, click `Read Contents`.	The `Installer` reads the Table of Contents. When complete, the `Installer` displays a `Select Software To Install` field.	Circle one: PASS / FAIL
N.1.7	In the `Select Software to Install` field, select `Test Segment segx`.	`Test Segment segx` is highlighted and the `Disk` column in the `Select Software To Install` field displays `/h`. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
N.1.8	Click `Install`.	An `ENTER A PASSWORD` dialog box appears.	Circle one: PASS / FAIL
N.1.9	Enter the Master APM Authentication key in the text box.	Asterisks appear in the text box.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
N.1.10	Click `OK`.	`Test Segment segx` installs accordingly under `/h`. Once installed, it appears under `Select Software To Install` marked by an asterisk and is listed under `Currently Installed Segments`.	Circle one: PASS / FAIL
N.2	**Verify Segment Installs and Deinstalls Correctly On the Candidate Platform (kpccp)**		
N.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). On the `Installer` menu bar, select `Installed > View Installation Log`.	The `Install Log` window appears.	Circle one: PASS / FAIL
N.2.2	Verify the segment installed correctly.	The `Install Log` indicates: `Segment (Test Segment segx) successfully installed.`	Circle one: PASS / FAIL
N.2.3	Click `OK`.	The `Install Log` window disappears.	Circle one: PASS / FAIL
N.2.4	At the command prompt type `ls -l /h/segx`	The directory `segx` is listed with `Integ`, `Scripts`, `SegDescrip`, `bin`, and `data` subdirectories.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
N.2.5	In the `Installer` window, select `Test Segment segx` in the `Currently Installed Segments` field.	`Test Segment segx` is highlighted.	Circle one: PASS / FAIL

N.2.6	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`Test Segment segx`
			Circle one: PASS / FAIL

N.2.7	Click `Yes`.	`Test Segment segx` deinstalls correctly and is no longer preceded by an * in the `Select Software To Install` field. `Test Segment segx` no longer appears in the `Currently Installed Segments` field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
O	Verify Segment Installer On the Validation Host (kpchost) Can **Read Table of Contents and Install Segments From the** `Network Installation Server / Network Installation Server`		
O.1	**`Segment Installer` - Main Window On the Validation Host (kpchost)**		
O.1.1	**NOTE:** Perform the following steps on the Validation Host (kpchost) In the `Application Manager – SysAdm` window, double-click `Segment Installer`.	The `Installer` window appears.	Circle one: PASS / FAIL
O.1.2	In the `Available Disks` field, select `/h`.	`/h` is highlighted.	Circle one: PASS / FAIL
O.1.3	In the `Installer` window, click `Select Source` in the `Source` field.	The `Select Source` window appears.	Circle one: PASS / FAIL
O.1.4	In the `Device` field, click `NETWORK`.	`NETWORK` is selected.	Circle one: PASS / FAIL
O.1.5	Click `OK`.	The `Installer` window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
O.1.6	In the `Source` field, click `Read Contents`.	The `Installer` reads the Table of Contents. When complete, the `Installer` displays a `Select Software To Install` field.	Circle one: PASS / FAIL
O.1.7	In the `Select Software to Install` field, select `Test Segment segx`.	`Test Segment segx` is highlighted and the `Disk` column in the `Select Software To Install` field displays `/h`. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
O.1.8	Click `Install`.	An `ENTER A PASSWORD` dialog box appears.	Circle one: PASS / FAIL
O.1.9	Enter the Master APM Authentication key in the text box.	Asterisks appear in the text box.	Circle one: PASS / FAIL
O.1.10	Click `OK`.	`Test Segment segx` installs accordingly under `/h`. Once installed, it appears under `Select Software To Install` marked by an asterisk and is listed under `Currently Installed Segments`.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
O.2	**Verify Segment Installs and Deinstalls Correctly On the Validation Host (kpchost)**		
O.2.1	**NOTE:** Perform the following steps on the Validation Host (kpchost). On the `Installer` menu bar, select `Installed > View Installation Log`.	The `Install Log` window appears.	Circle one: PASS / FAIL
O.2.2	Verify the segment installed correctly.	The `Install Log` indicates: `Segment (Test Segment segx) successfully installed`.	Circle one: PASS / FAIL
O.2.3	Click `OK`.	The `Install Log` window disappears.	Circle one: PASS / FAIL
O.2.4	At the command prompt type `ls -l /h/segx`	The directory `segx` is listed with `Integ`, `Scripts`, `SegDescrip`, `bin`, and `data` subdirectories.	Circle one: PASS / FAIL
O.2.5	In the `Installer` window, select `Test Segment segx` in the `Currently Installed Segments` field.	`Test Segment segx` is highlighted.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result

O.2.6	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`Test Segment segx`
			Circle one: PASS / FAIL

O.2.7	Click `Yes`.	`Test Segment segx` deinstalls correctly and is no longer preceded by an * in the `Select Software To Install` field. `Test Segment segx` no longer appears in the `Currently Installed Segments` field.	Circle one: PASS / FAIL
O.2.8	On the `Network Installation Server` menu bar, select `Installed > View Installation Log`.	The `Install Log` indicates: `Segment (Test Segment segx) successfully de-installed.`	Circle one: PASS / FAIL
O.2.9	Click `OK`.	The `Install Log` window disappears.	Circle one: PASS / FAIL
O.2.10	Click `Exit` in the bottom menu bar of the `Installer` window.	The `Installer` window disappears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
P	**4.14** Network Installation Server / Network Installation Server Testing – Verify Segments Deinstall Correctly		
P.1	**`Network Installation Server / Network Installation Server` - Main Window On the Candidate Platform (kpccp)**		
P.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Segments Currently Loaded On This Network Server` field of the `Network Installation Server`, select all 16 segments.	All 16 segments are highlighted.	Circle one: PASS / FAIL
P.1.2	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks: `Do you really want to remove the segments?` (16 segments are listed).	Circle one: PASS / FAIL
P.1.3	Click `Yes`.	The segments de-install and are not listed under `Segments Currently Loaded On This Network Server`. **Note**: A known problem may prevent the last segment in the list from being unloaded. If this occurs, select the remaining segment and unload it. This is not a failure of this step	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
P.1.4	On the Network Installation Server menu bar, select Installed > View Installation Log.	The Install Log indicates: (all test segments) successfully de-installed.	Circle one: PASS / FAIL
P.1.5	Click OK.	The Install Log window disappears.	Circle one: PASS / FAIL
P.1.6	Click Exit in the bottom menu bar of the Network Installation Server.	The Network Installation Server window disappears.	Circle one: PASS / FAIL
Q	**4.15** Network Installation Server / Network Installation Server Testing – Load Segment		
Q.1	**Network Installation Server / Network Installation Server - Main Window On the Validation Host (kpchost)**		
Q.1.1	**NOTE:** Perform the following steps on the Validation Host (kpchost). In the Network Installation Server window, select the /home2 partition in the Available Disks field.	/home2 is highlighted.	Circle one: PASS / FAIL
Q.1.2	In the Source field click Select Source.	The Select Source window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
Q.1.3	In the `Host` field, verify `LOCAL` is selected.	`LOCAL` is selected.	Circle one: PASS / FAIL
Q.1.4	In the `Device` field, select `DISK`.	The `Select File` window appears.	Circle one: PASS / FAIL
Q.1.5	In the `Filter` text, box type `/kpc/si/* [r]`	`/kpc/si/*` appears in the text box.	Circle one: PASS / FAIL
Q.1.6	In the `Files` field, double-click `bigseg.tar.`	The `Select File` window disappears. The `Network Installation Server` window reappears.	Circle one: PASS / FAIL
Q.1.7	In the `Source` field, click `Read Contents`.	The `Network Installation Server` window returns with `Big Test Segment` appearing in the `Select Software To Load` field.	Circle one: PASS / FAIL
Q.1.8	Select `Big Test Segment` in the `Select Software To Load` field.	`Big Test Segment` is highlighted and the `Disk` column in the `Select Software To Load` field displays `/home2`. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
Q.1.9	At the bottom of the Network Installation Server window, click Load.	Big Test Segment installs correctly and is preceded by an * in the Select Software To Load field. Big Test Segment appears in the Segments Currently Loaded On This Network Server field.	Circle one: PASS / FAIL
R	**4.16** Verify Segment Installer On the Candidate Platform (kpccp) Can Read Table Of Contents and Install Segments From the Network Installation Server / Network Installation Server		
R.1	**Segment Installer - Main Window On the Candidate Platform (kpccp)**		
R.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the Available Disks field of the Installer window, select /h.	/h is highlighted.	Circle one: PASS / FAIL
R.1.2	In the Installer window, click Select Source in the Source field.	The Select Source window appears.	Circle one: PASS / FAIL
R.1.3	In the Device field, click NETWORK.	NETWORK is selected.	Circle one: PASS / FAIL
R.1.4	Click OK.	The Installer window appears.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
R.1.5	In the `Source` field, click `Read Contents`.	The `Installer` reads the Table of Contents. When complete, the `Installer` displays a `Select Software To Install` field.	Circle one: PASS / FAIL
R.1.6	In the `Select Software To Install` field, select `Big Test Segment`.	`Big Test Segment` is highlighted and the `Disk` column in the `Select Software To Install` field displays `/h`. If it doesn't, deselect the segment and reselect it.	Circle one: PASS / FAIL
R.1.7	Click `Install`.	`Big Test Segment` installs accordingly under `/h`. Once installed, it appears under `Select Software To Install` marked by an asterisk and is listed under `Currently Installed Segments`.	Circle one: PASS / FAIL
R.2	**Verify Segment Installs and Deinstalls Correctly On the Candidate Platform (kpccp)**		
R.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). On the `Installer` menu bar, select `Installed > View Installation Log`.	The `Install Log` window appears. **Note:** If the `Network Installation Server` died previously and was re-opened, the `Installation Log` will not be available. Skip this and the next two steps.	Circle one: PASS / FAIL
R.2.2	Verify the segment installed correctly.	The `Install Log` indicates: `Segment (Big Test Segment) successfully installed.`	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
R.2.3	Click `OK`.	The `Install Log` window disappears.	Circle one: PASS / FAIL
R.2.4	At the command prompt type `ls -l /h/bigseg`	The directory `bigseg` is listed with `Integ`, `Scripts`, `SegDescrip`, `bin`, and `data` subdirectories.	Circle one: PASS / FAIL
R.2.5	In the `Installer` window, select `Big Test Segment` in the `Currently Installed Segments` field.	`Big Test Segment` is highlighted.	Circle one: PASS / FAIL

R.2.6	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`Big Test Segment`
			Circle one: PASS / FAIL

R.2.7	Click `Yes`.	`Big Test Segment` deinstalls correctly and is no longer preceded by an * in the `Select Software To Install` field. `Big Test Segment` no longer appears in the `Currently Installed Segments` field.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
R.2.8	Click `Exit` in the bottom menu bar of the `Installer` window.	The `Installer` window disappears.	Circle one: PASS / FAIL
S	**4.17** `Network Installation Server / Network Installation Server` Testing – Verify Segments De-install Correctly		
S.1	**`Network Installation Server / Network Installation Server` - Main Window On the Validation Host (kpchost)**		
S.1.1	**NOTE:** Perform the following steps on the Validation Host (kpchost). In the `Segments Currently Loaded On This Network Server` field, select `Big Test Segment`.	`Big Test Segment` is highlighted.	Cleanup

S.1.2	Click `Deinstall Software`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`Big Test Segment`
			Cleanup

S.1.3	Click `Yes`.	The segment de-installs and is no longer listed under the `Segments Currently Loaded On This Network Server` field.	Cleanup

	Operator Action	Expected Result	Observed Result
S.1.4	Click `Exit` in the bottom menu bar of the `Network Installation Server`.	The `Network Installation Server` window disappears.	Cleanup

	Operator Action	Expected Result	Observed Result
T	**4.18** Launch `Segment Installer` From the Command Line		
T.1	**Launch `Segment Installer` From the Command Line On the Candidate Platform (kpccp)**		
T.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Open a new `Terminal` window.	A `Terminal` window appears with a command line prompt.	Startup

	Operator Action	Expected Result	Observed Result
T.1.2	At the command prompt type `/h/COE/bin/COEInstaller –h`	The following appears: Usage: COEInstaller [flags} -h –H Display this help message. -c <file> Read command line arguments from the named <file>. -d Set the debug flag. -s Run in installation server mode. -v Show verbose messages while the tool runs. -V Display the tool's version number. -w Suppress all warnings. `This tool displays a list of configuration definitions or segments that may be installed from tape, disk (e.g., a network segment server), or other electronic media. By default, this tool does not write any output to stdout. This tool writes information to a status log that indicates installation progress, which segments have been installed, and other information that might be useful to the site administrator.`	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
T.1.3	In the `Terminal` window, at the command prompt type the following as `sysadmin`: `/h/COE/bin/COEInstaller -v`	The `Installer` window opens.	Circle one: PASS / FAIL
T.1.4	Click `Exit` in the bottom menu bar of the `Installer`.	The `Installer` window disappears.	Circle one: PASS / FAIL
T.1.5	In the `Terminal` window select `Window > Close`	The `Terminal` window closes.	Circle one: PASS / FAIL

	Operator Action	Expected Result	Observed Result
U	4.19 Segment Installation Post Test Cleanup Candidate Platform Cleanup **NOTE: These steps restore the Test Cell to pretest conditions.** ***These steps or a restore from backup may be preformed at the tester's discretion.***		
U.1	**Launch `Edit Local Hosts` and Remove kpchost Entry On the Candidate Platform (kpccp)**		
U.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the `Application Manager - SysAdm` window, double-click `Edit Local Hosts`.	The `Edit Hosts` window appears.	Cleanup
U.1.2	Select `kpchost`.	`kpchost` is highlighted.	Cleanup
U.1.3	Click `Delete`.	A `Confirmation Required` window appears.	Cleanup
U.1.4	Click `Yes`.	The `Confirmation Required` window disappears.	Cleanup
U.1.5	Click `Close`.	The `Edit Hosts` window disappears.	Cleanup

	Operator Action	Expected Result	Observed Result
U.2	**Modify `/etc/inetd.conf` and `/.rhosts` To Disable rsh (Close Security For Remote Shell) On the Candidate Platform (kpccp)**		
U.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the Terminal window, at the command prompt type `su` **NOTE:** Do not use the "`-`" option.	The `Password` prompt appears.	Cleanup
U.2.2	Enter the `root` password.	The command prompt returns.	Cleanup
U.2.3	At the command prompt type `csh`	The command prompt returns.	Cleanup
U.2.4	In the `Terminal` window, at the command prompt type `vi /etc/inetd.conf`	The file `/etc/inetd.conf` is opened for editing.	Cleanup
U.2.5	Type `/shell`	The vi editor will place the cursor on the line that contains: `shell`	Cleanup

U.2.6	Type
	`n`
	until the cursor is at the beginning of the line containing
	`shell stream tcp nowait root`
		The cursor is over the `s` on the line with
		`shell stream tcp nowait root`
			Cleanup

	Operator Action	Expected Result	Observed Result
U.2.7	Type `i`	The vi editor will enter insert mode.	Cleanup
U.2.8	Type `#`	The vi editor will add the # symbol.	Cleanup
U.2.9	Press `[esc]`	The vi exits the Insert Mode.	Cleanup
U.2.10	Type `:wq!`	The vi editor will write to and exit the file. The command prompt returns.	Cleanup
U.2.11	At the command prompt type `ps –eaf | grep inetd`	Process information for `inetd` appears with the process id in the second column.	Cleanup
U.2.12	At the command prompt type `kill –HUP` <pid> where <pid> is the process ID found in the previous step.	The command prompt appears.	Cleanup
U.2.13	In the `Terminal` window, at the command prompt type `vi /.rhosts`	The file /`.rhosts` is opened for editing.	Cleanup
U.2.14	Type `dd`	The vi editor removes `kpchost`.	Cleanup
U.2.15	Type `i`	The vi editor will enter insert mode.	Cleanup

	Operator Action	Expected Result	Observed Result
U.2.16	Type -	The vi editor inserts - to the file.	Cleanup
U.2.17	Press [esc]	The vi exits the Insert Mode.	Cleanup
U.2.18	Type :wq!	The vi editor will write to and exit the file. The command prompt returns.	Cleanup
U.3	**Unexport /h/data/global and /home2 Directories From the Candidate Platform (kpccp)**		
U.3.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the Application Manager - SysAdm window, double-click Disk Manager.	The Disk Manager window appears.	Cleanup
U.3.2	Select the row that contains the / partition in the Mounted On column.	The / row is highlighted.	Cleanup
U.3.3	Click Export FS.	The Export/Unexport File Systems window appears.	Cleanup
U.3.4	Click Current.	The following text is displayed: /h/data/global -o rw,root=kpchost /home2 –o ro,root=kpchost	Cleanup
U.3.5	Click OK.	The Current Exports window disappears.	Cleanup

	Operator Action	Expected Result	Observed Result
U.3.6	In the pathname text box, type: /h/data/global	/h/data/global appears in the pathname text box.	Cleanup
U.3.7	Click Unexport.	A Confirmation window appears asking: UnExport this directory permanently?	Cleanup
U.3.8	Click Yes.	The Confirmation window disappears and control returns to the Disk Manager window.	Cleanup
U.3.9	Click Export FS.	The Export/Unexport File Systems window appears.	Cleanup
U.3.10	In the pathname text box, type: /home2	/home2 appears in the pathname text box.	Cleanup
U.3.11	Click Unexport.	A Confirmation window appears asking: UnExport this directory permanently?	Cleanup
U.3.12	Click Yes.	The Confirmation window disappears and control returns to the Disk Manager window.	Cleanup
U.3.13	Click Export FS.	The Export/Unexport File Systems window appears.	Cleanup
U.3.14	Click Current.	The Current Exports window is empty.	Cleanup

	Operator Action	Expected Result	Observed Result
U.3.15	Click OK.	The Current Exports window disappears.	Cleanup
U.3.16	Click Cancel.	The Export/Unexport File Systems window disappears.	Cleanup
U.4	**Unmount /kpc and /cdrom/kpc_4206 Directories From the Validation Host (kpchost) On the Candidate Platform (kpccp)**		
U.4.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). In the Disk Manager window, select the row that contains the /kpchostdsk in the Mounted On column.	The /kpchostdsk row is highlighted.	Cleanup
U.4.2	Click Unmount.	A Confirmation window asks: Unmount the File System Permanently?	Cleanup
U.4.3	Click Yes.	The Confirmation window disappears and control returns to the Disk Manager window. /kpchostdsk disappears as a file system.	Cleanup
U.4.4	Select the row that contains the /kpchostcdrom in the Mounted On column.	The /kpchostcdrom row is highlighted.	Cleanup
U.4.5	Click Unmount.	A Confirmation window asks: Unmount the File System Permanently?	Cleanup

	Operator Action	Expected Result	Observed Result
U.4.6	Click `Yes`.	The `Confirmation` window disappears and control returns to the `Disk Manager` window. /`kpchostcdrom` disappears as a file system.	Cleanup
U.4.7	Click `Exit`.	The `Disk Manager` window disappears.	Cleanup
U.5	**Remove Directories On the Candidate Platform (kpccp)**		
U.5.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). At the command prompt type `cd /`	The command prompt returns.	Cleanup
U.5.2	At the command prompt type `rmdir /kpchostdsk /kpchostcdrom`	The command prompt returns.	Cleanup
U.6	**Test Data De-installation**		
U.6.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Select `Applications > Application Manager > DII_APPS.`	The `Application Manager` window appears.	Cleanup
U.6.2	Double-click `Segment Installer` in the `Application Manager - SysAdm` window.	The `Installer` window appears.	Cleanup
U.6.3	In the `Currently Installed Segments` list select `KPC Test Data for 4200P6`.	`KPC Test Data for 4200P6` is highlighted	Cleanup

	Operator Action	Expected Result	Observed Result
U.6.4	Click `Deinstall Software`.	An `ENTER A PASSWORD` dialog box appears.	Cleanup
U.6.5	Enter the Master APM Authentication key in the text box.	Asterisks appear in the text box.	Cleanup

U.6.6	Click `OK`.	A `RESPOND TO THE QUESTION` dialog box asks:
		`Do you really want to remove the segments?`
		`KPC Test Data for 4200P6`
			Cleanup

U.6.7	Click `Yes`.	`KPC Test Data for 4200P6` deinstalls correctly and is no longer preceded by an * in the `Select Software To Install` field. `KPC Test Data for 4200P6` no longer appears in the `Currently Installed Segments` field.	Cleanup
U.6.8	Click `Exit`.	The `Installer` window disappears.	Cleanup

	Operator Action	Expected Result	Observed Result
V	4.20 Segment Installation Post Test Cleanup Validation Host Cleanup **NOTE: These steps restore the Test Cell to pretest conditions.** ***These step or a restore from backup may be preformed at the tester's discretion*.**		
V.1	**Launch `Edit Local Hosts` and Remove kpccp Entry On the Validation Host (kpchost)**		
V.1.1	**NOTE:** Perform the following steps on the Validation Host (kpchost). In the `Application Manager - SysAdm` window, double-click `Edit Local Hosts`.	The `Edit Hosts` window appears.	Cleanup
V.1.2	Select `kpccp`.	`kpccp` is highlighted.	Cleanup
V.1.3	Click `Delete`.	A `Confirmation Required` window appears.	Cleanup
V.1.4	Click `Yes`.	The `Confirmation Required` window disappears.	Cleanup
V.1.5	Click `Close`.	The `Edit Hosts` window disappears.	Cleanup

	Operator Action	Expected Result	Observed Result
V.2	**Modify** `/etc/inetd.conf` **and** `/.rhosts` **To Disable rsh (Close Security For Remote Shell) On the Validation Host** (kpchost)		
V.2.1	**NOTE:** Perform the following steps on the Validation Host (kpchost). In the `Terminal` window, at the command prompt type `vi /etc/inetd.conf`	The file `/etc/inetd.conf` is opened for editing.	Cleanup
V.2.2	Type `/shell`	The vi editor will place the cursor on the line that contains: `shell`	Cleanup

V.2.3	Type
	`n`
	until the cursor is at the beginning of the line containing
	`shell stream tcp nowait root`
		The cursor is over the `s` on the line with
		`shell stream tcp nowait root`
			Cleanup

V.2.4	Type `i`	The vi editor will enter insert mode.	Cleanup
V.2.5	Type #	The vi editor will add the # symbol.	Cleanup
V.2.6	Press `[esc]`	The vi editor exits Insert Mode.	Cleanup
V.2.7	Type `:wq!`	The vi editor will write to and exit the file. The command prompt returns.	Cleanup

	Operator Action	Expected Result	Observed Result
V.2.8	At the command prompt type `ps –eaf | grep inetd`	Process information for `inetd` appears with the process id in the second column.	Cleanup
V.2.9	At the command prompt type `kill –HUP` <pid> where <pid> is the process ID found in the previous step.	The command prompt appears.	Cleanup
V.2.10	In the `Terminal` window, at the command prompt type `vi /.rhosts`	The file /`.rhosts` is opened for editing.	Cleanup
V.2.11	Type `dd`	The vi editor removes `kpccp`.	Cleanup
V.2.12	Type `i`	The vi editor will enter insert mode.	Cleanup
V.2.13	Type `-`	The vi editor inserts - to the file.	Cleanup
V.2.14	Press `[esc]`	The vi editor exits Insert Mode.	Cleanup
V.2.15	Type `:wq!`	The vi editor will write to and exit the file. The command prompt returns.	Cleanup

	Operator Action	Expected Result	Observed Result
V.3	**Unexport** `/kpc` **Directory From the Validation Host** (kpchost)		
V.3.1	**NOTE:** Perform the following steps on the Validation Host (kpchost). In the `Application Manager - SysAdm` window, double-click `Disk Manager`.	The `Disk Manager` window appears.	Cleanup
V.3.2	Select the row that contains the `/` partition in the `Mounted On` column.	The `/` row is highlighted.	Cleanup
V.3.3	Click `Export FS`.	The `Export/Unexport File Systems` window appears.	Cleanup

V.3.4	Click `Current`.	The following text is displayed:
		`/kpc ro=kpccp`
		`/home2 –o ro,root=kpccp`
			Cleanup

V.3.5	Click `OK`.	The `Current Exported File Systems` window disappears.	Cleanup
V.3.6	In the `pathname` text box, type: `/kpc`	`/kpc` appears in the `pathname` text box.	Cleanup
V.3.7	Click `Unexport`.	A `Confirmation` window appears asking: `UnExport this directory permanently`?	Cleanup
V.3.8	Click `Yes`.	The `Confirmation` window disappears and control returns to the `Disk Manager` window.	Cleanup

	Operator Action	Expected Result	Observed Result
V.3.9	Click `Export FS`.	The `Export/Unexport File Systems` window appears.	Cleanup
V.3.10	In the `pathname` text box, type: `/home2`	`/home2` appears in the `pathname` text box.	Cleanup
V.3.11	Click `Unexport`.	A `Confirmation` window appears asking: `UnExport this directory permanently`?	Cleanup
V.3.12	Click `Yes`.	The `Confirmation` window disappears and control returns to the `Disk Manager` window.	Cleanup
V.3.13	Click `Export FS`.	The `Export/Unexport File Systems` window appears.	Cleanup
V.3.14	Click `Current`.	The `Current Exported File Systems` window is empty.	Cleanup
V.3.15	Click `OK`.	The `Current Exports` window disappears.	Cleanup
V.3.16	Click `Cancel`.	The `Export/Unexport File Systems` window disappears.	Cleanup

	Operator Action	Expected Result	Observed Result
V.4	**Unmount** `/h/data/global` **Directory From the Candidate Platform (kpccp) On the Validation Host** (kpchost)		
V.4.1	**NOTE:** Perform the following steps on the Validation Host (kpchost). Select the row that contains the `/h/data/global` in the `Mounted On` column.	The `/h/data/global` row is highlighted.	Cleanup
V.4.2	Click `Unmount`.	A `Confirmation` window asks: `Unmount the File System Permanently?`	Cleanup
V.4.3	Click `Yes`.	The `Confirmation` window disappears and control returns to the `Disk Manager` window. `/h/data/global` disappears as a file system.	Cleanup
V.4.4	Click `Exit`.	The `Disk Manager` window disappears.	Cleanup
Z	4.21 Log Out On the Candidate Platform (kpccp) and Validation Host (kpchost)		
Z.1	**Validation Host (kpchost) Log Out**		
Z.1.1	**NOTE:** Perform the following steps on the Validation Host (kpchost). Close all open windows.	All open windows close.	Cleanup
Z.1.2	Click `EXIT` in the CDE Menu Bar.	The `Logout Confirmation` window appears.	Cleanup

	Operator Action	Expected Result	Observed Result
Z.1.3	Click `OK`.	The `DII COE LOGIN` screen appears.	Cleanup
Z.2	**Candidate Platform (kpccp) Log Out**		
Z.2.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Close all open windows.	All open windows close.	Cleanup
Z.2.2	Click `EXIT` in the CDE Menu Bar.	The `Logout Confirmation` window appears.	Cleanup
Z.2.3	Click `OK`.	The `DII COE LOGIN` screen appears.	Cleanup

End of Test Validation Procedure

Appendix A Procedure for creating a test data tape that includes segx, which is required for this test.

ZZ	**Setup – Create** `Test Data` **Tape That Includes** `segx`		
ZZ.1	**Setup – Install** `COE Developer's Toolkit` **and Put Test Segment** `segx` **On Tape On the Candidate Platform (kpccp)**		
ZZ.1.1	**NOTE:** Perform the following steps on the Candidate Platform (kpccp). Login as `secman`.	The desktop appears.	Setup
ZZ.1.2	Select `Applications > Application Manager > DII_APPS > SecAdm.`	The `Application Manager` window appears.	Setup
ZZ.1.3	Double-click `APM Key Server` in the `Application Manager – SecAdm` window.	The `APM Key Server` window appears.	Setup
ZZ.1.4	Enter the `Master APM authentication key`, and click `Start`.	A `Started` dialog box appears.	Setup
ZZ.1.5	Open a `Terminal` window.	A `Terminal` window appears with a command line prompt.	Setup
ZZ.1.6	At the command prompt type `su`	The `Password` prompt returns.	Setup
ZZ.1.7	Enter the `root` password.	The command prompt returns.	Setup

ZZ.1.8	At the command prompt type `csh`	The command prompt returns.	Setup
ZZ.1.9	Insert a blank tape into the tape drive.	The tape is inserted.	Setup
ZZ.1.10	At the command prompt type `mt rew` **NOTE:** This command is OS specific and assumes that `/dev/rmt/0m` is the default tape device address. Use the relevant command on the OS being tested and note it in the Observed Result column.	The tape is rewound.	Setup
ZZ.1.11	At the command prompt type `/h/DII_DEV/bin/MakeInstall -t [s]` <device path> `-p /kpc/tk segx` where <device path> is the device address of a 'no rewind' tape device. (e.g. `/dev/rmt/0mn`)	Messages/information will appear in the `Terminal` window indicating the process steps being executed by MakeInstall. The following prompt appears: `Enter the size of the tape in MByte or type 'q' to quit.`	Setup
ZZ.1.12	At the prompt type `80`	The following prompt appears: `Processing Segment /kpc/tk/segx`	Setup

ZZ.1.13	At the prompt type
	`NO`
		The following prompt appears:
		`Processing segment: /kpc/tk/MIseg`
		`Enter your name for the Tape Header:`
			Setup

ZZ.1.14	Press ENTER.	The following prompt appears: `Enter a serial number for the Tape Header:`	Setup
ZZ.1.15	Press ENTER.	The following prompt appears: `Enter any desired comment to put in the Tape Header (up to 255 characters) :`	Setup

ZZ.1.16	Press ENTER.	MakeInstall will continue and display the following information:
		1. A segment description table.
		2. The number of segments to be written to output device (1).
		3. Space requirements for segment.
		The following prompt appears:
		`Insert tape #1`
		`Press any key to continue.`
			Setup

ZZ.1.17	Press ENTER.	The following prompt appears: `DII Install tape completed.`	Setup

ZZ.1.18	At the command prompt type `mt rewoffl` **NOTE:** This command is OS specific and assumes that `/dev/rmt/0m` is the default tape device address. Use the relevant command on the OS being tested and note it in the Observed Result column. **NOTE:** This tape may be used for all subsequent `Segment Installer` Validation Tests.	The tape is rewound and ejected.	Cleanup

End of Appendix A