

Lenovo System x3650 M5 Server Review

BTNHD (The Server Room Episode #023)

Key Features

- The System x3650 M5 offers numerous features to boost performance, improve scalability, and reduce costs.
- It offers the Intel Xeon processor E5-2600 v4 this includes:
 - Up to 22-core processors
 - Up to 55MB of L3 cache
 - up to 2400 MHz memory speeds
 - up to 9.6 GT/s (giga-transfers per second) QPI interconnect links.
 - QPI (QuickPath Interconnect)
 - Used to access all remote memory on multi-socket systems
- Support for up to two processors, 44 cores, and 88 threads.
- Equipped with Intel Turbo Boost Technology that allows CPU cores to run at maximum speeds during peak workloads by temporarily going beyond processor thermal design power (TDP).

Key Features

- Intel Hyper-Threading Technology boosts performance for multithreaded applications by enabling simultaneous multithreading within each processor core, up to two threads per core.
- Intel Virtualization Technology integrates hardware-level virtualization hooks that allow operating system vendors to better utilize the hardware for virtualization workloads.
- Up to 1.5 TB of memory capacity (DIMMs or LRDIMMs)
- 12Gbps (gigabit per second) SAS internal storage connectivity doubles the data transfer rate.
- 215TB of storage capacity with 7.68TB 2.5" SSDs in a 2U rack form factor.

Key Features

- Four integrated Gigabit Ethernet ports.
- Eight PCI Express (PCIe) 3.0 I/O expansion slots plus one dedicated PCIe 3.0 slot for an internal storage controller.
- Built-in Integrated Management Module II (IMM2.1)
 - monitors system, triggers alerts, and performs recovery actions in case of failure
- Built-in diagnostics using Dynamic Systems Analysis (DSA) Preboot speeds up troubleshooting tasks to reduce service time

Components & Connectors

1x Video port (DB-15)
(optional)

Front I/O Cage Entry
(default)

1x USB 2.0
port

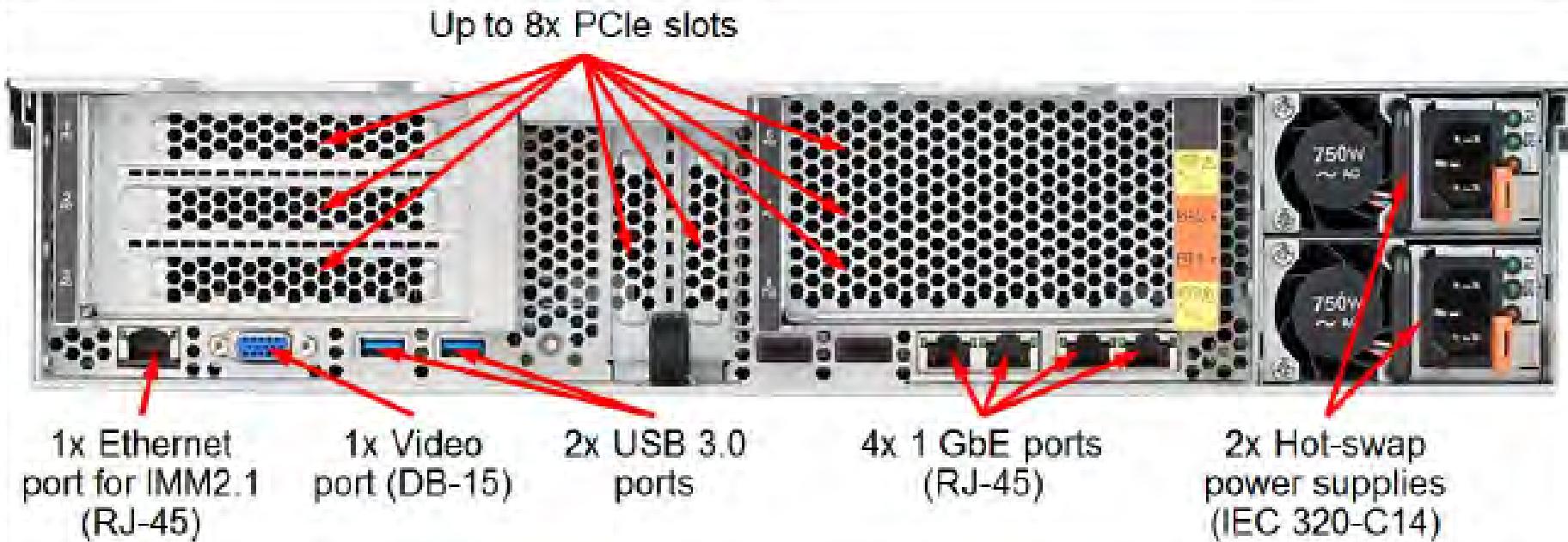
Power
button

Status
LEDs

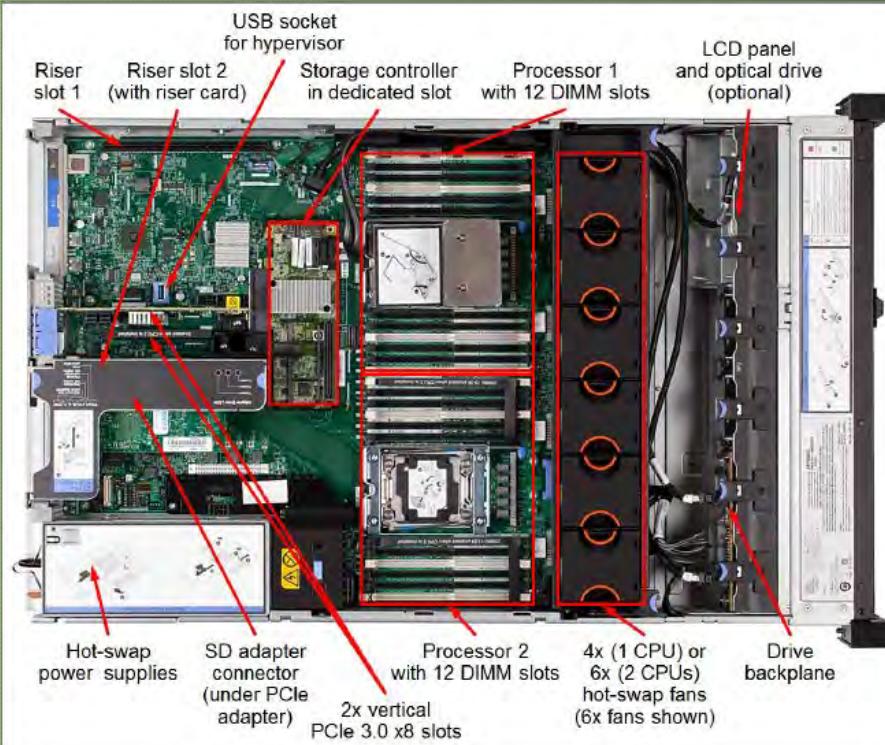


Up to 16x 2.5-inch SAS/SATA hot-swap drive bays

Components & Connectors



Components & Connectors



Processor

- Up to two processors of the Intel Xeon processor E5-2600 v4 product family:
 - Up to 22 cores (2.4 GHz core speeds)
 - Up to 3.5 GHz core speeds (4 cores)
 - Two QPI links up to 9.6 GT/s each
 - Up to 55 MB cache
 - Up to 2400 MHz memory speed
- Up to two processors of the Intel Xeon processor E5-2600 v3 product family (CTO only):
 - Up to 14 cores with up to 2.6 GHz core speeds
 - Two QPI links up to 9.6 GT/s each
 - Up to 35 MB cache
 - Up to 2133 MHz memory speed

Memory

- Up to 24 DIMM sockets (12 DIMMs per processor; four memory channels per processor with three DIMMs per channel). Support for RDIMMs and LRDIMMs. Memory types cannot be intermixed. Memory speed up to 2400 MHz.
- With RDIMMs: Up to 768GB with 24x 32GB RDIMMs and two processors
- With LRDIMMs: Up to 1.5TB with 24x 64GB LRDIMMs and two processors

Storage Capacity

- Intermix of SAS, SATA, and PCIe drives is supported.
 - Up to 155TB with 14x 10TB 3.5" NL SAS or SATA HDDs and 2x 7.68 TB 2.5" SAS SSDs
 - Up to 215TB with 28x 7.68TB 2.5" SAS SSDs
 - Up to 56TB with 28x 2TB 2.5" NL SATA HDDs
 - Up to 50.4TB with 28x 1.8TB 2.5" SAS HDDs
 - Up to 30.7TB with 8x 3.84TB NVMe PCIe SSDs

Storage Controller

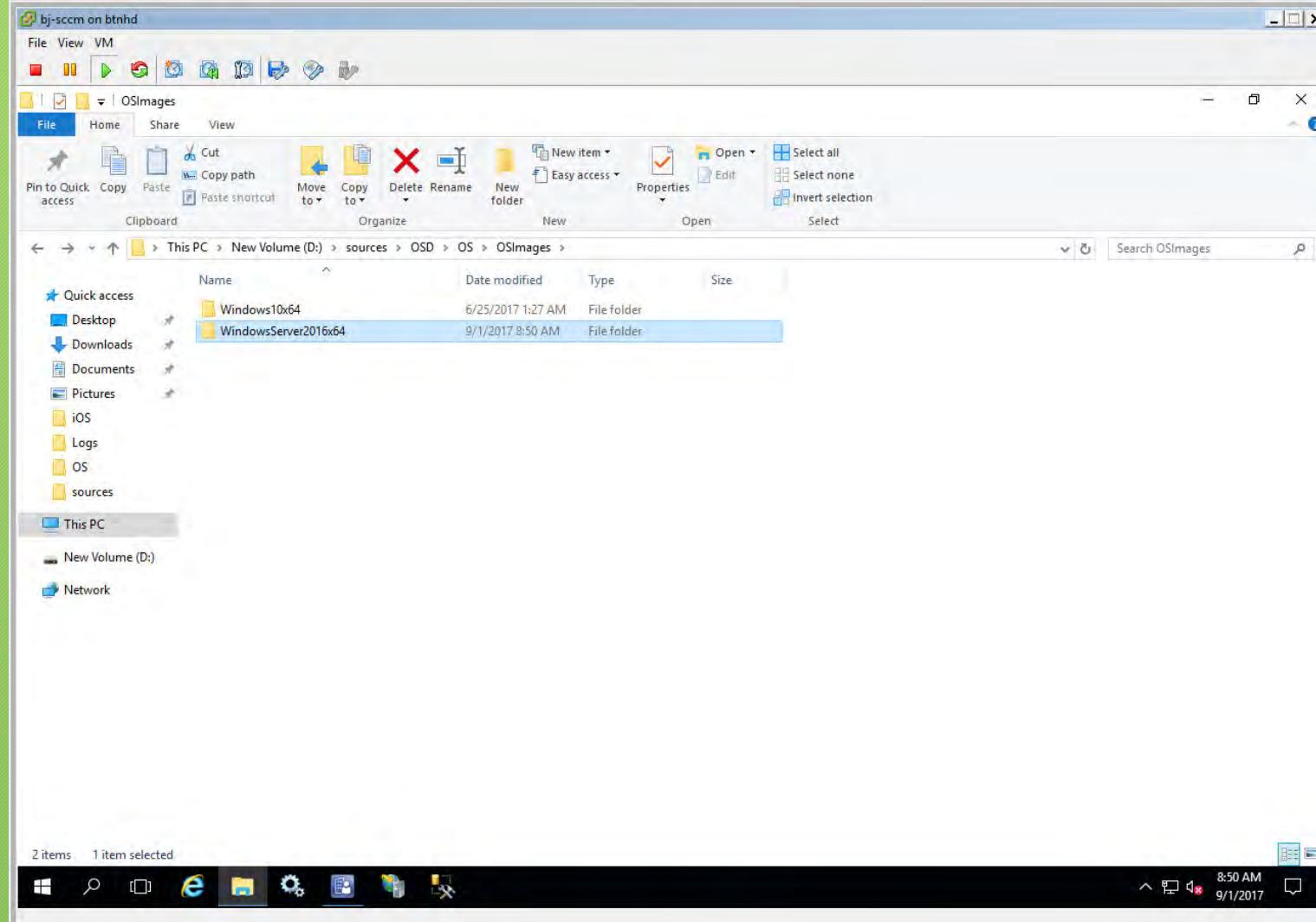
- 12 Gb SAS/6 Gb SATA RAID:
 - RAID 0, 1, 10 with M1215 or M5210. Optional upgrade to RAID 5, 50 is available for M1215.
 - Optional upgrade to RAID 5, 50 is available for M5210 (zero-cache; 1 GB non-backed cache; 1 GB, 2 GB or 4 GB flash-backed cache).
 - Optional upgrade to RAID 6, 60 is available for M5210 (requires a cache upgrade).
 - Optional SSD Caching and Performance Accelerator upgrades are available for M5210.
- 12 Gb SAS/6 Gb SATA non-RAID: N2215 HBA

I/O Expansion Slots

- Up to nine slots. Slots 4, 5, and 9 are the fixed slots on the system, and the remaining slots depend on the riser cards installed. The slots are as follows:
 - Slot 1: PCIe 3.0 x16 or PCIe 3.0 x8; full-height, full-length (PCIe x16 slot is double-wide)
 - Slot 2: PCIe 3.0 x8; full-height, full-length (not present if the slot 1 is PCIe x16)
 - Slot 3: PCIe 3.0 x8 or ML2; full-height, half-length
 - Slot 4: PCIe 3.0 x8; low profile (vertical slot on system planar)
 - Slot 5: PCIe 3.0 x8; low profile (vertical slot on system planar)
 - Slot 6: PCIe 3.0 x16 or PCIe 3.0 x8; full-height, full-length (PCIe x16 slot is double-wide)
 - Slot 7: PCIe 3.0 x8; full-height, full-length (not present if the slot 6 is PCIe x16)
 - Slot 8: PCIe 3.0 x8; full-height, half-length
 - Slot 9: PCIe 3.0 x8 (dedicated for an internal storage controller)
- Slots 5, 6, 7, and 8 require the second processor to be installed.

Deployment with SCCM

Windows Server 2016



bernardo - vSphere Client

File Edit View Inventory Administration Plug-ins Help

Home Inventory Inventory

Summary Virtual Machines Resource Allocation Performance Configuration Users Events Permissions

Name, State or Guest OS contains: + Clear

Name	State	Provisioned Space	Used Space	CPU Count	Host CPU - MHz	Host Mem - MB	Guest Mem - %	Guest OS	Memory Size	Uptime	IP Address	DNS Name	Notes
bj-CentOS	Powered Off	304.16 GB							2048 MB				
bj-ubuntu	Powered Off	204.17 GB							2048 MB				
bj-sccm	Powered On	659.37 GB							12288 MB	16 hours	192.168.1.110	bj-sccm.btnhd.edu	
bj-win7sp1v2	Powered Off	202.18 GB							2048 MB				
bj-vCenter	Powered Off	223.92 GB							8192 MB				
bj-backup	Powered Off	404.18 GB							8192 MB				
bj-ESXi	Powered Off	48.16 GB							4096 MB				
bj-iSCSI	Powered Off	244.16 GB							4096 MB				
UbuntuServer	Powered Off	104.16 GB							4096 MB				
bj-Windows (GNS3)	Powered Off	235.16 GB							4096 MB				
TSR016	Powered Off	104.16 GB							4096 MB				
bj-vpn	Powered Off	215.38 GB							4096 MB				
bj-folderRedirect	Powered Off	285.06 GB							4096 MB				
bj-mdt	Powered On	403.58 GB							4096 MB				
bj-win7sp1	Powered Off	34.18 GB							4096 MB				
bj-kali	Powered Off	102.16 GB							4096 MB				
GNS3	Powered Off	125.35 GB							4096 MB				
bj-sccmm	Powered Off	444.59 GB							4096 MB				
hyper-v	Powered Off	407.20 GB							4096 MB				
pfSense	Powered On	100.68 GB							4096 MB				
hyper-v2	Powered Off	292.17 GB							4096 MB				
bj-sccm	Powered Off	429.79 GB							4096 MB				

bj-sccm - Virtual Machine Properties

Hardware Options Resources

Show All Devices Add... Remove

Device Status Connected Connect at power on

Virtual Machine Version: 11

Device Type Client Device

Notes To connect this device you must power on the virtual machine and then click the Connect (CD/DVD) button.

Browse Datastores

Look in: ISOs

Name File Size Last Modified

- Ubuntu
- Kali
- vCenter
- ESXi
- Windows 10x64
- Windows Server 2012 R2
- macOS Sierra
- Hyperv
- VEEAM
- SW_DVD9_Win_Svr_STD_Core_and_DataCtr_Core_2016_64BIT_English_3_ML_ 5 GB 2/16/2017 1
- CentOS7-x86_64-DVD-1611iso 4 GB 5/1/2017 11
- SW_DVD5_WIN_ENT_10_1703_64BIT_English_MLF_21-36478.50 4 GB 5/2/2017 4:1
- SW_DVD5_Win_Pro_-7w_PSP1_32BIT_English_-2_MLF_X17-59276.50 2 GB 2/16/2017 1

File type: ISO Image (*.iso) OK Cancel

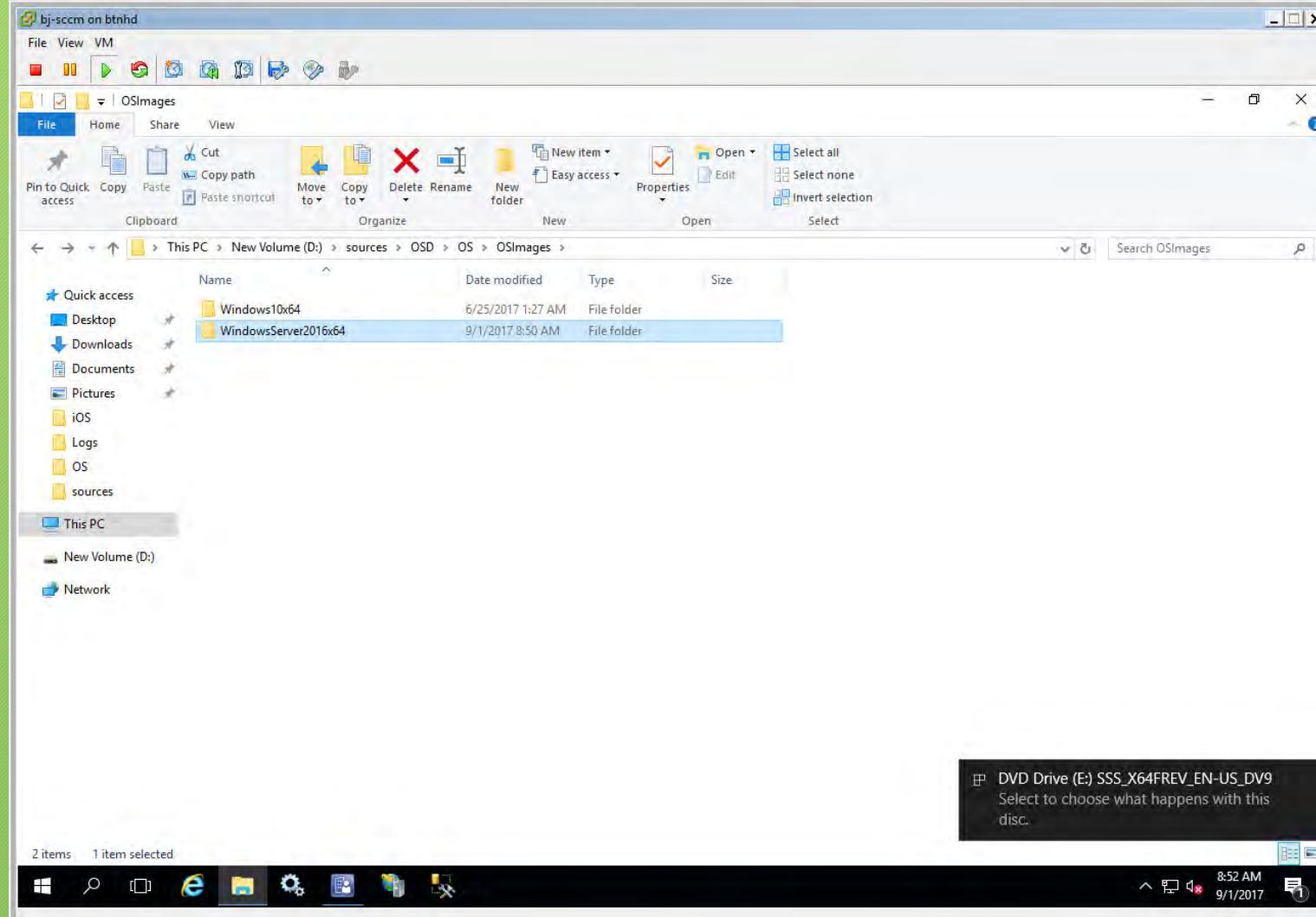
Recent Tasks

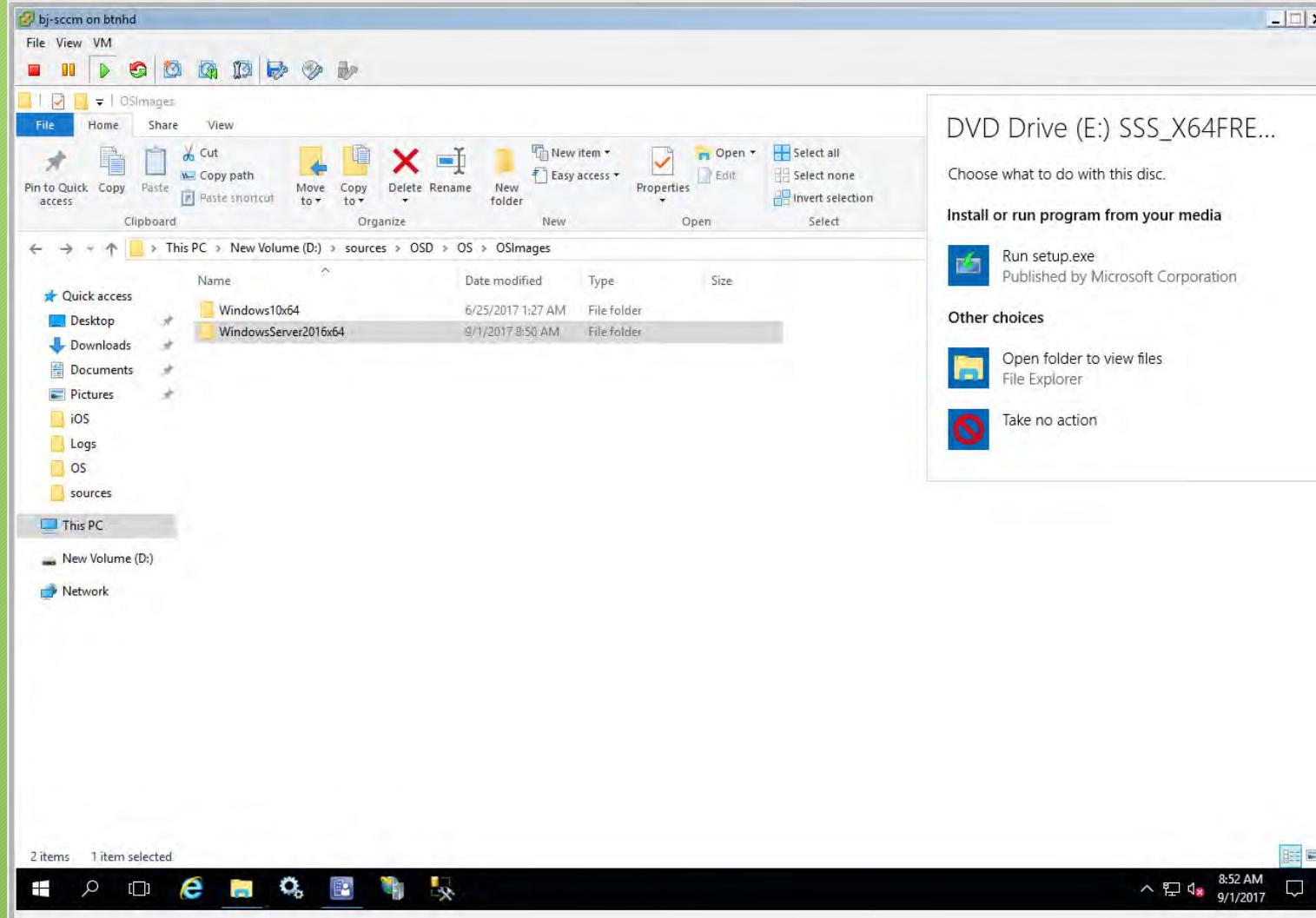
Name Target Status Details Initiated by Requested Start Time Start Time Completed Time

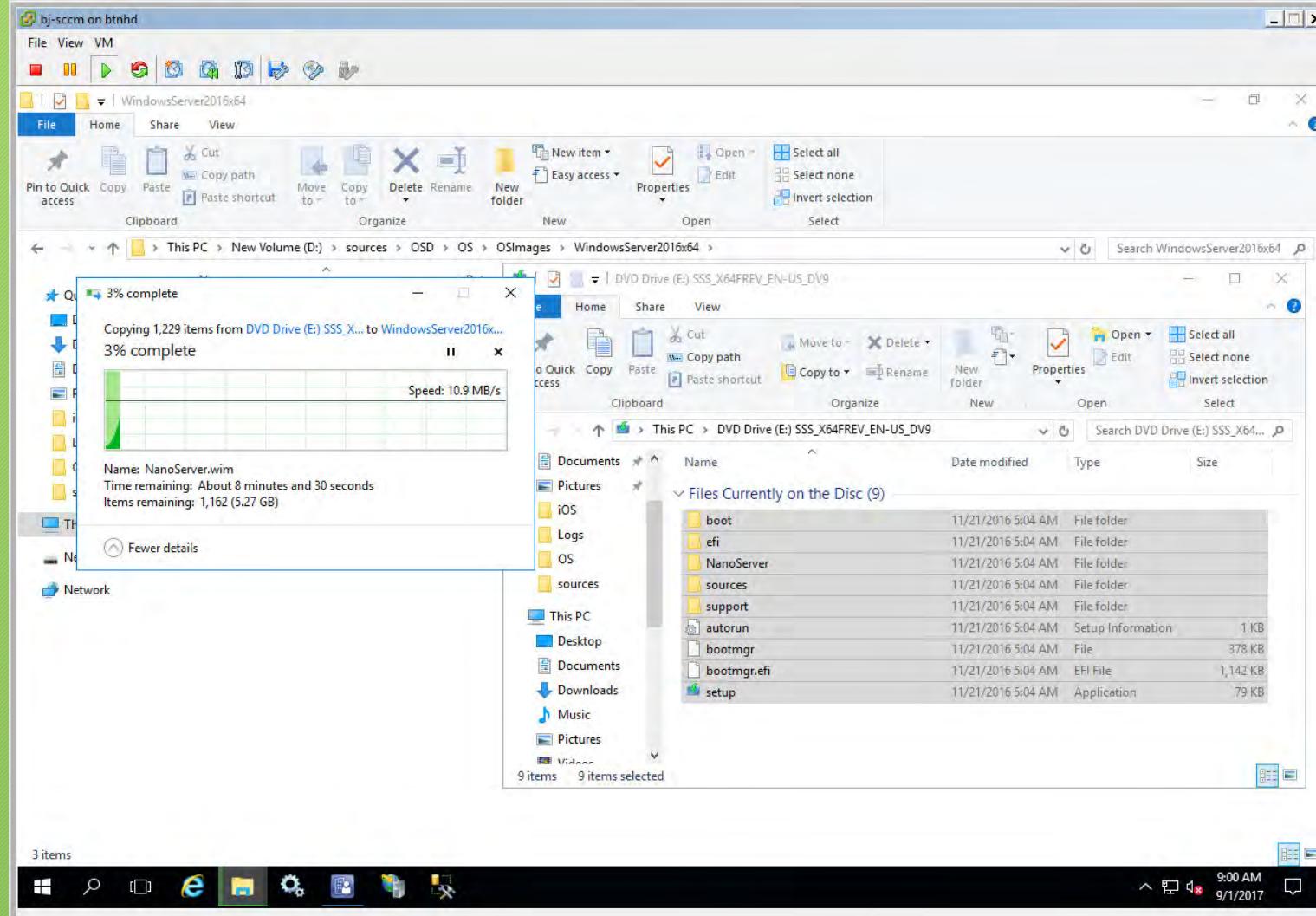
Reconfigure virtual machine bj-sccm Completed root 9/1/2017 8:49:17 AM 9/1/2017 8:49:17 AM 9/1/2017 8:49:17 AM

Tasks

root







bj-mdt on btnhd

File View VM

DHCP

File Action View Help

DHCP

bj-mdt.btnhd.edu

IPv4

Scope [192.168.1.0] BTNHD

- Address Pool
- Address Leases
- Reservations
- Scope Options
- Policies

Server Options

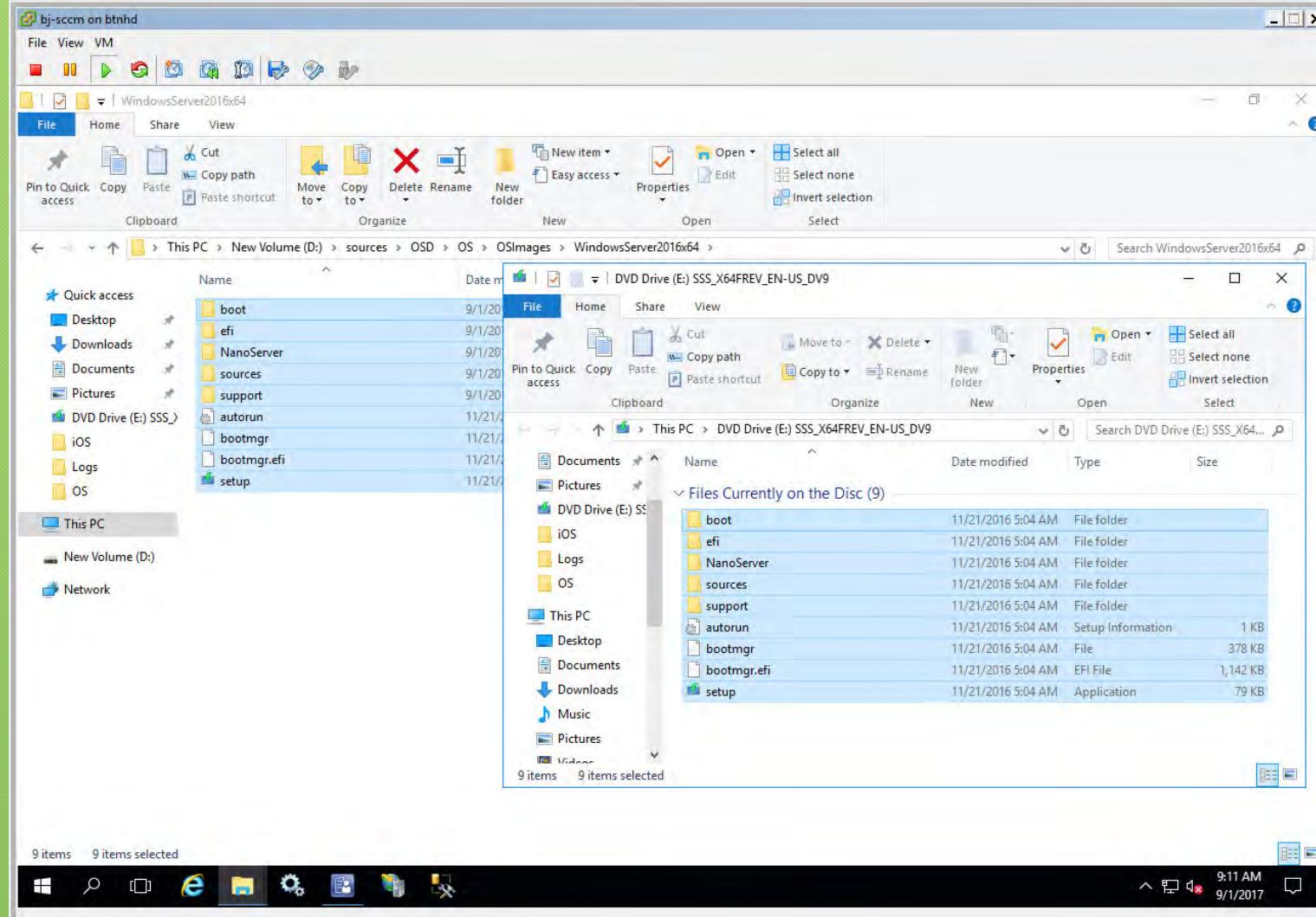
Policies

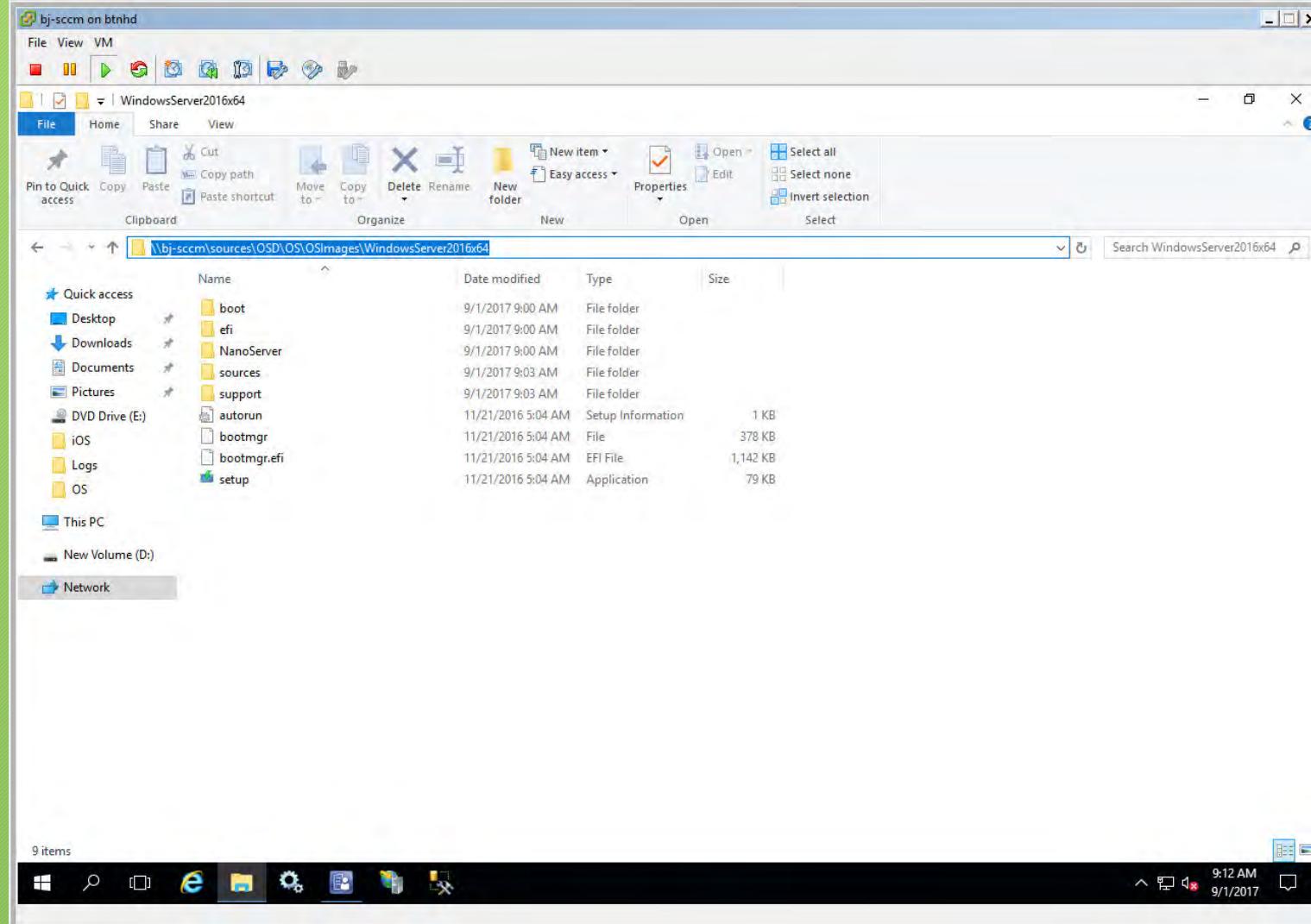
Filters

IPv6

Option Name	Vendor	Value	Policy Name
060 PXEClient	Standard	PXEClient	PXEClient (UEFI x64)
066 Boot Server Host Name	Standard	192.168.1.110	PXEClient (UEFI x64)
067 Bootfile Name	Standard	bootx64\wdsmgfw.efi	PXEClient (UEFI x64)
060 PXEClient	Standard	PXEClient	PXEClient (UEFI x86)
066 Boot Server Host Name	Standard	192.168.1.110	PXEClient (UEFI x86)
067 Bootfile Name	Standard	bootx86\wdsmgfw.efi	PXEClient (UEFI x86)
066 Boot Server Host Name	Standard	192.168.1.110	PXEClient (BIOS x86 & x64)
067 Bootfile Name	Standard	smsbootx64\wdsnbp.com	PXEClient (BIOS x86 & x64)
003 Router	Standard	192.168.1.1	None
006 DNS Servers	Standard	192.168.1.100	None
015 DNS Domain Name	Standard	btnhd.edu	None

9:10 AM 9/1/2017





bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - B1 (NHU HU Site))

Home Folder

Add Operating System Image Saved Searches Schedule Updates Cancel Refresh Delete Create Prestaged Content File Distribute Content Update Distribution Points Manage Access Accounts Move Set Security Scopes Properties

Operating System Image Deployment

Move Classify Properties

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upd Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Search Add Criteria

Icon	Name	Version	Scheduled Updates Date	Scheduled Updates Status	Comment	Image ID
	Windows 10 Enterprise x64	v1703				BTN0006

Add Operating System Image

Folder

Windows 10 Enterprise x64

Summary Content Status Related Objects

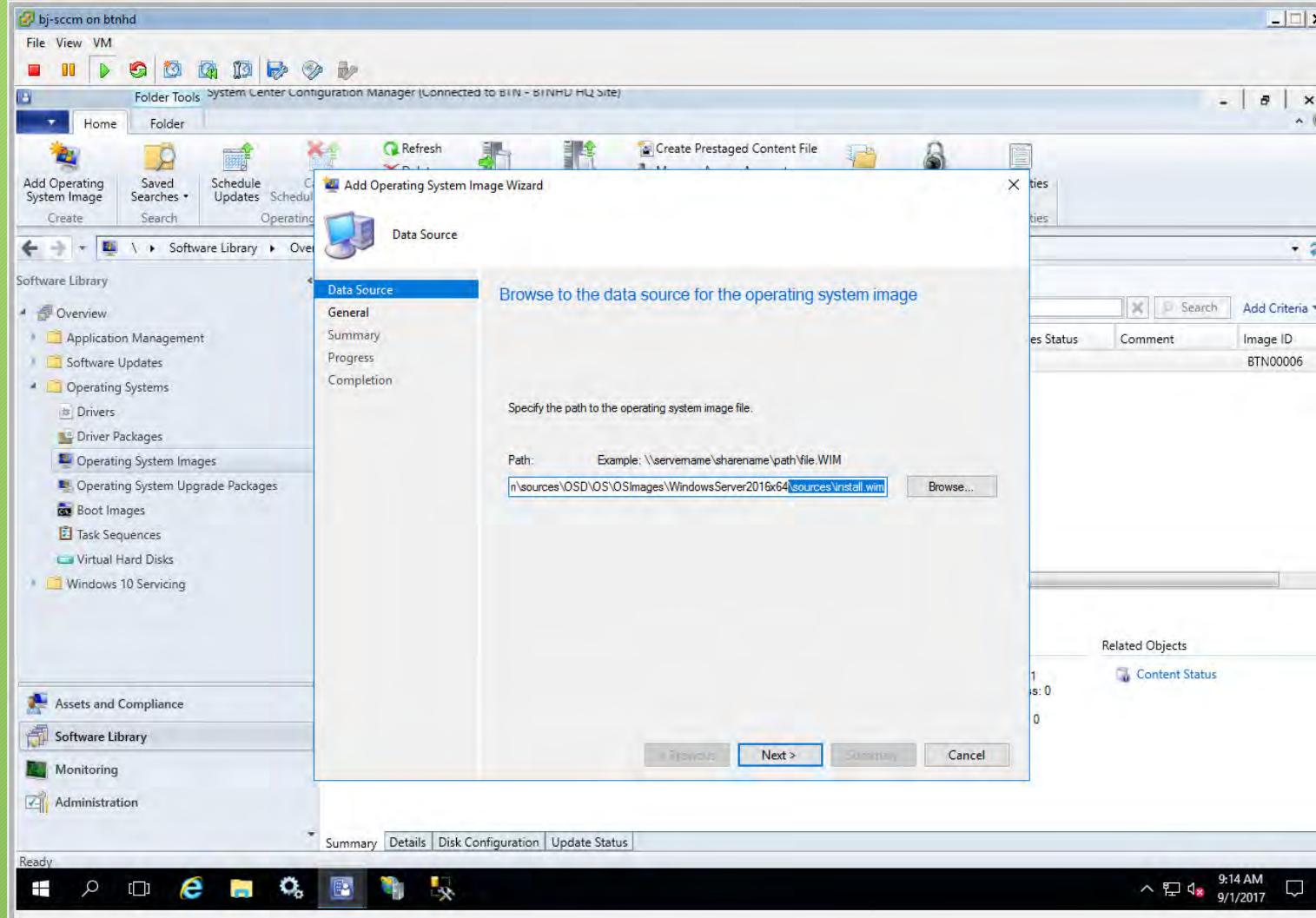
Comment: Success: 1
Version: In Progress: 0
Language: Failed: 0
English (United States) Unknown: 0

1 Targeted (Last Update: 6/25/2017 1:40 AM)

Assets and Compliance Software Library Monitoring Administration

Ready

9:13 AM 9/1/2017



bj-sccm on bthnd

File View VM

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating System Image Wizard

Home Folder

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Assets and Compliance Software Library Monitoring Administration

Add Operating System Image Wizard

General Data Source General Summary Progress Completion

Type general information for the operating system image

Provide a name, version, and comment for the operating system image.

Name: Windows Server 2016 SERVERSTANDARDCORE

Version:

Comment:

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Status Comment Image ID

BTN00006

Related Objects Content Status

1 0

Ready

9:14 AM 9/1/2017

bj-sccm on bthnd

File View VM

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating System Image Wizard

Software Library > Overview > Operating Systems > Operating System Images

Add Operating System Image Wizard

Summary

To create the Operating System Image, click Next.

Details:

Data Source Information

- Source location: \\bj-sccm\\sources\\OSD\\OS\\OS\\Images\\WindowsServer2016x64\\sources\\install.wim

Package Information

- Name: Windows Server 2016
- Version: x64

To change these settings, click Previous. To apply the settings, click Next.

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Status	Comment	Image ID
BTN00006		

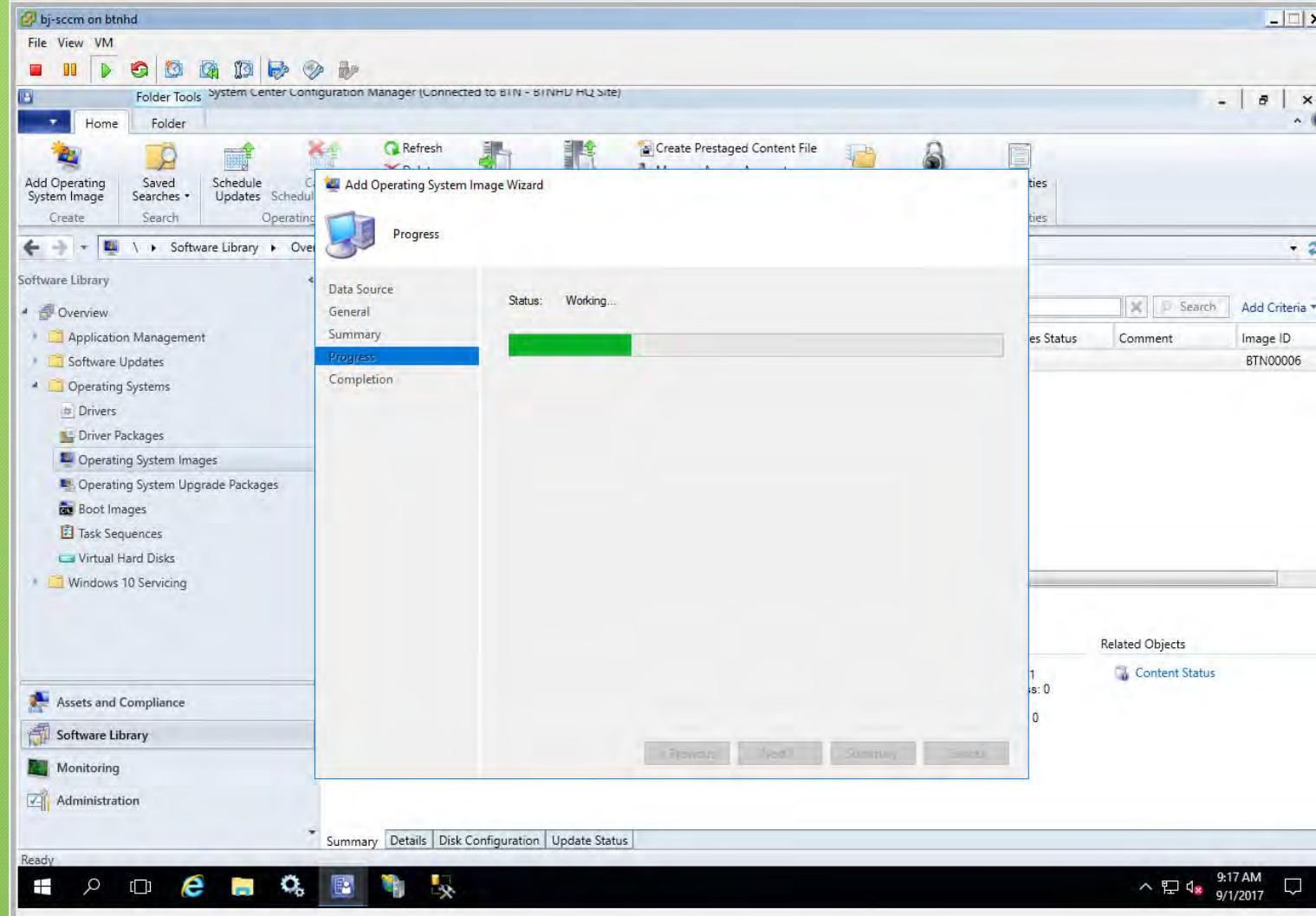
Related Objects

Content Status
1
0

Summary Details Disk Configuration Update Status

Ready

9:17 AM 9/1/2017



bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating System Image Wizard Completion

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

The Add Operating System Image Wizard completed successfully

Details:

- Success: Data Source Information
 - Source location: \\bj-sccm\sources\OSD\OS\OSImages\WindowsServer2016x64\sources\install.wim
- Success: Package Information
 - Name: Windows Server 2016
 - Version: x64

To exit the wizard, click Close.

Content Status

Related Objects

Summary Details Disk Configuration Update Status

Ready

9:17 AM 9/1/2017

bj-sccm on bnnhd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - B1\NHD\HU Site)

Home Folder

Add Operating System Image Create Saved Searches Search Schedule Updates Cancel Refresh Delete Distribute Content Update Distribution Points Create Prestaged Content File Manage Access Accounts Move Set Security Scopes Classify Properties

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Operating System Images 2 items

Icon	Name	Version	Scheduled Updates Date	Scheduled Updates Status	Comment	Image ID
	Windows 10 Enterprise x64	v1703				BTN00006
	Windows Server 2016	x64				BTN0000E

Search Add Criteria

Windows 10 Enterprise x64

Summary Content Status Related Objects

Comment: Success: 1
Version: v1703 In Progress: 0
Language: English (United States) Failed: 0
Assets and Compliance Unknown: 0

Content Status

1 Targeted (Last Update: 6/25/2017 1:40 AM)

Ready

9:17 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN = BINHNU HU Site)

Home Folder

Add Operating System Image Saved Searches Schedule Updates Cancel Refresh Delete Distribute Content Create Prestaged Content File Manage Access Accounts Move Set Security Scopes Properties

Operating System Image Deployment

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing Assets and Compliance Software Library Monitoring Administration

Operating System Images 2 items

Icon	Name	Version	Scheduled Updates Date	Scheduled Updates Status	Comment	Image ID
Windows 10 Enterprise x64	v1703					BTN00006
Windows Server 2016	x64					BTN0000E

Search Add Criteria

Schedule Updates Cancel Scheduled Updates Refresh F5 Delete F5 Distribute Content Update Distribution Points Create Prestaged Content File Manage Access Accounts Move Set Security Scopes Properties

Windows Server 2016

Summary Comment: Version: Language:

x64 English (United States)

Content Status Success: 0 In Progress: 0 Failed: 0 Unknown: 0

0 Targeted (Last Update: 9/1/2017 9:17 AM)

Ready

9:26 AM 9/1/2017

The screenshot shows the SCCM console connected to the BIN site. The left navigation pane is collapsed, showing the main categories: Overview, Software Library, Monitoring, and Administration. The Software Library is selected. The main content area displays the 'Operating System Images' folder under 'Operating Systems'. It lists two items: 'Windows 10 Enterprise x64' (version v1703) and 'Windows Server 2016' (x64). A context menu is open over the 'Windows Server 2016' item, with the 'Distribute Content' option highlighted. Other options in the menu include Schedule Updates, Refresh, Delete, Update Distribution Points, Create Prestaged Content File, Manage Access Accounts, Move, Set Security Scopes, and Properties. The 'Properties' option is also highlighted with a red box. Below the menu, the 'Windows Server 2016' properties are shown: Summary, Comment: (empty), Version: (x64), Language: (English (United States)). On the right side, there's a 'Content Status' summary with counts for Success, In Progress, Failed, and Unknown. At the bottom, it shows '0 Targeted' with a last update timestamp of 9/1/2017 9:17 AM.

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating Systems Distribute Content Wizard General

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing Assets and Compliance Software Library Monitoring Administration

Distribute Content Wizard General Content Destination Summary Progress Completion

Review selected content

You have selected the following content for distribution.

Content: Windows Server 2016

Some content might have associated dependencies that must be installed before the content can be installed.

Detect associated content dependencies and add them to this distribution

Next > Summary Cancel

Properties

Search Add Criteria

Status	Comment	Image ID
BTN00006		BTN00006
BTN0000E		BTN0000E

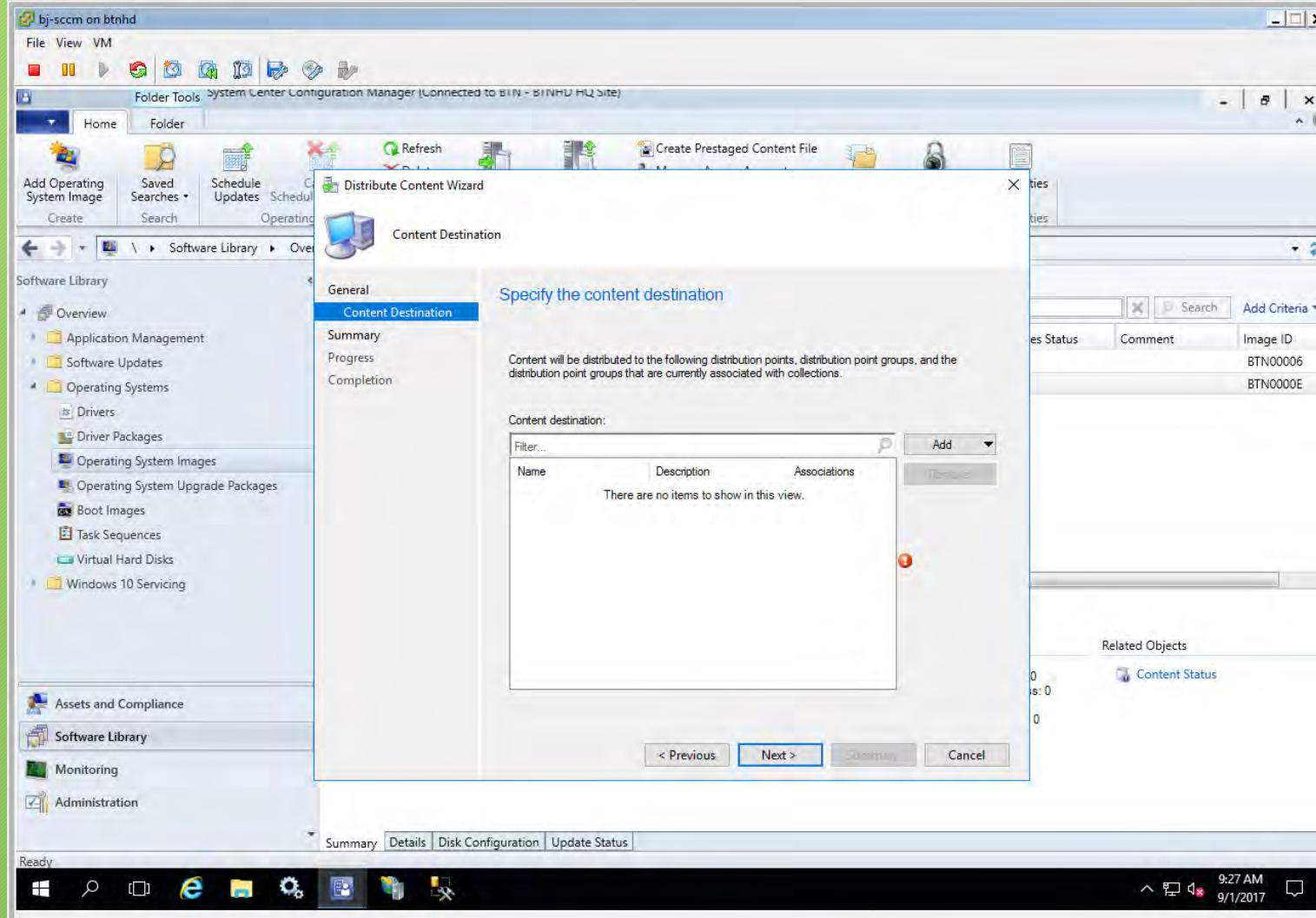
Related Objects

Content Status

0 0 0

Ready

9:27 AM 9/1/2017



bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating Systems

Distribute Content Wizard

Content Destination

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Specify the content destination

Content will be distributed to the following distribution points, distribution point groups, and the distribution point groups that are currently associated with collections.

Content destination:

Add

Collections Distribution Point Distribution Point Group

Related Objects

Content Status

Summary Details Disk Configuration Update Status

Ready

9:27 AM 9/1/2017

Content Status

Name	Description	Associations
There are no items to show in this view.		

< Previous Next > Summary Cancel

0 0 0

bj-sccm on btnhd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BTNHQ HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating Content Destination

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Assets and Compliance Software Library Monitoring Administration

Content Destination

Add Distribution Points

Select distribution points that will host this content.

Software Update Packages are never distributed to Cloud Distribution Points.

Available distribution points:

Name	Type	Description
<input type="checkbox"/> BJ-SCCM.BTNHD.EDU	On-premises	
<input type="checkbox"/> MANAGE.MICROSOFT.COM	Cloud	

OK Cancel

< Previous Next > Summary Cancel

Ready

9:28 AM 9/1/2017

Content Status

Image ID	Status	Comment
BTN00006	Success	
BTN0000E	Success	

bj-sccm on btnhd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BTNHQ HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating Content Destination Distribute Content Wizard Create Prestaged Content File Refresh

Content Destination

Add Distribution Points

Select distribution points that will host this content.

Software Update Packages are never distributed to Cloud Distribution Points.

Available distribution points:

Name	Type	Description
<input checked="" type="checkbox"/> BJ-SCCM.BTNHD.EDU	On-premises	
<input type="checkbox"/> MANAGE.MICROSOFT.COM	Cloud	

OK Cancel

General Content Dest

Summary Progress Completion

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Assets and Compliance

Software Library

Monitoring

Administration

Ready

9:28 AM 9/1/2017

Content Status

0 0 0

Related Objects

Content Status

0 0 0

Summary Details Disk Configuration Update Status

bj-sccm on btnhd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BTNHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating System Image

Distribute Content Wizard

Content Destination

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Specify the content destination

Content will be distributed to the following distribution points, distribution point groups, and the distribution point groups that are currently associated with collections.

Content destination:

Name	Description	Associations
BJ-SCCM.BTNHD.EDU	Distribution point	

Add Remove

< Previous Next > Summary Cancel

Related Objects Content Status

0 0 0

Ready

9:28 AM 9/1/2017

Summary Details Disk Configuration Update Status

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BTH - BTHND HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Distribute Content Wizard Summary

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

General Content Destination Summary Progress Completion

Confirm the settings

Details:

- Content (1):
 - Windows Server 2016
- Collections (0):
- Distribution point groups (0):
- Distribution points (1):
 - BJ-SCCM.BTHND.EDU

To change these settings, click Previous. To apply the settings, click Next.

< Previous Next > Summary Cancel

Related Objects

Content Status

0 0 0

Ready

9:28 AM 9/1/2017

The screenshot captures the System Center Configuration Manager (SCCM) interface on a Windows operating system. The title bar reads "bj-sccm on bthnd". The main window is titled "Distribute Content Wizard" and is currently on the "Summary" step. The left sidebar lists various management categories like Software Library, Assets and Compliance, and Monitoring. The central pane displays the configuration details for the selected content item, which is Windows Server 2016. It shows one distribution point group and one distribution point. The bottom of the window has navigation buttons for "Previous", "Next", "Summary", and "Cancel". A status bar at the bottom indicates "Ready" and shows the system date and time as "9:28 AM 9/1/2017".

bj-sccm on btnhd

File View VM

Folder Tools System Center Configuration Manager (Connected to BTN - BTNHQ HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Distribute Content Wizard Completion

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

The Distribute Content Wizard completed successfully

General Content Destination Summary Progress Completion

Details:

- Content (1):
 - Windows Server 2016
- Collections (0):
- Distribution point groups (0):
- Distribution points (1):
 - BJ-SCCM.BTNHD.EDU

To exit the wizard, click Close.

0 0 0

Content Status

Summary Details Disk Configuration Update Status

Ready

9:28 AM 9/1/2017

This screenshot captures the System Center Configuration Manager (SCCM) interface on a Windows operating system. The title bar indicates the session is running on the 'btndhd' machine. The main workspace is titled 'Distribute Content Wizard' and is currently on the 'Completion' step. A prominent message box in the center states, 'The Distribute Content Wizard completed successfully'. Below this message, a 'Details:' section provides a summary of the completed task, listing one content item (Windows Server 2016), zero collections, zero distribution point groups, and one distribution point (BJ-SCCM.BTNHD.EDU). At the bottom of the message box, there is a note: 'To exit the wizard, click Close.' To the right of the message box, a 'Related Objects' pane is visible, showing a single entry for 'Content Status'. The left sidebar contains navigation links for 'Assets and Compliance', 'Software Library' (which is currently selected), 'Monitoring', and 'Administration'. The bottom of the screen features a standard Windows taskbar with icons for Start, Search, Internet Explorer, File Explorer, Control Panel, and Task View, along with a system tray showing the date and time (9:28 AM, 9/1/2017).

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHNU HQ Site)

Home Folder

Add Operating System Image Saved Searches Schedule Updates Cancel Refresh Delete Create Prestaged Content File
Operating System Image Distribute Content Update Points Manage Access Accounts Deployment Move Set Security Scopes Properties
Create Search Scheduled Updates Operating System Image Move Classify Properties

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Operating System Images 2 items

Icon	Name	Version	Scheduled Updates Date	Scheduled Updates Status	Comment	Image ID
Windows 10 Enterprise x64	v1703					BTN00006
Windows Server 2016	x64					BTN0000E

Search Add Criteria

Windows Server 2016

Summary Comment: Version: Language: x64 English (United States)

Content Status Success: 1 In Progress: 0 Failed: 0 Unknown: 0

1 Targeted (Last Update: 9/1/2017 9:28 AM)

Related Objects Content Status

Assets and Compliance Software Library Monitoring Administration

Summary Details Disk Configuration Update Status

Ready 9:32 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - B1 (NHU HU Site))

Home Folder

Add Operating System Image Create Saved Searches Search Schedule Updates Cancel Refresh Delete Distribute Content Update Distribution Points Create Prestaged Content File Manage Access Accounts Move Set Security Scopes Classify Properties

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Create Task Sequence Create Task Sequence Media Import Task Sequence Create MDT Task Sequence Folder Assets and Compliance Software Library Monitoring Administration

Operating System Images 2 items

Icon	Name	Version	Scheduled Updates Date	Scheduled Updates Status	Comment	Image ID
	Windows 10 Enterprise x64	v1703				BTN00006
	Windows Server 2016	x64				BTN0000E

Search Add Criteria

Windows Server 2016

Content Status

Related Objects

Success: 1
In Progress: 0
Failed: 0
Unknown: 0

1 Targeted (Last Update: 9/1/2017 9:28 AM)

Summary Details Disk Configuration Update Status

Ready 9:49 AM 9/1/2017

bj-sccm on btnhd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BTNHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Assets and Compliance Software Library Monitoring Administration

Create Task Sequence Wizard

Create New Task Sequence

Create a new task sequence

Task Sequence Information

Install Windows Configure Network Install Configuration Manager State Migration Include Updates Install Applications

A Task sequence performs multiple steps or actions on a client computer at the command-line level without requiring user intervention. Select the type of task sequence to create. You can use the task sequence editor to add steps to your task sequence.

Summary Progress Completion

Select a new task sequence to be created.

Install an existing image package

Build and capture a reference operating system image

Install an existing image package to a virtual hard disk

Upgrade an operating system from an upgrade package

Create a new custom task sequence

Next > Summary Cancel

Properties

Search Add Criteria

Status	Comment	Image ID
Success		BTN00006
Success		BTN0000E

Related Objects

Content Status

1 ss: 0 : 0

Ready

9:49 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Create Task Sequence Wizard Task Sequence Information

Create New Task Sequence Task Sequence Information

Task Sequence Information

Task sequence name: Task Sequence 1

Description:

Boot image:

Summary Progress Completion

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Image ID
BTN00006
BTN0000E

Related Objects

Content Status

Ready

9:49 AM 9/1/2017

The screenshot displays the System Center Configuration Manager (SCCM) interface on a Windows operating system. The title bar reads "bj-sccm on bthnd". The menu bar includes "File", "View", and "VM". Below the menu is a toolbar with icons for file operations like Open, Save, Print, and Copy. The main window shows a "Software Library" navigation pane on the left with sections for Overview, Application Management, Software Updates, Operating Systems (selected), Drivers, Driver Packages, Operating System Images, Operating System Upgrade Packages, Boot Images, Task Sequences, Virtual Hard Disks, and Windows 10 Servicing. The central workspace is titled "Create Task Sequence Wizard" and is on the "Task Sequence Information" step. It contains fields for "Task sequence name" (set to "Task Sequence 1"), "Description", and "Boot image". A "Summary" tab is visible at the bottom. On the right, there's a properties pane, a search bar, and a table showing task sequence details with columns for "Status", "Comment", and "Image ID" (values: BTN00006, BTN0000E). A "Related Objects" section lists "Content Status". The taskbar at the bottom shows standard Windows icons for Start, Search, Task View, Internet Explorer, File Explorer, Control Panel, and Task Manager. The system tray shows the date and time (9:49 AM, 9/1/2017).

bj-sccm on bthd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BTHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Create Task Sequence Wizard Task Sequence Information

Create New Task Sequence Task Sequence Information

Specify task sequence information

Task sequence name: Deploy Windows Server 2016 x64

Description:

Boot image:

Select a Boot Image

Folders: Root

Boot images:

Filter... Boot image (x64) 10.0.14393.0 en-US
Boot image (x86) 10.0.14393.0 en-US
WinPE 10 x64 v1703 en-US

Image ID: BTN00005
Architecture: X64
Description:

Ready 9:51 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BTNHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Create Task Sequence Wizard Task Sequence Information

Create New Task Sequence Task Sequence Information

Install Windows Configure Network Install Configuration Manager State Migration Include Updates Install Applications Summary Progress Completion

Specify task sequence information

Task sequence name: Deploy Windows Server 2016 x64

Description:

Boot image: Boot image (x64) 10.0.14393.0 en-U Browse...

Properties

Search Add Criteria

Image ID
BTN00006
BTN0000E

Related Objects

Content Status

Summary Details Disk Configuration Update Status

Ready

9:52 AM 9/1/2017

bj-sccm on btnhd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Assets and Compliance Software Library Monitoring Administration

Create Task Sequence Wizard

Install Windows

Create New Task Sequence Task Sequence Information Install Windows Configure Network Install Configuration Manager State Migration Include Updates Install Applications Summary Progress Completion

Install the Windows operating system

Specify the Windows operating system image and installation information.

Image package:

Image index:

Partition and format the target computer before installing the operating system.

Configure task sequence for use with BitLocker

Specify the licensing information for the Windows installation.

Product key:

Server licensing mode:

Maximum server connections:

Randomly generate the local administrator password and disable the account on all supported platforms (recommended)

Enable the account and specify the local administrator password

Password:
Confirm password:

< Previous Next > Summary Cancel

Properties

Search Add Criteria

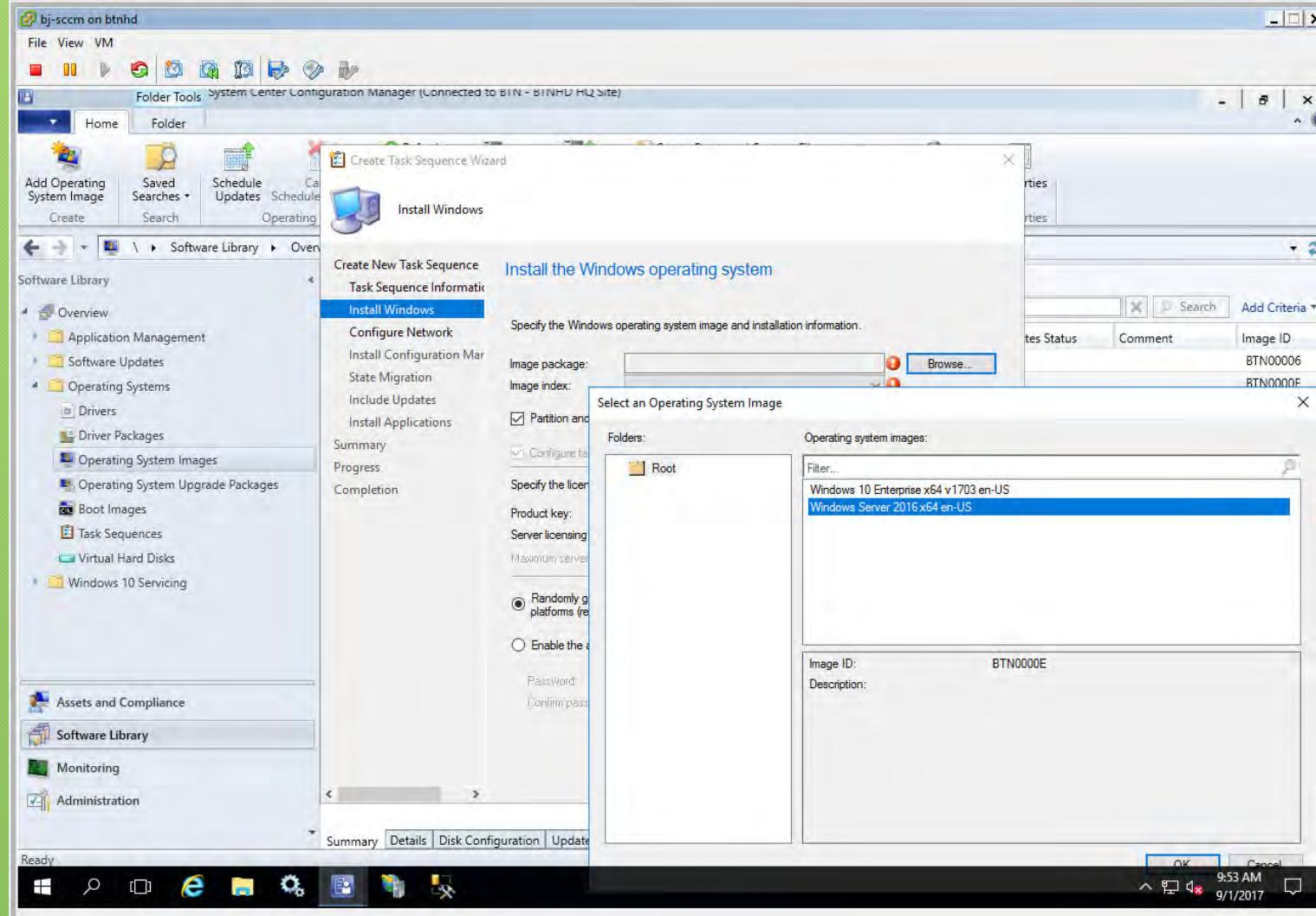
Image ID
BTN00006
BTN0000E

Related Objects

Content Status

Ready

9:52 AM 9/1/2017



bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BTHND HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing Assets and Compliance Software Library Monitoring Administration

Create Task Sequence Wizard

Install Windows

Create New Task Sequence Task Sequence Information Install Windows Configure Network Install Configuration Manager State Migration Include Updates Install Applications Summary Progress Completion

Install the Windows operating system

Specify the Windows operating system image and installation information.

Image package: Windows Server 2016 x64 en-US Browse...
Image index: 1 - Windows Server 2016 SERVERSTANDARDCORE
1 - Windows Server 2016 SERVERSTANDARDCORE
2 - Windows Server 2016 SERVERSTANDARD
3 - Windows Server 2016 SERVERDATACENTERCORE
4 - Windows Server 2016 SERVERDATACENTER
 Partition and format
 Configure task sequence for use with bitlocker

Specify the licensing information for the Windows installation.

Product key:
Server licensing mode: Do not specify Maximum server connections: 5
 Randomly generate the local administrator password and disable the account on all supported platforms (recommended)
 Enable the account and specify the local administrator password
Password:
Confirm password:

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Object Status	Comment	Image ID
		BTN00006
		BTN0000E

Related Objects

Content Status

Ready

9:53 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BTHND HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing Assets and Compliance Software Library Monitoring Administration

Create Task Sequence Wizard

Install Windows

Create New Task Sequence Task Sequence Information Install Windows Configure Network Install Configuration Manager State Migration Include Updates Install Applications Summary Progress Completion

Install the Windows operating system

Specify the Windows operating system image and installation information.

Image package: Windows Server 2016 x64 en-US Browse...
Image index: 4 - Windows Server 2016 SERVERDATACENTE
 Partition and format the target computer before installing the operating system.
 Configure task sequence for use with BitLocker

Specify the licensing information for the Windows installation.

Product key:
Server licensing mode: Do not specify Maximum server connections: 5
 Randomly generate the local administrator password and disable the account on all supported platforms (recommended)
 Enable the account and specify the local administrator password

Password: Confirm password:

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Content Status

Related Objects

Summary Details Disk Configuration Update Status

Ready

9:53 AM 9/1/2017

The screenshot displays the SCCM console with the 'Create Task Sequence Wizard' open. The 'Install Windows' step is currently selected. A red box highlights the checkbox for 'Configure task sequence for use with BitLocker'. Another red box highlights the 'Enable the account and specify the local administrator password' radio button, which is selected. The 'Password' and 'Confirm password' fields both contain six asterisks. The status bar at the bottom indicates the system is ready and shows the date and time as 9/1/2017 9:53 AM.

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BTH - BTHHQ HQ Site)

Home Folder

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Create Task Sequence Wizard

Configure Network

Create New Task Sequence Task Sequence Information Install Windows Configure Network Install Configuration Manager State Migration Include Updates Install Applications Summary Progress Completion

Select the domain or workgroup to join.

Join a workgroup Workgroup: WORKGROUP

Join a domain Domain: Domain OU: Browse... Browse...

Specify the account that has permission to join the domain.

Account: Set...

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Image ID
BTN00006
BTN0000E

Related Objects

Content Status

Ready

9:54 AM 9/1/2017

The screenshot displays the System Center Configuration Manager (SCCM) interface. A central window titled 'Create Task Sequence Wizard' is open, specifically the 'Configure Network' step. The 'Join a workgroup' radio button is selected, and the text 'WORKGROUP' is entered into the 'Workgroup:' input field. Below this, there are fields for 'Domain:' and 'Domain OU:', both of which are currently empty. Further down, there is a section for specifying a domain account, with an 'Account:' input field and a 'Set...' button. At the bottom of the wizard window, there are buttons for '< Previous', 'Next >', 'Summary', and 'Cancel'. The background shows the main SCCM navigation pane with various management categories like 'Assets and Compliance', 'Software Library', 'Monitoring', and 'Administration'. On the right side, a table lists operating system images with columns for 'Status', 'Comment', and 'Image ID', showing entries for 'BTN00006' and 'BTN0000E'. A 'Related Objects' section is also visible, showing a single entry for 'Content Status'. The taskbar at the bottom includes icons for Start, Search, Task View, Internet Explorer, File Explorer, Settings, Taskbar, and a system status icon. The system tray shows the date and time as '9:54 AM 9/1/2017'.

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Create Task Sequence Wizard

Install Configuration Manager

Create New Task Sequence Task Sequence Information Install Windows Configure Network **Install Configuration Manager** State Migration Include Updates Install Applications

Specify the Configuration Manager client package. Configuration Manager site assignment and client configuration is done automatically. You can specify additional installation properties.

Summary Package: Configuration Manager Client Package Browse... Installation properties: SMSCACHESIZE=20480 CCMLOGMAXHISTORY=3 CCMLOGMAXSIZE=10485760

Progress Completion

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Image ID Status Comment

BTN00006
BTN0000E

Related Objects Content Status

Content Status

Ready

9:54 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing Assets and Compliance Software Library Monitoring Administration

Create Task Sequence Wizard State Migration

Configure state migration

Select the settings on the destination computer to migrate as part of this image deployment.

This action will capture the user specific settings.

Capture user settings and files

USMT Package: Microsoft Corporation User State Migration Tool

Save user settings and files on a State Migration Point
 Save user settings and files locally

Capture locally by using links instead of by copying files

This option is not applicable to versions of USMT that are earlier than USMT 4.0

This action will capture the configuration of the network.

Capture network settings

This action will capture the Windows specific settings.

Capture Microsoft Windows settings

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Status	Comment	Image ID
Success		BTN00006
Success		BTN0000E

Related Objects

Content Status

1 ss: 0 : 0

Ready

10:05 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing Assets and Compliance Software Library Monitoring Administration

Create Task Sequence Wizard State Migration

Configure state migration

Select the settings on the destination computer to migrate as part of this image deployment.

This action will capture the user specific settings.

Capture user settings and files

USMT Package: Microsoft Corporation User State Migration Tool

Save user settings and files on a State Migration Point
 Save user settings and files locally
 Capture locally by using links instead of by copying files

This option is not applicable to versions of USMT that are earlier than USMT 4.0

This action will capture the configuration of the network.

Capture network settings

This action will capture the Windows specific settings.

Capture Microsoft Windows settings

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Image ID
BTN00006
BTN0000E

Related Objects

Content Status

Ready

1 ss: 0 : 0

10:06 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Create Task Sequence Wizard

Include Updates

Create New Task Sequence Task Sequence Information Install Windows Configure Network Install Configuration Manager State Migration **Include Updates** Install Applications Summary Progress Completion

Include software updates

Install software updates based on the type of software update deployment:

Required for installation - Mandatory software updates only
 Available for installation - All software updates
 Do not install any software updates

Properties

Search Add Criteria

Status	Comment	Image ID
BTN00006		BTN00006
BTN0000E		BTN0000E

Related Objects

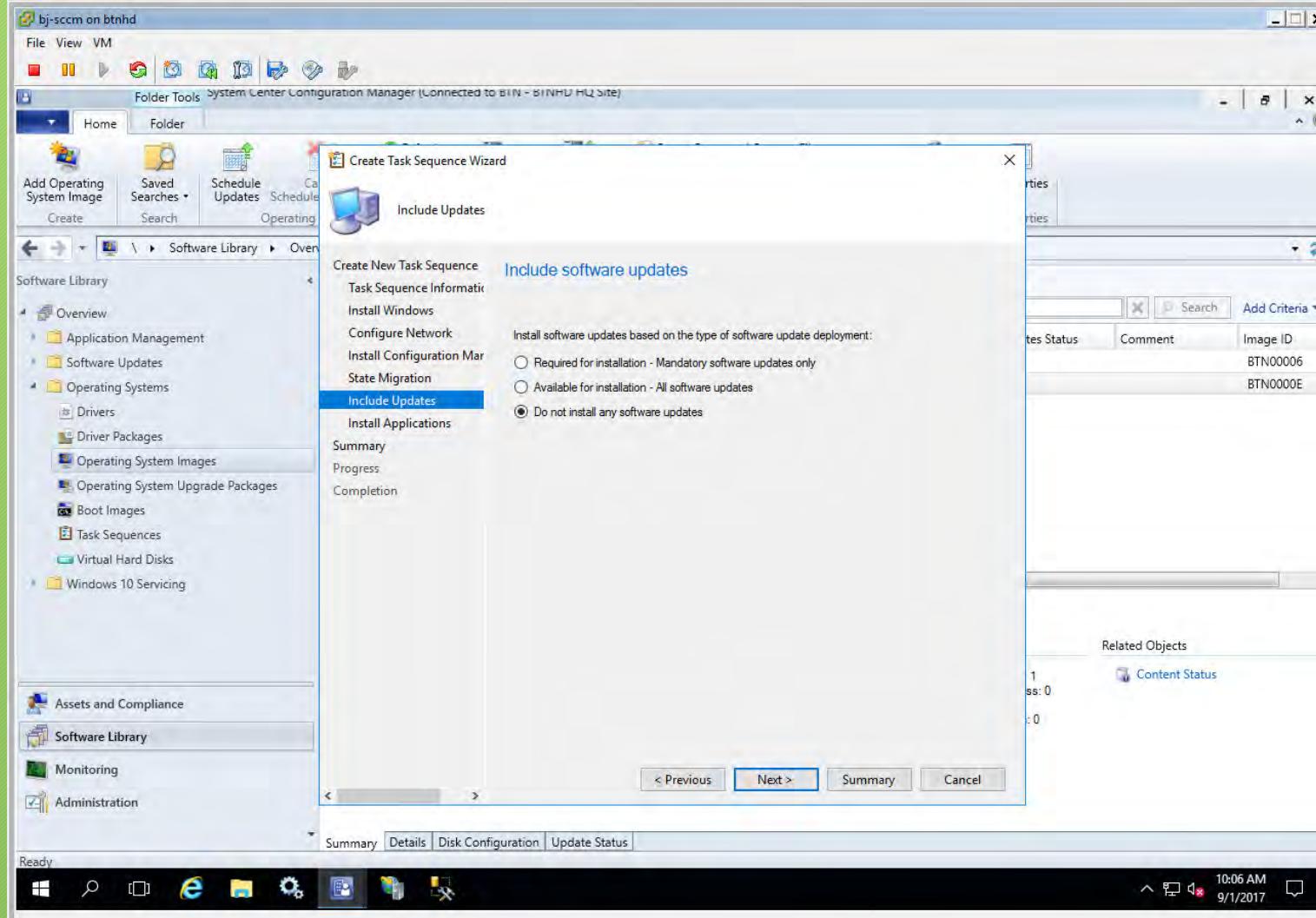
Content Status

1 ss: 0 : 0

< Previous Next > Summary Cancel

Ready

10:06 AM 9/1/2017



bj-sccm on bnnhd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Create Task Sequence Wizard

Install Applications

Create New Task Sequence Task Sequence Information Install Windows Configure Network Install Configuration Manager State Migration Include Updates

Install Applications

Summary Progress Completion

Install applications

Select the applications to be run with this operating system image.

Applications:

Application name	Description
There are no items to show in this view.	

If an application installation fails, continue installing other applications in the list

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Status	Comment	Image ID
Success		BTN00006
Success		BTN0000E

Related Objects

Content Status

Ready

1 ss: 0 : 0

10:06 AM 9/1/2017

The screenshot displays the System Center Configuration Manager (SCCM) interface on a Windows 7 desktop. The main window title is "bj-sccm on bnnhd". The ribbon menu includes "File", "View", and "VM". Below the ribbon are standard icons for file operations like Open, Save, Print, and Copy/Paste. The top navigation bar shows "Folder Tools" and "System Center Configuration Manager (Connected to BIN - BINHD HQ Site)". The left sidebar is titled "Software Library" and contains a tree view of management categories: Overview, Application Management, Software Updates, Operating Systems (selected), Drivers, Driver Packages, Operating System Images, Operating System Upgrade Packages, Boot Images, Task Sequences, Virtual Hard Disks, and Windows 10 Servicing. The central workspace is titled "Create Task Sequence Wizard" and is currently on the "Install Applications" step. A sub-section titled "Install applications" asks to select applications to run with the operating system image. A table lists "Applications" with columns for "Application name" and "Description", noting "There are no items to show in this view." A checkbox at the bottom left of the wizard step allows continuing installation if an application fails. Navigation buttons at the bottom include "< Previous", "Next >", "Summary", and "Cancel". To the right of the wizard, a "Properties" pane is partially visible, along with a search bar and a table showing "Status", "Comment", and "Image ID" for two entries: "Success" and "BTN00006" and "Success" and "BTN0000E". A "Related Objects" section shows a "Content Status" entry. The bottom status bar says "Ready". The taskbar at the bottom shows the Windows Start button, a search icon, a folder icon, a gear icon, a taskbar icon, and a system tray icon. The system tray shows the date and time as "10:06 AM 9/1/2017".

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Create Task Sequence Wizard Summary

Create New Task Sequence Task Sequence Information Install Windows Configure Network Install Configuration Manager State Migration Include Updates Install Applications

Summary Progress Completion

Confirm the settings

Details:

Verify the following task sequence details.

Create a new task sequence

- Name: Deploy Windows Server 2016 x64
- Boot Image: Boot image (x64) 10.0.14393.0 en-US

Install the Windows operating system

- Image package: Windows Server 2016 x64 en-US
- Image index: 4 - Windows Server 2016 SERVERDATACENTER
- Partition and format target computer: Yes
- Enable BitLocker: No
- Server licensing mode: Do not specify
- Use random password: No

Configure the network

- Join workgroup: WORKGROUP

Install the Configuration Manager client

- Package: Configuration Manager Client Package
- Installation properties: SMSCACHESIZE=20480 CCMLOGMAXHISTORY=3 CCMLOGMAXSIZE=10485760

Configure state migration

- Capture user settings: No
- Capture network settings: No

To change these settings, click Previous. To apply the settings, click Next.

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Status	Comment	Image ID
Success		BTN00006
Success		BTN0000E

Related Objects

Content Status

1 Success 0

Ready

10:06 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Add Operating System Image Create Saved Searches Search Schedule Updates Schedule Operating

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Create Task Sequence Wizard Completion

The Create Task Sequence Wizard completed successfully

Details:

- Success: The task sequence has been created successfully.
- Success: Create a new task sequence
 - Name: Deploy Windows Server 2016 x64
 - Boot Image: Boot image (x64) 10.0.14393.0 en-US
- Success: Install the Windows operating system
 - Image package: Windows Server 2016 x64 en-US
 - Image index: 4 - Windows Server 2016 SERVERDATACENTER
 - Partition and format target computer: Yes
 - Enable BitLocker: No
 - Server licensing mode: Do not specify
 - Use random password: No
- Success: Configure the network
 - Join workgroup: WORKGROUP
- Success: Install the Configuration Manager client
 - Package: Configuration Manager Client Package
 - Installation properties: SMSCACHESIZE=20480 CCMLOGMAXHISTORY=3 CCM_GCMMAXSIZE=1048576

To exit the wizard, click Close.

Playback Next Summary Close

Summary Details Disk Configuration Update Status

Ready

1 ss: 0 : 0

Content Status

10:06 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN = BINHOU HU Site)

Home Folder

Create MDT Task Sequence Create Task Sequence Create Task Sequence Media Import Task Sequence Saved Searches Edit Enable Copy Disable Refresh Export Delete Deploy Distribute Content Create Prestaged Content File Move Set Security Scopes Properties

Task Sequences Create Search Task Sequence Deployment Move Classify Properties

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Task Sequences 4 items

Icon	Name	Description	Package ID	Date Created
	Deploy Windows Server 2016 x64		BTN0000F	9/1/2017 10:06 AM
	Upgrade to Windows x64 v1703		00C	6/25/2017 10:20 AM
	Windows 10 x64 v1703 Upgrade		00D	6/25/2017 5:18 PM
	Windows 10 x64 v1703 with MDT		00A	6/25/2017 10:11 AM

Search Add Criteria

Icon Name Description Package ID Date Created

Edit
Enable
Disable
Export
Copy
Refresh F5
Delete
Deploy
Distribute Content

Deploy Windows Server 2016 x64

Summary

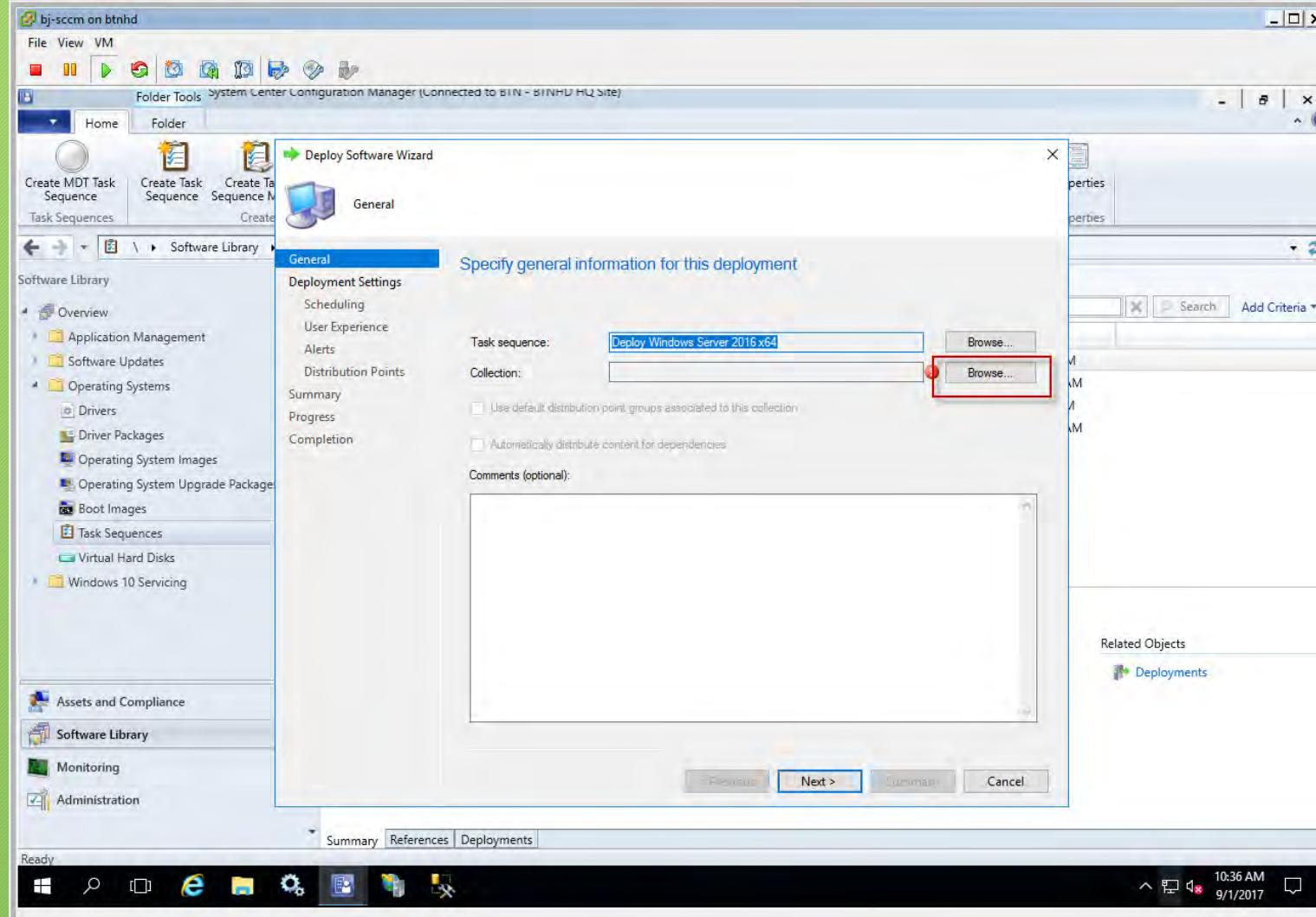
Name:	Deploy Wi
Description:	
Package ID:	BTN0000F
Package Type:	4
Boot Image ID:	BTN00005

Related Objects Deployments

Assets and Compliance Software Library Monitoring Administration

Ready

10:36 AM 9/1/2017



bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Home Folder

Create MDT Task Sequence Create Task Sequence Create Task Sequence M Create

Deploy Software Wizard

General

Select Collection

Device Collections

Root

Hide collections with a member count greater than site's minimum size configuration (100)

Configuration Manager

! Deploy Windows Server 2016 x64 has potential to be a high risk deployment.

Therefore, the 'Select Collection' window displays only the custom collections that meet this site's configurations for collection size deployment verification. Deployment verification is configured as part of the site's Properties.

OK

OK Cancel

Related Objects

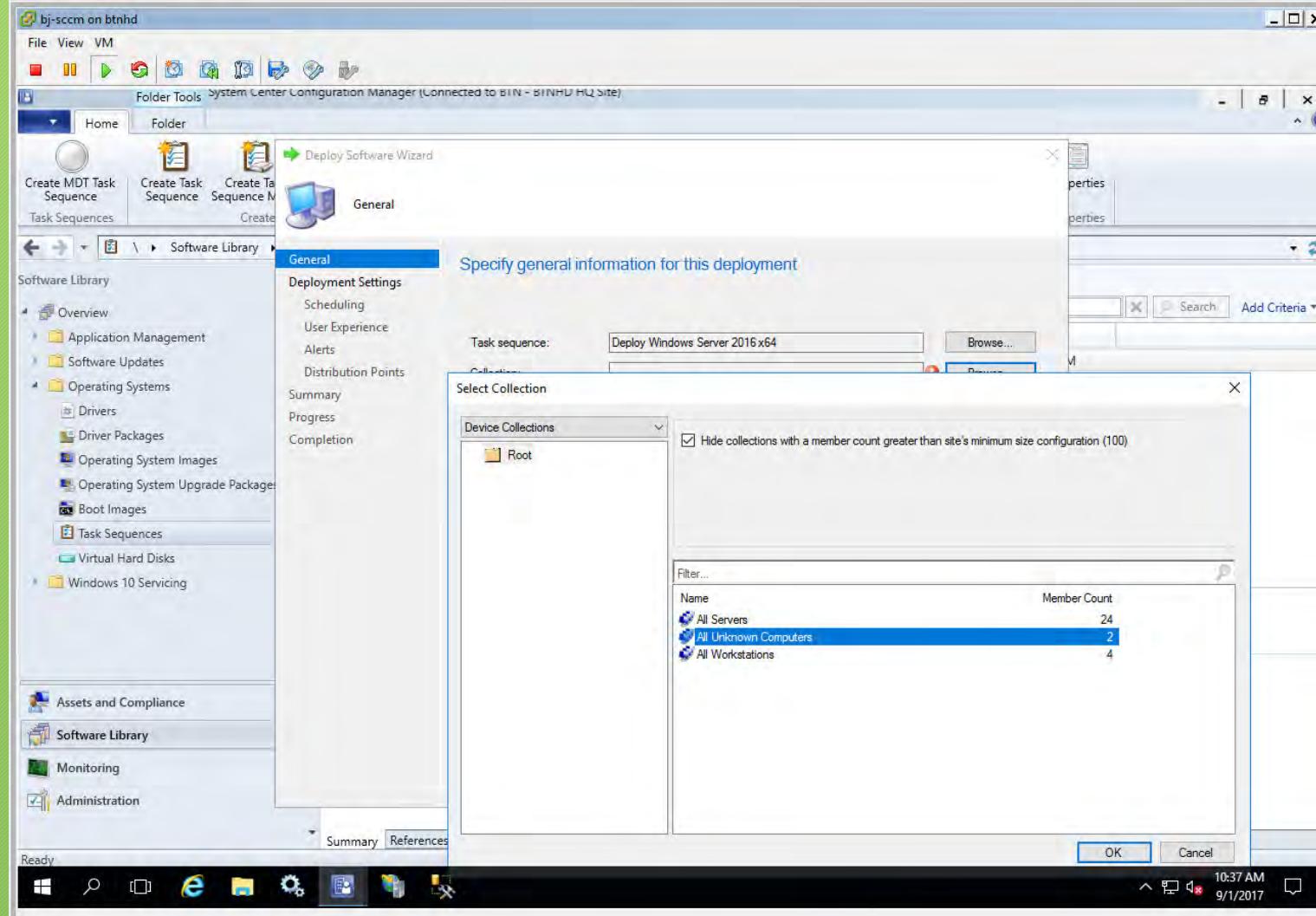
Deployments

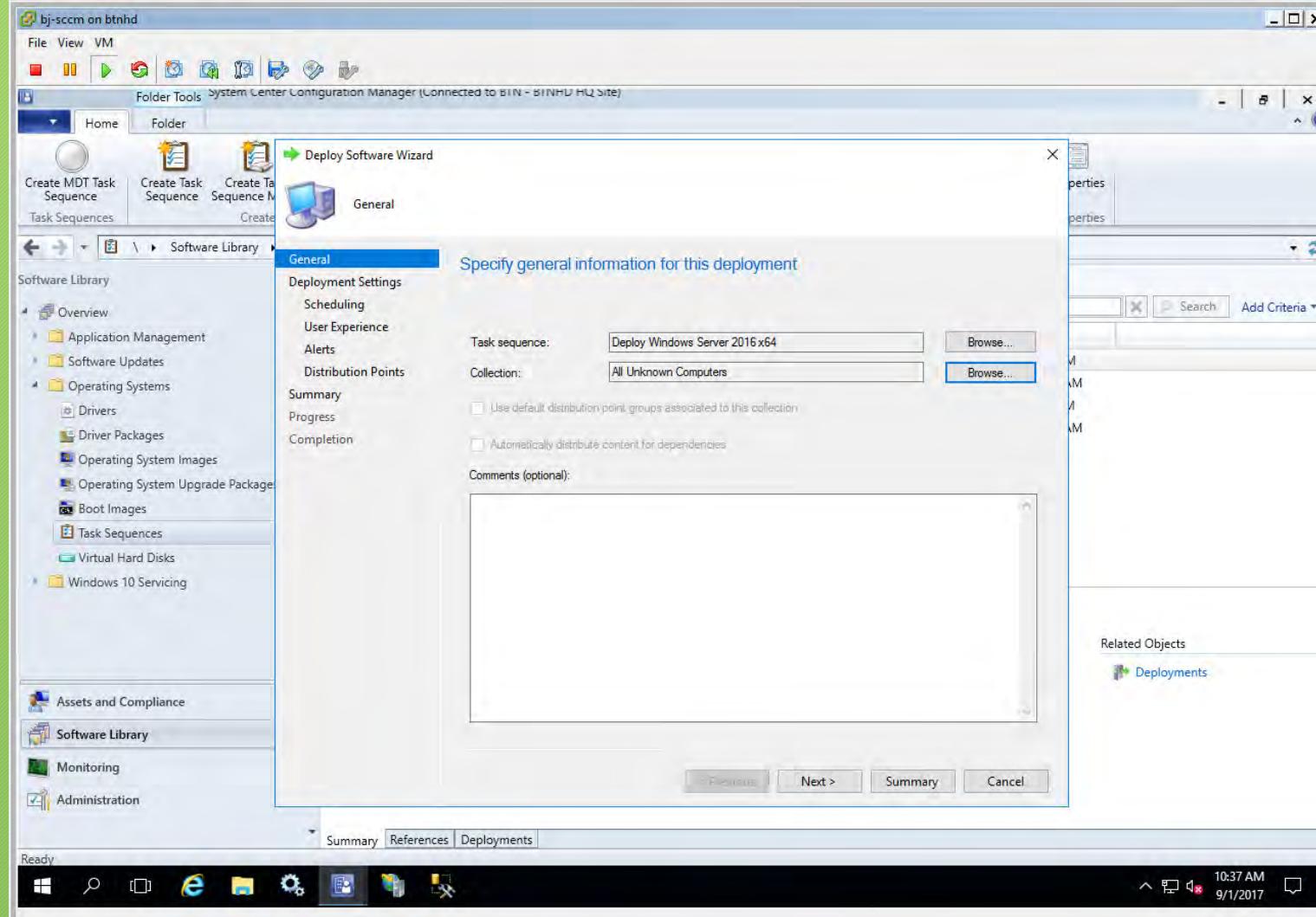
Summary References Deployments

Ready

10:37 AM 9/1/2017

The screenshot shows the System Center Configuration Manager (SCCM) interface. The main window title is "System Center Configuration Manager (Connected to BIN - BINHD HQ Site)". The left sidebar includes sections for Overview, Application Management, Software Updates, Operating Systems (Drivers, Driver Packages, Operating System Images, Operating System Upgrade Package, Boot Images, Task Sequences, Virtual Hard Disks), Windows 10 Servicing, Assets and Compliance, Software Library (selected), Monitoring, and Administration. A "Create" ribbon bar contains icons for MDT Task Sequence, Task Sequence, Task Sequence M, and Create. A "Deploy Software Wizard" is visible in the center. A "Select Collection" dialog box is open, displaying a warning message about deploying Windows Server 2016 x64 due to potential high risk. The message states: "'Deploy Windows Server 2016 x64' has potential to be a high risk deployment. Therefore, the 'Select Collection' window displays only the custom collections that meet this site's configurations for collection size deployment verification. Deployment verification is configured as part of the site's Properties." There are "OK" and "Cancel" buttons at the bottom of the dialog. The status bar at the bottom right shows the date and time: "10:37 AM 9/1/2017".





bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Home Folder

Create MDT Task Sequence Create Task Sequence Create Task Sequence

Deployment Settings

General Deployment Settings

Scheduling User Experience Action: Install

Alerts Distribution Points Purpose: Available

Require administrator approval if users request this application

Specify whether to make this task sequence available to Configuration Manager clients, and whether it is available to run when you deploy an operating system by using boot media, prestaged media, or PXE.

Make available to the following: Only Configuration Manager Clients

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Related Objects Deployments

Software Library

- Overview
 - Application Management
 - Software Updates
- Operating Systems
 - Drivers
 - Driver Packages
 - Operating System Images
 - Operating System Upgrade Package
 - Boot Images
 - Task Sequences
 - Virtual Hard Disks
- Windows 10 Servicing

Assets and Compliance

Software Library

Monitoring

Administration

Summary References Deployments

Ready

10:37 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Home Folder

Create MDT Task Sequence Create Task Sequence Create Task Sequence M

Deployment Settings

General Deployment Settings

Scheduling User Experience Action: Install

Alerts Distribution Points Purpose: Available

Require administrator approval if users request this application

Specify whether to make this task sequence available to Configuration Manager clients, and whether it is available to run when you deploy an operating system by using boot media, prestaged media, or PXE.

Make available to the following:

- Only Configuration Manager Clients
- Only Configuration Manager Clients**
- Configuration Manager clients, media and PXE
- Only media and PXE
- (Only media and PXE (hidden))

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Related Objects Deployments

Ready

10:38 AM 9/1/2017

The screenshot shows the SCCM interface with the 'Software Library' selected in the navigation pane. A task sequence named 'Deployment Settings' is being configured. The 'Deployment Settings' tab is active, showing options for scheduling, user experience, alerts, and distribution points. Under 'Distribution Points', the 'Purpose' is set to 'Available'. There is a checkbox for requiring administrator approval if users request the application. Below that, there is a section titled 'Make available to the following:' with a dropdown menu containing several options. The option 'Only Configuration Manager Clients' is currently selected. At the bottom of the dialog, there are buttons for '< Previous', 'Next >', 'Summary', and 'Cancel'. To the right of the main window, there is a properties pane and a related objects pane showing 'Deployments'.

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Home Folder

Create MDT Task Sequence Create Task Sequence Create Task Sequence

Deployment Settings

General Deployment Settings

Scheduling User Experience Action: Install

Alerts Distribution Points Purpose: Available

Require administrator approval if users request this application

Specify whether to make this task sequence available to Configuration Manager clients, and whether it is available to run when you deploy an operating system by using boot media, prestaged media, or PXE.

Make available to the following: Only media and PXE

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Related Objects Deployments

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Package Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Assets and Compliance

Software Library

Monitoring

Administration

Summary References Deployments

Ready

10:38 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Home Folder

Create MDT Task Sequence Create Task Sequence Create Task Sequence M

Deploy Software Wizard

Scheduling

General Deployment Settings Scheduling

User Experience Alerts Distribution Points

Summary Progress Completion

This program will be available as soon as it has been distributed to the content servers unless it is scheduled for a later time below. For required applications, specify the assignment schedule.

Schedule when this deployment will become available:
9/ 1/2017 [] 10:37 AM UTC

Schedule when this deployment will expire:
9/ 1/2017 [] 10:37 AM UTC

Assignment schedule:

There are no items to show in this view.

Rerun behavior: Always rerun program

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Related Objects Deployments

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Package Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Assets and Compliance

Software Library

Monitoring

Administration

Ready

10:38 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BTHND HQ Site)

Home Folder Deploy Software Wizard

Create MDT Task Sequence Create Task Sequence Create Task Sequence N

User Experience

General Deployment Settings Scheduling User Experience

Alerts Distribution Points

Summary Progress Completion

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Package Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Assets and Compliance Software Library Monitoring Administration

Specify the user experience for the installation of this software on the selected devices

Notification settings:

Allow users to run the program independently of assignments

Show Task Sequence progress

When the scheduled assignment time is reached, allow the following activities to be performed outside the maintenance window:

Software installation

System restart (if required to complete the installation)

Write filter handling for Windows Embedded devices

Commit changes at deadline or during a maintenance window (requires restarts)

If this option is not selected, content will be applied on the overlay and committed later.

Internet based clients:

Allow task sequence to run for client on the Internet

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Related Objects Deployments

Ready

10:39 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Home Folder

Create MDT Task Sequence Create Task Sequence Create Task Sequence M

Alerts

General Deployment Settings Scheduling User Experience Alerts Distribution Points Summary Progress Completion

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Package Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Assets and Compliance Software Library Monitoring Administration

Deploy Software Wizard

Specify Configuration Manager and Operations Manager alert options

Configuration Manager generates alerts when this task sequence is deployed.

Threshold for successful deployment:

Create a deployment alert when the threshold is lower than the following:

Percent success: 90 After: 9/8/2017 10:37 AM

Threshold for failed deployment:

Create a deployment alert when the threshold is higher than the following:

Percent failure: 10

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Related Objects Deployments

Ready

10:39 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Home Folder

Create MDT Task Sequence Create Task Sequence Create Task Sequence M

Distribution Points

Deploy Software Wizard

General Deployment Settings Scheduling User Experience Alerts Distribution Points

Specify how to run the content for this program

Specify how clients interact with the distribution points to retrieve content from packages referred by the task sequence:

Deployment options:

Download content locally when needed by the running task sequence

Clients will always try to get content from the local distribution points. In addition, interaction with remote distribution points can be controlled:

When no local distribution point is available, use a remote distribution point.

When this content is not available on any preferred distribution points, you can allow the client to use a fallback source location for content.

Allow clients to use a fallback source location for content

Allow clients to share content with other clients on the same subnet

A network access account is required to access content from Windows PE.

< Previous Next > Summary Cancel

Properties

Search Add Criteria

Related Objects Deployments

Software Library

Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Package Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Assets and Compliance

Software Library

Monitoring

Administration

Ready

10:39 AM 9/1/2017

bj-sccm on btlhd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BT INHD HQ Site)

Home Folder

Create MDT Task Sequence Create Task Sequence Create Task Sequence M

Deploy Software Wizard

Summary

General Deployment Settings Scheduling User Experience Alerts Distribution Points Summary Progress Completion

Details:

General

- Software: Deploy Windows Server 2016 x64
- Collection: All Unknown Computers (Member Count: 2)
- Use default distribution point groups associated to this collection: Disabled
- Automatically distribute content for dependencies: Disabled

Deployment Settings

- Action: Install
- Purpose: Available
- Task sequence deployment option: Only media and PXE
- Allow clients to use a metered Internet connection to download content: Disabled

Scheduling

- Schedule when this deployment will become available: Disabled
- Schedule when this deployment will expire: Disabled
- Rerun behavior: Always rerun program

User Experience

- Allow users to run the program independently of assignments: Enabled
- Software installation: Disabled
- System restart (if required to complete the installation): Disabled
- Allow task sequence to run for client on the Internet: Disabled
- Commit changes at deadline or during a maintenance window (requires restarts): Enabled
- Show Task Sequence progress: Enabled

Alerts

To change these settings, click Previous. To apply the settings, click Next.

< Previous Next > Cancel

Properties

Search Add Criteria

Related Objects Deployments

Ready

10:39 AM 9/1/2017

Software Library

Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Package Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Assets and Compliance

Monitoring Administration

Summary References Deployments

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHOU HQ Site)

Home Folder

Create MDT Task Sequence Create Task Sequence Create Task Sequence N... Create

Software Library

- Overview
 - Application Management
 - Software Updates
 - Operating Systems
 - Drivers
 - Driver Packages
 - Operating System Images
 - Operating System Upgrade Package
 - Boot Images
 - Task Sequences
 - Virtual Hard Disks
 - Windows 10 Servicing
- Assets and Compliance
- Software Library
- Monitoring
- Administration

Deploy Software Wizard

Completion

General Deployment Settings Scheduling User Experience Alerts Distribution Points Summary Progress Completion

The Deploy Software Wizard completed successfully

Details:

- Success: General
 - Software: Deploy Windows Server 2016 x64
 - Collection: All Unknown Computers (Member Count: 2)
 - Use default distribution point groups associated to this collection: Disabled
 - Automatically distribute content for dependencies: Disabled
- Success: Deployment Settings
 - Action: Install
 - Purpose: Available
 - Task sequence deployment option: Only media and PXE
 - Allow clients to use a metered Internet connection to download content: Disabled
- Success: Scheduling
 - Schedule when this deployment will become available: Disabled
 - Schedule when this deployment will expire: Disabled
 - Rerun behavior: Always rerun program
- Success: User Experience
 - Allow users to run the program independently of assignments: Enabled
 - Software installation: Disabled
 - System restart (if required to complete the installation): Disabled
 - Allow task sequence to run for client on the Internet: Disabled

To exit the wizard, click Close.

Close

Summary References Deployments

Ready

10:39 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - B1 (NHD) HU Site)

Home Folder

Create Boot Image using MDT Add Boot Image Saved Searches Refresh Delete Create Prestaged Content File
Boot Images Create Search Distribute Content Update Distribution Points Manage Access Accounts
Boot Image Deployment Move Set Security Scopes Classify Properties

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Boot Images 3 items

Icon	Name	Version	Comment	Image ID	OS Version
Boot image (x64)	Boot image (x64)	10.0.14393.0		BTN00005	10.0.14393.0
Boot image (x86)	Boot image (x86)	10.0.14393.0	F5	BTN00004	10.0.14393.0
WinPE 10 x64	WinPE 10 x64		Delete	BTN00007	10.0.14393.0

Search Add Criteria

Boot image (x64)

Summary Content Status Related Objects

Assets and Compliance Success: 0
Software Library In Progress: 0
Monitoring Failed: 0
Administration Unknown: 0

Content Status

0 Targeted (Last Update: 6/24/2017 10:57 PM)

Ready

11:20 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BTHND HQ Site)

Home Folder

Create Boot Image using MDT Add Boot Image Saved Searches Refresh Create Prestaged Content File

Distribute Content Wizard

General

Software Library

- Overview
 - Application Management
 - Software Updates
- Operating Systems
 - Drivers
 - Driver Packages
 - Operating System Images
 - Operating System Upgrade Packages
 - Boot Images
 - Task Sequences
 - Virtual Hard Disks
- Windows 10 Servicing

Content Destination

Summary Progress Completion

Review selected content

You have selected the following content for distribution.

Content: Boot image (x64)

Some content might have associated dependencies that must be installed before the content can be installed.

Detect associated content dependencies and add them to this distribution

Next > Summary Cancel

Version

0.14393.0
0.14393.0
0.14393.0

Related Objects

Content Status

0 0 0

Ready

Summary Details

11:20 AM 9/1/2017

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Home Folder

Create Boot Image using MDT Add Boot Image Saved Searches Refresh Create Prestaged Content File

Distribute Content Wizard

Content Destination

Specify the content destination

Content will be distributed to the following distribution points, distribution point groups, and the distribution point groups that are currently associated with collections.

Content destination:

Name	Description	Associations
There are no items to show in this view.		

Add

Filter...

General Content Destination

Summary Progress Completion

Software Library

- Overview
 - Application Management
 - Software Updates
 - Operating Systems
 - Drivers
 - Driver Packages
 - Operating System Images
 - Operating System Upgrade Packages
 - Boot Images
 - Task Sequences
 - Virtual Hard Disks
 - Windows 10 Servicing
- Assets and Compliance
- Software Library
- Monitoring
- Administration

Ready

Summary Details

11:20 AM 9/1/2017

Version

0.14393.0
0.14393.0
0.14393.0

Related Objects

Content Status

0 0 0

bj-sccm on bthnd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BINHD HQ Site)

Home Folder

Create Boot Image using MDT Add Boot Image Saved Searches Refresh Create Prestaged Content File

Distribute Content Wizard

Content Destination

General Content Destination Summary Progress Completion

Specify the content destination

Content will be distributed to the following distribution points, distribution point groups, and the distribution point groups that are currently associated with collections.

Content destination:

Add

Name	Description	Associations
There are no items to show in this view.		

Collections Distribution Point Distribution Point Group

Related Objects

Content Status

0 0 0

< Previous Next > Summary Cancel

Ready

11:20 AM 9/1/2017

Software Library

- Overview
 - Application Management
 - Software Updates
 - Operating Systems
 - Drivers
 - Driver Packages
 - Operating System Images
 - Operating System Upgrade Packages
 - Boot Images
 - Task Sequences
 - Virtual Hard Disks
 - Windows 10 Servicing
- Assets and Compliance
- Software Library
- Monitoring
- Administration

Summary Details

bj-sccm on btnhd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BTNHQ HQ Site)

Home Folder Refresh Create Prestaged Content File Distribute Content Wizard

Create Boot Image using MDT Add Boot Image Saved Searches Search

Content Destination

Add Distribution Points

Select distribution points that will host this content.

Software Update Packages are never distributed to Cloud Distribution Points.

Available distribution points:

Name	Type	Description
<input type="checkbox"/> BJ-SCCM.BTNHD.EDU	On-premises	
<input type="checkbox"/> MANAGE.MICROSOFT.COM	Cloud	

OK Cancel

Summary Details

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Assets and Compliance

Monitoring Administration

Content Status

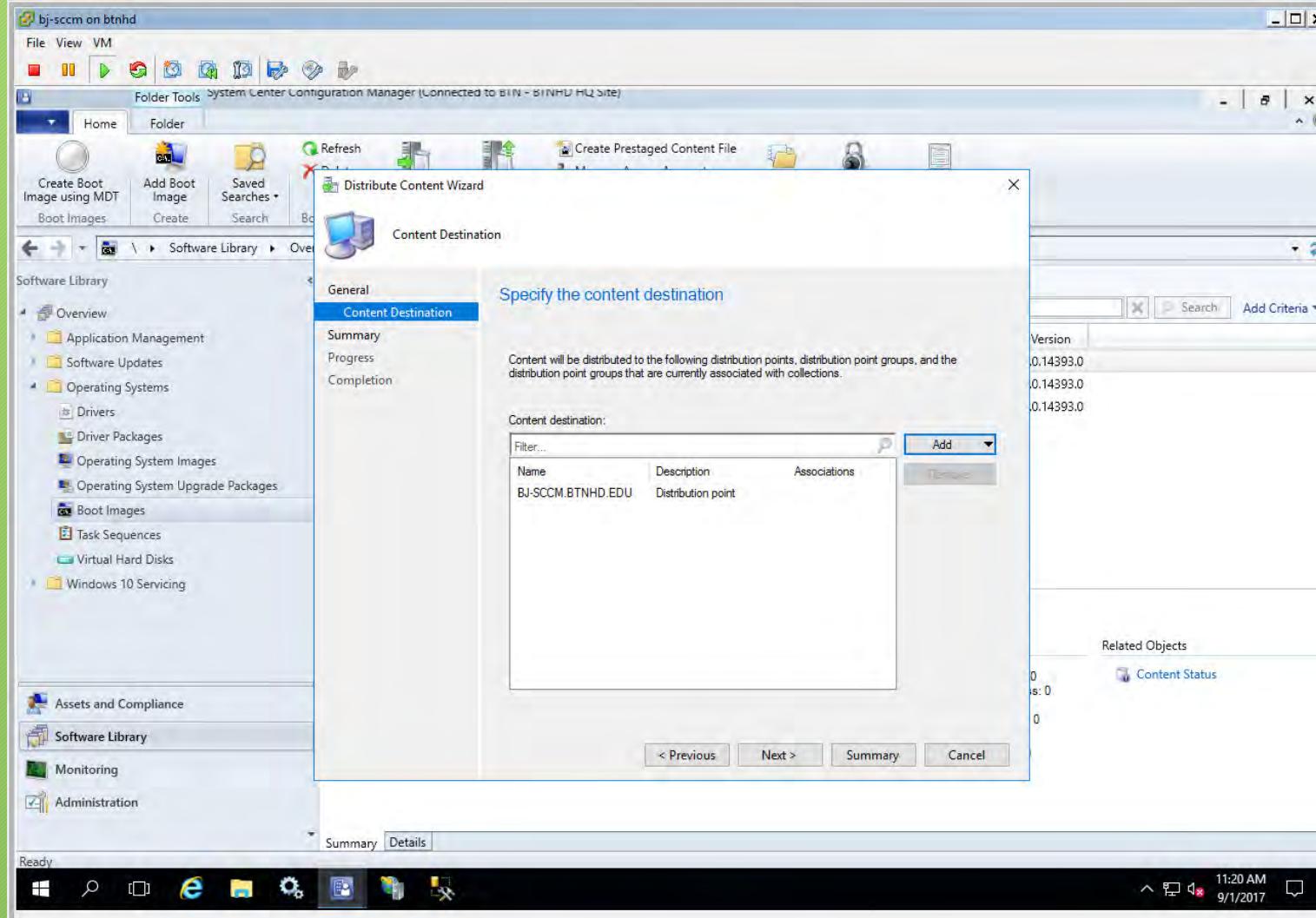
Version 0.14393.0 0.14393.0 0.14393.0

Related Objects

Content Status

Ready

11:20 AM 9/1/2017



bj-sccm on bnnhd

File View VM

Folder Tools System Center Configuration Manager (Connected to BIN - BTNHD HQ Site)

Home Folder

Create Boot Image using MDT Add Boot Image Saved Searches Refresh Create Prestaged Content File

Distribute Content Wizard

Summary

General Content Destination

Summary Progress Completion

Software Library

Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Content (1):
• Boot image (x64)
Collections (0):
Distribution point groups (0):
Distribution points (1):
• BJ-SCCM.BTNHD.EDU

To change these settings, click Previous. To apply the settings, click Next.

< Previous Next > Summary Cancel

Version
0.14393.0
0.14393.0
0.14393.0

Related Objects

Content Status

Assets and Compliance

Software Library

Monitoring

Administration

Ready

11:21 AM 9/1/2017

bj-sccm on btnhd

File View VM

Folder Tools System Center Configuration Manager (Connected to BN - BNHD HQ Site)

Home Folder

Create Boot Image using MDT Add Boot Image Saved Searches Refresh Create Prestaged Content File

Distribute Content Wizard

Completion

Software Library

- Overview
- Application Management
- Software Updates
- Operating Systems
 - Drivers
 - Driver Packages
 - Operating System Images
 - Operating System Upgrade Packages
 - Boot Images
 - Task Sequences
 - Virtual Hard Disks
- Windows 10 Servicing

Assets and Compliance

Software Library

Monitoring

Administration

The Distribute Content Wizard completed successfully

General Content Destination Summary Progress Completion

Details:

- Content (1):
 - Boot image (x64)
- Collections (0):
- Distribution point groups (0):
- Distribution points (1):
 - BJ-SCCM.BTNHD.EDU

To exit the wizard, click Close.

Close

Related Objects

Content Status

Version

- 0.14393.0
- 0.14393.0
- 0.14393.0

Ready

11:21 AM 9/1/2017

bj-sccm on btnhd

File View VM

Folder Tools System Center Configuration Manager (Connected to B1N - B1NHD HU Site)

Home Folder

Create Boot Image using MDT Add Boot Image Saved Searches Refresh Delete Create Prestaged Content File
Boot Images Create Search Distribute Content Update Distribution Points Manage Access Accounts Move Set Security Scopes Properties

Move Classify Properties

Software Library Overview Application Management Software Updates Operating Systems Drivers Driver Packages Operating System Images Operating System Upgrade Packages Boot Images Task Sequences Virtual Hard Disks Windows 10 Servicing

Search Add Criteria

Boot Images 3 items

Icon	Name	Version	Comment	Image ID	OS Version
av	Boot image (x64)	10.0.14393.0		BTN00005	10.0.14393.0
av	Boot image (x86)	10.0.14393.0		BTN00004	10.0.14393.0
av	WinPE 10 x64	v1703		BTN00007	10.0.14393.0

Boot image (x64)

Summary

Comment: Architecture: X64 Version: 10.0.14393.0 Language: English (United States)

Content Status

Success: 1 In Progress: 0 Failed: 0 Unknown: 0

1 Targeted (Last Update: 9/1/2017 11:21 AM)

Related Objects Content Status

Assets and Compliance Software Library Monitoring Administration

Ready

11:23 AM 9/1/2017