

Site Management and Recovery Tool 2007 V1.0

USER MANUAL

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Revision Sheet

Release No.	Date	Revision Description
1.0	10/1/2015	Initial Revision
1.1	11/19/2015	Removed Full HINV and SINV buttons

Version 1.0 Release Notes:

1.0 General Information

1.0 GENERAL INFORMATION

1.1 System Overview

Site Management and Recovery Tool 2007 (SMART) is an application designed to assist in many areas of Software Deployment, Package, Program, Collection, and Advertisement creation, modification, and deletion, as well as, Site and Security Management.

1.2 Authorized Use Permission

1.3 Points of Contact

Contact Darrell Childress at SMART@C3technology.us with Technical questions.

2.0 Connection Properties

2.0 CONNECTION PROPERTIES

蝳 Site Management and Recovery Tool 2007								
-Connect	Connection Properties							
Server	Name:							
User 1	Name:							
Passw	vord:							
					Konnect			
Sites	Notes	Optic	ons	Validation				
Sites Name	Notes	Optic	ons Site	Validation Code	Site Health			
Sites Name	Notes	Optic	ons Site	Validation Code	Site Health			
Sites Name	Notes	Optic	ons Site	Validation Code	Site Health			
Sites	Notes	Optic	ons Site	Validation Code	Site Health			
Sites	Notes	Optic	ons Site	Validation	Site Health			

The following section discusses connecting to SCCM Sites with SMART.

2.1 Connecting to a Site

- Use the following steps for connecting to a SCCM Site.
 - 1. Type the name of the Site Server in the Server Name text box.
 - 2. Type the domain\username of the account you with to connect with in the User Name text box. This step is optional. Not entering credentials will cause the tool to connect with the same credentials that are currently running the tool.
 - 3. Type the user's password in the Password text box.
 - 4. Click the Connect button.
 - 5. Once the tool has connected to the Site, a status message will appear in the bottom left corner of SMART showing which Site you are connected to and the current overall health of that Site.
 - 6. The Sites Datagrid also populates showing any Site Information including Child Sites, Site Codes, and overall Site Health.
 - 7. Step 6 can be bypassed by checking the Bypass Health Check checkbox on the Options tab before connecting.

2.2 Navigation bar and Options



The following topic discusses the Navigation bar and Options for SMART.

Navigation Bar:

1. Site

- a. Displays utilities for managing the following:
 - i. Log File Monitoring
 - ii. Manual Installs
 - iii. Inventory Tools
 - iv. Site Status
- 2. Role Based Administration
 - a. Displays utilities for managing the following:

- i. Local Administrators
- 3. Advertisements
 - a. Displays utilities for managing the following:
 - i. Creating Advertisements
 - ii. Listing Advertisements
 - iii. Deleting Advertisements
- 4. Packages
 - a. Displays utilities for managing the following:
 - i. Creating Packages
 - ii. Listing Packages
 - iii. Deleting Packages
 - iv. Creating Programs
 - v. Listing Programs
 - vi. Deleting Programs
- 5. Distribution Points
 - a. Displays utilities for managing the following:
 - i. Assigning Packages to Distribution Points
 - ii. Removing Packages from Distribution Points
 - iii. Retrieving Package Status
 - iv. Ping Distribution Points
 - v. Retrieving Package Source Site
- 6. Boundaries
 - a. Displays utilities for managing the following:
 - i. Creating Boundaries
 - ii. Listing Boundaries
 - iii. Deleting Boundaries
- 7. Collections
 - a. Displays utilities for managing the following:
 - i. Creating Collections
 - ii. Deleting Collections
- 8. Collection Members
 - a. Displays utilities for managing the following:
 - i. Listing Systems
 - ii. Ping Systems
 - iii. Listing Collections
 - iv. Adding Systems to Collections
 - v. Adding Queries to Collections

Options:

The following options are available within SMART.

- Notes:
 - Some Navigation Bar items have notes associated with them.
 - Advertisements
 - Distribution Points
 - Boundaries
- Path to Trace32.exe:
 - This option allows you to specify the location of the Trace32 utility for opening SCCM Log files
- Log File Location (Site Node / Log Files Tab):
 - This option allows you to specify the location of the Site Server's Log files.
 This will allow SMART to open Logs and display SCCM inbox counts
- Favorites (Collection Members Node):
 - Allows you to save selected Collections into groups
 - For example, if you have 5 Collections specific to your Marketing group, you can select those 5 Collections and save them as a Marketing favorite. The next time you build a machine for the Marketing group, you can select Marketing from your favorites list and it will select the appropriate Collections for you
- Bypass Health Check
 - This option allows you to bypass the overall Site Health Check of all Sites connected to the Site you are connecting to
- Prompt for Deletion
 - This option allows you to prompt for deletion confirmation before actually deleting objects from SCCM
- WMI Base Path
 - This option allows you to specify the starting point of the WMI Scan feature. The default is "root\sms" but can be changed to other WMI Namespaces to confirm WMI connectivity
- Filtering:
 - Some tabs allow you to filter your search criteria
 - Advertisements
 - Filter Collections by:
 - o Name
 - Collection ID
 - Filter Programs by:
 - o Package ID
 - o Program Name
 - Distribution Points
 - Filter Packages by:

- o Name
- Package ID
- Filter DP by:
 - Name
 - $\circ \quad \text{Site Code} \quad$
- Filter Pending by (Package Status):
 - Status
- Boundaries
 - Filter Boundary by:
 - Display Name
 - \circ Value
 - o Boundary Type
- Collections
 - Filter Collection by:
 - o Name
 - \circ Collection ID
- Collection Members
 - Filter Collection by:
 - o Name
 - Collection ID
 - Filter System by:
 - Name
 - o Resource ID
- Validation
 - Several Items can be validated within SMART using the Validation tab
 - Package ID
 - Package Name
 - Program Name
 - Collection ID
 - Collection Name
 - Resource ID
 - System Name
 - Advertisement ID
 - Advertisement Name
 - Boundary Value
 - Boundary Name
 - Distribution Point Name
 - Distribution Point Package ID
 - Distribution Point Package Name

3.0 Site

3.0 SITE

😅 Site Management and Recovery Tool 2007		- 🗆 X
Connection Properties		
Server Name:		
User Name:		
Password:	Check Logs Get Available Systems Get Folders Exclude Folders Archive Reports Archive Check Ping Systems	Force Full HINV Force Full SINV
Connect	Log Files Manual Installs Inventory Tools Ste Status Component Status WMI Scan	
	Log File Log Details	Files
Sites Notes Options Validation		
Name Site Code Site Health		
< >		
Site		
Role Based Administration		
-		and Onen with CMTrans. Onen Falder
Advertisements	open open en	ors Open with Civillace Open Folder
	Log File	
Packages		
(P)) Distribution Points		
Boundaries		
•		
Collections		
-		
Collection Members	Log File Location:	
Disconnected	NSERVERNAME\scomfolderNogs	
Disconnected		ч

This section discusses different aspects of managing SCCM Sites, performing manual installs, and performing certain Client Actions

Log Files 3.1

The Log Files tab within the Site Node allows you to review SCCM Site Logs.

Use the following steps to review a Site Server's log files.

- 1. Populate the location of the log files in the Log File Location text box
- 2. Click the Check Logs button at the top of the screen

InboxMon	Files	^
ddm.box	0	
amtproxymgr.box\prov.box	0	
COLLEVAL.box\RETRY	0	
auth\statesys.box\incoming\low	0	
amtproxymgr.box\mtn.box	0	
statmgr.box\statmsgs	2	
dataldr.box	0	
replmgr.box\incoming	0	
schedule.box\outboxeLAN	1	
auth\statesvs.box\incoming\high	0	¥

Op	en Open Errors Open with CM Irace Open Folder	
	Log File	>
	adctrl.log	
	ADForestDisc.log	
	ADService.log	
	adsgdis.log	
	adsysdis.log	
	adusrdis.log	
	aikbmgr.log	
	amtproxymgr.log	
	awebsctl.log	
	awebsvcMSI.log	
	bgbisapiMSI.log	¥

- The inboxmon.log file is parsed and the latest information is displayed in the inboxmon Data
 The inboxmon.log file is parsed and the latest information is displayed in the inboxmon Data grid. The Files column shows the latest count of files in each SCCM inbox. This can be reviewed for any backlogs at the Site.
- 5. The list of log files are displayed in the Log File Data grid
- 6. The following options can be used for opening a log file
 - a. Place a check next to the log file you want to open
 - b. Click the **Open** button above the Log File Data grid

Log File	Log Details	^
adctrl.log	AD Service Control control is waiting for file change notification or timeout afte	
adctrl.log	Wait for inbox notification timed out. \$\$ <sms_en_adservice_monitor< td=""><td></td></sms_en_adservice_monitor<>	
adctrl.log	CADCtrl::ProcessPendingRecords \$\$ <sms_en_adservice_monitor><</sms_en_adservice_monitor>	
adctrl.log	AD Service Control control is waiting for file change notification or timeout afte	
adctrl.log	Wait for inbox notification timed out. \$\$ <sms_en_adservice_monitor< td=""><td></td></sms_en_adservice_monitor<>	
adctrl.log	CADCtrl::ProcessPendingRecords \$\$ <sms_en_adservice_monitor><</sms_en_adservice_monitor>	
adctrl.log	AD Service Control control is waiting for file change notification or timeout afte	
adctrl.log	Wait for inbox notification timed out. \$\$ <sms_en_adservice_monitor< td=""><td></td></sms_en_adservice_monitor<>	
adctrl.log	CADCtrl::ProcessPendingRecords \$\$ <sms_en_adservice_monitor><</sms_en_adservice_monitor>	
adctrl.log	AD Service Control control is waiting for file change notification or timeout afte	
adctrl.log	Wait for inbox notification timed out. \$\$ <sms_en_adservice_monitor< td=""><td></td></sms_en_adservice_monitor<>	
adctrl.log	CADCtrl::ProcessPendingRecords \$\$ <sms_en_adservice_monitor><</sms_en_adservice_monitor>	
adctrl.log	AD Service Control control is waiting for file change notification or timeout afte	
adctrl.log	Wait for inbox notification timed out. \$\$ <sms_en_adservice_monitor< td=""><td></td></sms_en_adservice_monitor<>	
adctrl.log	CADCtrl::ProcessPendingRecords \$\$ <sms_en_adservice_monitor><</sms_en_adservice_monitor>	
adctrl.log	AD Service Control control is waiting for file change notification or timeout afte	
adctrl.log	Wait for inbox notification timed out. \$\$ <sms_en_adservice_monitor< td=""><td></td></sms_en_adservice_monitor<>	
adctrl.log	CADCtrl::ProcessPendingRecords \$\$ <sms_en_adservice_monitor><</sms_en_adservice_monitor>	
adctrl.log	AD Service Control control is waiting for file change notification or timeout afte	
adctrl.log	Wait for inbox notification timed out. \$\$ <sms_en_adservice_monitor< td=""><td></td></sms_en_adservice_monitor<>	
adctrl.log	CADCtrl::ProcessPendingRecords \$\$ <sms_en_adservice_monitor><</sms_en_adservice_monitor>	
adctrl log	AD Service Control control is waiting for file change potification or timeout after	~

c. AD Service Control control is waiting for the change notification or timeout attended.
 d. The name of the log file and the log file details are displayed in the Log Details data grid.

Any lines containing the word Failed will be highlighted Red

- e. Click the Open Errors button to only show the error lines within the log file. This will also highlight the log file line Red, in the Log File data grid. Selecting all in the Log File data grid and clicking Open Errors will allow you to see which log files contain errors at a glance
- f. Click the Open with CMTrace button to open the selected log files in the CMTrace log file reader
- g. Click the Open Folder button to open a Windows Explorer window in the Log File location

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Connection Properties			
Server Name:			
User Name:			
Password:	Check Logs Get Available Systems Get Folders	Exclude Folders Archive Reports Archive Check Ping Systems	Force Full HINV Force Full SINV
Connect	Log Files Manual Installs Inventory Tools Site Status	Component Status WMI Scan	· · · · ·
_	Available Systems:	Manual Installations:	
Sites Notas Ontions Validation	System Name Ping	Command Line:	MSI Options:
Sites Notes Options Validation			
Name Site Code Site Health			Uninstall
		Install File: Browse	Quiet
		Transform File:	
		Log File Name:	Basic UI
		Course Folder	
< >		Source Folder:	No Restart
		Product Code:	Prompt Restart
A Site		Install	Force Restart
		II ISCOII	Logging Options:
			Include Status Messages
Chi Role Based Administration			Include all error messages
	Status:		mention when an action is started
Advertisements	Status		include action-specific records
			Include the initial UI parameters
Packages			Include out-of-memory or fatal exit inform
			Include out-of-disk-space messages
Distribution Points			verbose output
J			Include extra debugging information
Duradation			Append to an existing log file
Boundaries		Cache Installation Options:	Log all information
		Cache Installation on client	-
Collections		Cache Location:	Update Options:
			Apply updates
w Collection Members		Duris Cashina	Uninstall update
~		Begin Caching	

3.2 Manual Installs

SMART gives you the ability to create and deploy manual installation command lines. Use the following steps to prepare an MSI installation using SMART:

- 1. Click the Browse button next to the Install File text box
- 2. Navigate to your MSI install file, select it, and click the Open button

📫 Open						×
← → • ↑ 📘	> Netwo	rk > 💶 No Record	der	✓ ひ Search IS	O Recorder	P
Organize 🔻 🛛 Ne	w folder				· · ·	?
📌 Quick access		Name	Date modified	Туре	Size	
Desktop	*	😽 ISORecorder31x86.msi	4/29/2009 1:17 PM	Windows Installer	771 KB	
👆 Downloads	*					
Documents	*					
Pictures	*					
lcons						
Programs						
i OneDrive						
💻 This PC						
👉 Network						
	File name:			 MSI Files 	: (.msi) (*.msi)	\sim
				Оре	en Cance	L .

Notice that the Install File Name, Source Folder, and Product Code are automatically populated

Manual Installati	ons:	
Command Line:		
Install File:	ISORecorder31x86.msi	Browse
Transform File:		
Log File Name:		
Source Folder:		
Product Code:	{1235083F-52F9-44CC-9DF5-F9B7802BB9B7	7}
		Install

- 5.6. If needed, enter the name of the Transform File (can use full path if in different location)
- 7. If needed, enter the Log File Name
- 8. Select the appropriate MSI and Logging options (notice that the Command Line field updates based on your selections)

- Manual Installatio	ons:	MSI Ontions:
Command Line:	rder31x86.msi" /quiet /norestart /L*V "\\	└── Install □ Repair
Install File: Transform File: Log File Name: Source Folder:	ISORecorder31x86.msi Brow	/se Uninstall Quiet Passive No UI Basic UI Reduced UI Full UI
Product Code:	{1235083F-52F9-44CC-9DF5-F9B7802BB9B7}	No Restart Prompt Restart Force Restart Logging Options:
		Include Status Messages Include non-fatal warnings Include all error messages
		mention when an action is started include action-specific records Include user requests
		 Include the initial UI parameters Include out-of-memory or fatal exit inf Include out-of-disk-space messages
		Include terminal properties Verbose output Include extra debugging information
Cache Installa	ation Options:	Append to an existing log file Flush each line to the log Log all information

9.

Manual Installatio	ns:
Command Line:	vrder31x86.msi" /quiet /norestart /L*V "\\

10. 11. If connected to a SCCM Site, click the Get Available Systems button. You can also ping the machines to make sure they are available by placing a check next to the ones you want to ping and clicking the Ping Systems button

Check Log	gs Get Available S	iystems Get Folders	Exclude Folders	Archive Reports	Archive Check	Ping Systems	Force Full HINV	Force Full SINV
Log Files	Manual Installs Inve	entory Tools Site Status						
Available	Systems:		Manual Installati	ons:			MCI Ostissasi	
	System Name	Ping 1	Command Line:	vrder31x86.msi"/qu	uiet /norestart /L*V "	No such		
	0,						Repair	
			1.1.1.51				Uninstall	
			Install File:	ISURecorder31x86	.msi	Browse	Quiet	
	Wa		Transform File:				_ No UI	
	White	TimedOut	Log File Name:	ISORecorderInstall	log			
			Source Folder:		-	~		
		<u></u>			130 Record		No Restart	
		Success	Product Code:	{1235083F-52F9-44	4CC-9DF5-F9B7802	BB9B7}	Prompt Resta	art
						Install		
							 Logging Options Lockude State 	i: Messages
							Include state	fatal warnings
		`	*				Include all er	ror messages
Status:			-				include action	n an action is started
Status							Include user	requests
							Include the in	nitial UI parameters
							Include out-o	f-memory or fatal exit inf
							Include termi	nal properties
							verbose outp	ut
							Include extra	debugging information
			- Cache Installs	tion Options:			 Append to an Flush each line 	ne to the log
				tallation on client			Log all inform	ation
							- Undate Octions	
			Cache Locati	on:			Install an MS	P patch silently
							Apply update	es la
					Be	egin Caching	Uninstall upd	late

- 12.13. Place a check next to the system(s) to perform the manual installation on
- 14. If you would like to cache the installation on each client, enter the folder name you would like to cache the installation to (i.e. C:\Temp), place a checkmark in the Cache Installation on client checkbox, and click the Begin Caching button
- 15. NOTE: The Command Line may require some modification if you want to run the installation locally
- 16. When you are ready to perform the installation, click the Install button

3.3 Inventory Tools

Check Logs Cet Available Systems Cet Folders Cet Folders Cet Folders	ive Check Ping Systems Force Full HINV	orce Full SINV
Log Files Manual Installs Inventory Tools Site Status		
Starting Folder:	System Name	Ping
Folder Name Image: Contrast of the second		
	Status	

SMART will allow you to manage Hardware and Software Inventory for SCCM by allowing you to exclude folders from Software Inventory, Force a Full Hardware and/or Software Inventory, and gather Inventory files for review and troubleshooting.

Use the following steps to exclude folders from Software Inventory

- 1. Type a starting folder (local or UNC) in the Starting Folder text box
- 2. Click the Get Folders button
- 3. Place check marks next to the folders you wish to exclude from Software Inventory
- 4. Click the Exclude Folders button

NOTE: The Available Systems data grid is for reference only (for creating UNC paths and pinging computers). A future release of this tool may include translation of the folder locations. Also, make sure that you have permissions to create the skpswi.dat file in the folders you are selecting.

Use the following steps to check for the Inventory Archive Reports file on systems

1. Click the Get Available Systems button

- 2. Place a check mark next to the systems you want to check for the Archive Reports file
- 3. Click the Archive Check button
- 4. The Status grid will populate and notify you if the Archive Reports file exists or not
- 5. If the file does not exist and you want to create it, Click the Archive Reports button
- 6. The Status grid will notify you of the file creation

3.4 Site Status

Check Logs	Get Available Systems	Get Folders	xclude Folders	Archive Reports	Archive Check	Ping Systems	Force Full HINV	Force Full SINV	Ŧ
Log Files Man	ual Installs Inventory Too	Is Site Status C	omponent Status	WMI Scan					
Site Code	Role	Percent Free	Status	Site System					٦

SMART will get the Status of each Role connected to the Site. This includes the free percentage of that particular Role.

Use the following steps to check Site Status:

- 1. Click on the Get Site Status button
- 2. Review the following information
 - a. Site Code
 - b. Role
 - c. Percent Free
 - d. Status
 - e. Site System

Check Logs Get Available Systems Get Fold	ers Exclud	D le Folders Arc
Log Files Manual Installs Inventory Tools Site Sta	tus Compor	nent Status WM
Component Status:		
Component	Status	Startup Type
SMS_AD_SYSTEM_DISCOVERY_AGENT	Stopped	Scheduled
SMS_AD_USER_DISCOVERY_AGENT	Stopped	Scheduled
SMS_AI_KB_MANAGER	Running	Automatic
SMS_ALERT_NOTIFICATION	Running	Automatic
SMS_AMT_PROXY_COMPONENT	Running	Automatic
SMS_CERTIFICATE_MANAGER	Running	Automatic
SMS_CLIENT_CONFIG_MANAGER	Running	Automatic
SMS_CLIENT_HEALTH	Running	Automatic
SMS_CLOUD_SERVICES_MANAGER	Running	Automatic
SMS_COLLECTION_EVALUATOR	Running	Automatic
SMS_COMPONENT_MONITOR	Running	Automatic
SMS_COMPONENT_STATUS_SUMMARIZER	Running	Automatic
SMS_DATABASE_NOTIFICATION_MONITOR	Running	Automatic
SMS_DESPOOLER	Running	Automatic
SMS_DISCOVERY_DATA_MANAGER	Running	Automatic
SMS_DISTRIBUTION_MANAGER	Running	Automatic
SMS_EN_ADSERVICE_MONITOR	Running	Automatic
SMS_ENDPOINT_PROTECTION_MANAGER	Running	Automatic
SMS_HIERARCHY_MANAGER	Running	Automatic
SMS_INBOX_MANAGER	Running	Automatic
SMS_INBOX_MONITOR	Running	Automatic
SMS_INVENTORY_DATA_LOADER	Running	Automatic
SMS_INVENTORY_PROCESSOR	Running	Automatic
SMS_LAN_SENDER	Running	Automatic

3.5 Component Status

SMART will get the Status of each Component for SCCM

Use the following steps to check Component Status:

- 1. Click on the Get Component Status button
 - a. SMART may require you to run the application as Administrator for this feature to work
- 2. Review the following information
 - a. Component
 - b. Status
 - c. Startup Type

Omega Omega Omega Omega Omega Omega Check Logs Get Available Systems Get Folders Exclude Folders Archive	Reports Archive Check Ping Systems Force Full HINV	Full SINV
Log Files Manual Installs Inventory Tools Site Status Component Status WMI Sc	an NA FINAN C	
Namespace Class		Eviete 🔥
	SMS InstanceChangeNotification	
	ExtensionProvider	
	SMS_ConfigData	
	SMS_BaseClass	
	SMS_Identification	
	SMS_RbacSecuredObject	
	SMS_ScheduleMethods	
	SMS_DeviceMethods	
	SMS_Advertisement	
	SMS_DistributionPoint	
	SMS_AIDistributionPoint	
	SMS_DistributionPointInfoBase	
	SMS_DistributionPointInfo	
	SMS_MigrationDP	
	SMS_DistributionPointDriveInfo	
	SMS_DistributionJob	
	SMS_PackageAccessByUsers	
	SMS_PackageBaseclass	
	SMS_Package	
	SMS_OperatingSystemInstallPackage	
	SMS LenacylmanePackage	
	SMS BootImagePackage	
		×

3.6 WMI Scan

SMART will connect to WMI Namespaces and list available Classes. These Classes can be compared to a specified list of Classes to verify consistency.

Use the following steps to check WMI:

- 1. Click on the WMI Scan button
- 2. Review the following information
 - a. Namespace
 - b. Class

NOTE: WMI Base path can be changed using the options tab within SMART. Specified WMI Class list can be modified by editing the file called WMIClassConfig.txt in the SMART application directory.

Site section complete.

4.0 Role Based Administration

4.0 ROLE BASED ADMINISTRATION

0			
Site Management and Recovery Tool 2007		-	×
Connection Properties			
Server Name:			
User Name:			
Password:	Get Available Users Get Available Systems Ping Systems Add Administrators Get Local Administrators		
Connect	Administrators		
	Available Users: Available Systems:		
Sites Notes Options Validation	Domain User Name System Name Ping		
Name Site Code Site Health			
(Change and Change and			
Site			
Pala Presd Administration			
-			
Packages			
	Status.		
Distribution Points			
•			
Soundaries			
Collections			
Collection Members			
Disconnected			

This section discusses Role Based Administration within SMART.

4.1 Administrators

To list the Local Administrators on a computer:

- Click the Get Available Systems button
- Place a check mark next to the System you want to query
- Click the Get Local Administrators button

To Add Local Administrators to a computer:

- Click the Get Available Users button
- Click the Get Available Systems button
- Place a check mark next to the User you want to add
- Place a check mark next to the System you want to add the user to
- Click the Add Administrators button

NOTE: You can type in the User name and System name without clicking the Get Available Users and Get Available Systems buttons.

Role Based Administration section complete.

5.0 Advertisements

5.0 ADVERTISEMENTS

		Filters:			
Get Available Programs Get Available Collections Create Advertisement	Ŧ.	Collection Program	Name ~	Value: Value:	
Available Programs:	Available Collections:				
Advert Prefix: Comment: Present Time: 10/ 6/2015 v 10:04:22 AM v Priority: Normal Advertisement Flags: Status:	Collection ID	Colle Name	ction		
□ On System Statup □ On User Logon □ On User Logoff □ Do Not Fallback □ Do Not Fallback □ Do Not Fallback □ Do Not Fallback □ Override Maintenance Windows □ Reboot Outside of Maintenance Windows □ Wake On LAN □ Show Progress □ No Display □ On Slow Network □ Battery Power □ Run From Local Distribution Point □ Don't Run If No Local Distribution Point □ Download From Remote Distribution Point					

This section discusses creating, listing, and deleting Advertisements.

5.1 Creating Advertisements

Use the following steps to create an Advertisement using SMART:

- Click the Get Available Programs button
 - The Program filter can be used to search for specific Programs
- Click the Get Available Collections button
 - The Collection filter can be used to search for specific Collections
- Place a check mark next to the Program you want to Advertise
- Place a check mark next to the Collection you want to Advertise to
- Type in an Advert Prefix if needed
 - This allows you to specify a unique beginning of the Advertisement name. Default naming standard is ProgramName_CollectionName
- Type in a Comment if needed
- Select a Present Time
 - o This will create a Mandatory Run Time for the Advertisement
- Select a Priority
- Select the appropriate Advertisement flags
 - NOTE: Some of these flags contradict each other, so pay close attention to them
- Click the Create Advertisement button

NOTE: Multiple Programs can be advertised to multiple Collections. If you have more than one Program selected and more than one Collection selected, each Program will be advertised to each Collection.

5.2 Listing Advertisements

Use the following steps to list Advertisements using SMART:

- Click the Get Available Advertisements button
- Notice that the Available Programs grid changes to Available Advertisements grid and displays the following information:
 - Advertisement ID
 - Advertisement Name
 - o Comment

5.3 Deleting Advertisements

Use the following steps to delete an Advertisement using SMART:

- Click the Get Available Advertisements button
- Place a check mark next to the Advertisement you want to delete
- Click the Delete Advertisements button
- The Advertisement Status grid will update with information

Advertisement section complete

6.0 Packages

6.0 PACKAGES

										-	\sim	
						Filters:						
						Package	Name	✓ Value:				
Get Packages	Create Packages	Delete Packages	Get Programs	Create Progra	ims Ŧ							
Packages Prog	Vackages Programs											
Create Packag	es:											
Name		Version	n Man	ufacturer	Language	Commer	ıt		Path			
1							_					
Current Packar	165.			Sta	itus:						-	
Package	D Name		Version	St	atus							
			, citiliti		0.00							
<				>								

This section discusses creating, listing, and deleting Packages and Programs.

6.1 Creating a Package

Use the following steps to create a Package using SMART:

- Type the following information into the Create Package data grid
 - o Name
 - \circ Version
 - o Manufacturer
 - o Language
 - o Comment
 - o Path
 - This is the path to the source files for the Package
- Place a check mark next to the Package information you just entered
- Click the Create Packages button
- Review the Package Status grid for details

NOTE: You can paste a list of Packages into the Create Package data grid, if you have the information contained in a spreadsheet or gathered it from another Site

6.2 Listing a Package

Use the following steps to list Packages using SMART:

- Click the Get Packages button
 - The Package filter can be used to search for specific Packages
- Notice the Current Packages grid now displays the following information:
 - Package ID
 - o Name
 - Version
 - Manufacturer
 - o Language
 - o Comment
 - o Path

6.3 Deleting a Package

Use the following steps to delete a Package using SMART:

- Click the Get Packages button
- Place a check mark next to the Package you want to delete
- Click the Delete Packages button
- Review Package Status data grid for details

6.4 Creating a Program

Use the following steps to create a Program using SMART:

- Type the following information into the Create Programs data grid
 - PackageID
 - This will be the Package ID of that Package to create the Program in
 - o Name
 - o **Comment**
 - o Command Line
 - o Max Runtime
- Place a check mark next to the Program you want to create
- Click the Create Programs button
- Review the Program Status data grid for details

6.5 Listing a Program

Use the following steps to list Programs using SMART:

- Click the Get Programs button
- Notice the Current Programs grid now displays the following information:
 - Package ID
 - o Name
 - o Comment
 - o Command Line
 - o Max Runtime

6.6 Deleting a Program

Use the following steps to delete a Program using SMART:

- Click the Get Programs button
- Place a check mark next to the Package you want to delete
- Click the Delete Packages button
- Review Package Status data grid for details

Packages section complete

7.0 Distribution Points

7.0 DISTRIBUTION POINTS

						Filters:			
						Package	Name ~	Value:	
						DP	Name ~	Value:	
Get Available Packages	Get Available DPs	Ping DPs	Get Package Status		Ŧ	Pending	Status 🗸	Value:	
Available Packages:					Available Distrib	ution Points:			
Package ID	Name	Source Site			Name		Site Code	Resource Type	Ping
							1		
					<				>
Package Status:				_	Status:				
					Status				

This section discusses adding and removing Packages to and from Distribution Points

7.1 Adding Packages to Distribution Points

Use the following steps to add Packages to Distribution Points using SMART:

- Click the Get Available Packages button
 - The Package filter can be used to search for specific Packages
- Click the Get Available DPs button
 - \circ $\;$ The DP filter can be used to search for specific Distribution Points $\;$
 - The Ping DPs button can be used to verify the Distribution Points are online
- Place a check mark next to the Package you want to assign
- Place a check mark next to the Distribution Point you want to assign the Package to
- Click the Assign Packages button
- Review the Status data grid for details

7.2 Removing Packages from Distribution Points

Use the following steps to remove Packages from Distribution Points using SMART:

- Click the Get Available Packages button
 - The Package filter can be used to search for specific Packages
- Click the Get Available DPs button
 - The DP filter can be used to search for specific Distribution Points
 - The Ping DPs button can be used to verify the Distribution Points are online
- Place a check mark next to the Package you want to remove
- Place a check mark next to the Distribution Point you want to remove the Package from
- Click the Remove Packages button
- Review the Status data grid for details

7.3 Listing Package Status

Use the following steps to list Package Status using SMART:

- Click the Get Package Status button
 - o By default, only Packages that are in a Waiting to Install state will be displayed
 - The Pending filter can be used to look for Packages in an Installed state
 - Review the Notes tab for available states
- Notice the Package Status grid now displays the following information:
 - o Server Name
 - o Site Code
 - Package ID
 - o Install State
 - Date Last Copied

Distribution Point section complete

8.0 Boundaries

8.0 BOUNDARIES

						Filters:				
Get Boundaries Cr	reate Boundaries	Boundary T	Type: IP Address Range	•	Ŧ	Boundary:	Name	∼ Va	alue: [
Boundaries										
Create Boundaries:										
Display Name	e				Value					Boundary Type
Current Boundaries:					atus:					
Display Name	Value		Boundary Type	S	tatus					

This section discusses creating, listing, and deleting Boundaries

8.1 Creating a Boundary

Use the following steps to create a Boundary using SMART:

- Type the following information into the Create Boundaries data grid
 - o Display Name
 - \circ Value
 - Boundary Type
 - The Boundary Type drop down list can be used to automatically populate Boundary Type as you create Boundaries
- Place a check mark next to the Boundary information you just entered
- Click the Create Boundaries button
- Review the Status grid for details

NOTE: You can paste a list of Boundaries into the Create Boundaries data grid

8.2 Listing Boundaries

Use the following steps to list Boundaries using SMART:

- Click the Get Boundaries button
 - The Boundary filter can be used to search for specific Boundaries
- Notice the Current Boundaries grid now displays the following information:
 - o Display Name
 - o Value
 - Boundary Type

8.3 Deleting a Boundary

Use the following steps to delete a Boundary using SMART:

- Click the Get Boundaries button
- Place a check mark next to the Boundary you want to delete
- Click the Delete Boundaries button
- Review Status data grid for details

Boundary section complete

9.0 Collections

9.0 COLLECTIONS

(Filters:						
Get	Collections Cr	eate Collections	Delete Collections			Collection	Name 🗸	Value:			
Crea	te Collections:										
	Name		Comment								
									I		
Cum	ent Collections:				Status:						
Cum	ent Collections:	Collection	Comment	Collection	Status: Status						
Cum	ent Collections:	Collection Name	Comment	Collection Variables	Status: Status						
Curr	ent Collections: Collection ID	Collection Name	Comment	Collection Variables	Status: Status						
Cum	ent Collections: Collection ID	Collection Name	Comment	Collection Variables	Status: Status						
Curr	ent Collections:	Collection Name	Comment	Collection Variables	Status: Status						
Cum	ent Collections:	Collection Name	Comment	Collection Variables	Status: Status						
Cum	ent Collections:	Collection Name	Comment	Collection Variables	Status: Status						
Cum	ent Collections: Collection ID	Collection Name	Comment	Collection Variables	Status: Status						
Cum	ent Collections: Collection ID	Collection Name	Comment	Collection Variables	Status: Status						
Cum	ent Collections:	Collection Name	Comment	Collection Variables	Status: Status						
Cum	ent Collections:	Collection Name	Comment	Collection Variables	Status: Status						
Cum	ent Collections:	Collection Name	Comment	Collection Variables	Status: Status						

This section discusses creating and deleting Collections.

9.1 Creating Collections

Use the following steps to create a Collection using SMART:

- Type the following information into the Create Collections data grid
 - o Name
 - o **Comment**
- Place a check mark next to the Collection information you just entered
- Click the Create Collections button
- Review the Status grid for details

9.2 Listing Collections

Use the following steps to list Collections using SMART:

- Click the Get Collections button
- Notice that the Current Collections data grid displays the following information:
 - Collection ID
 - Collection Name
 - o **Comment**
 - Collection Variables
 - Count of Collection Variables within Collection

9.3 Deleting Collections

Use the following steps to delete a Collection using SMART:

- Click the Get Collections button
- Place a check mark next to the Collection you want to delete
- Click the Delete Collections button
- Review the Status grid for details

Collection section complete

10.0 Collection Members

10.0 COLLECTION MEMBERS

							Filters:					
		6		Ę			Collection	Name	~	Value:		
					-		System	Name	~	Value:		
Get Systems Get	Collections A	dd to (Collections	Ping	Systems		Favorites				~ 😑	-
Systems:									Collections	:		
Resource ID	Name		Client		Ping				Collec	tion ID	Collectio	n Name
						-						
									<			>
Status:												
Status												

This section discusses adding Computers to various Collections.

10.1 Adding Systems to Collections

Use the following steps to add Systems to Collections with SMART:

- Click the Get Systems button
- Click the Get Collections button
- Place check marks next to the computers you want to add to the Collections
 - You can use the Ping Systems button to verify the computers are online
 - The System filter can be used to search for specific Systems
- Place check marks next to the Collections you want to add computers to
 - The Collection filter can be used to search for specific Collections
- Click the Add to Collections button
- Review the Status grid for details

NOTE: The following steps can be used to make Favorite groups of Collections for use later

- Place check marks next to the Collections you want to save as a group
- Type a Name for the group in the Favorites text box (i.e. Marketing)
- Click the Save icon
 - This will save your list so that when you want to use it again, you can select Marketing from the Favorites drop down and click Open. SMART will automatically place check marks for you on the Collections that are part of that group

Collection Members section complete