

Slide 1

Configuring Ghost 3.0 HF4 for Imaging using an Automation Folder

Step 1. Create a Preboot environment (WinPE 5.1)

- a) Checking for MS ADK 8.1 Installation
- b) Building the WinPE 5.1 Pre-boot environment
- c) Creating a Configuration
- d) Map a share folder for storing images

Step 2. Creating an Automation Folder

- a) Create the Folder Automation package Installer
- b) Distribute package Installer

Slide 2

Configuring Ghost 3.0 HF4 for Imaging using an Automation Folder
Step 1. Create a Preboot environment (WinPE 5.1)
a) Checking for MS ADK 8.1 Installation

If Windows ADK 8.1 is not installed here C:\Program Files (x86)\Windows Kits\8.1 or under the Programs and features, in the Control Panel, Download ADK 8.1 from here <http://www.microsoft.com/en-us/download/details.aspx?id=39982>
Click on Download, and Run the adksetup.exe application

Slide 3

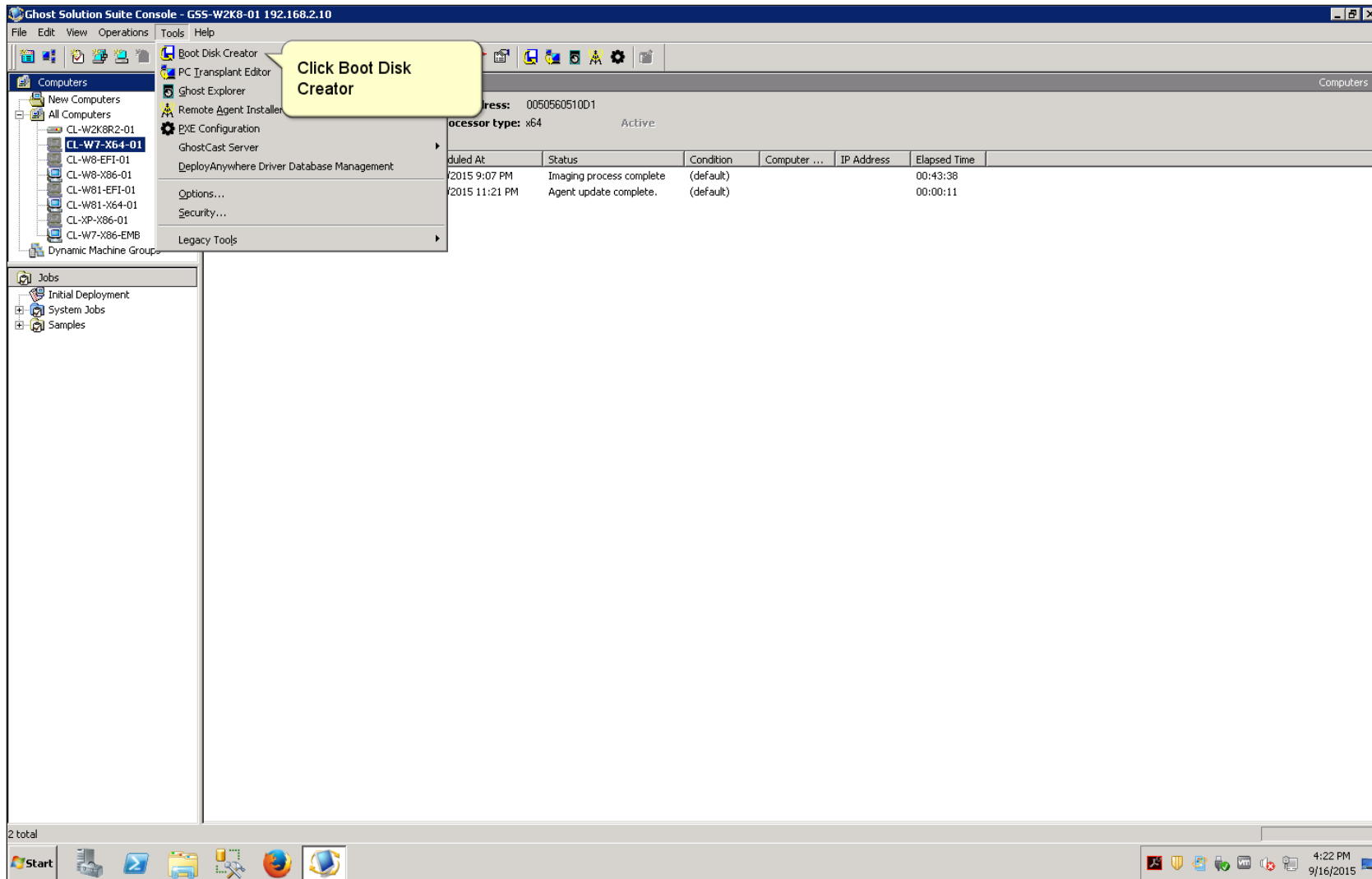
The screenshot shows the Ghost Solution Suite Console interface. The title bar reads 'Ghost Solution Suite Console - GSS-W2K8-01 192.168.2.10'. The menu bar includes 'File', 'Edit', 'View', 'Operations', 'Tools', and 'Help'. The left sidebar has two main sections: 'Computers' and 'Jobs'. Under 'Computers', there is a tree view with 'New Computers' and 'All Computers'. Under 'All Computers', several computer names are listed, including 'CL-W2K8R2-01', 'CL-W7-X64-01' (which is selected), 'CL-W8-EFI-01', 'CL-W8-X86-01', 'CL-W81-EFI-01', 'CL-W81-X64-01', 'CL-XP-X86-01', and 'CL-W7-X86-EMB'. Below this is 'Dynamic Machine Groups'. Under 'Jobs', there are 'Initial Deployment', 'System Jobs', and 'Samples'. The main pane shows a 'Status: Received Inventory...' message and a table of jobs. A yellow callout bubble points to the 'Tools' menu with the text 'Click Tools from the main menu'. A green callout bubble contains the text 'Configuring Ghost 3.0 HF4 for imaging using an Automation Folder' and 'Step 1. Create a Preboot environment (WinPE 5.1) b) Building the WinPE 5.1 Pre-boot environment'. The Windows taskbar at the bottom shows the Start button, several application icons, and the system clock displaying '4:22 PM 9/16/2015'.

Click Tools from the main menu

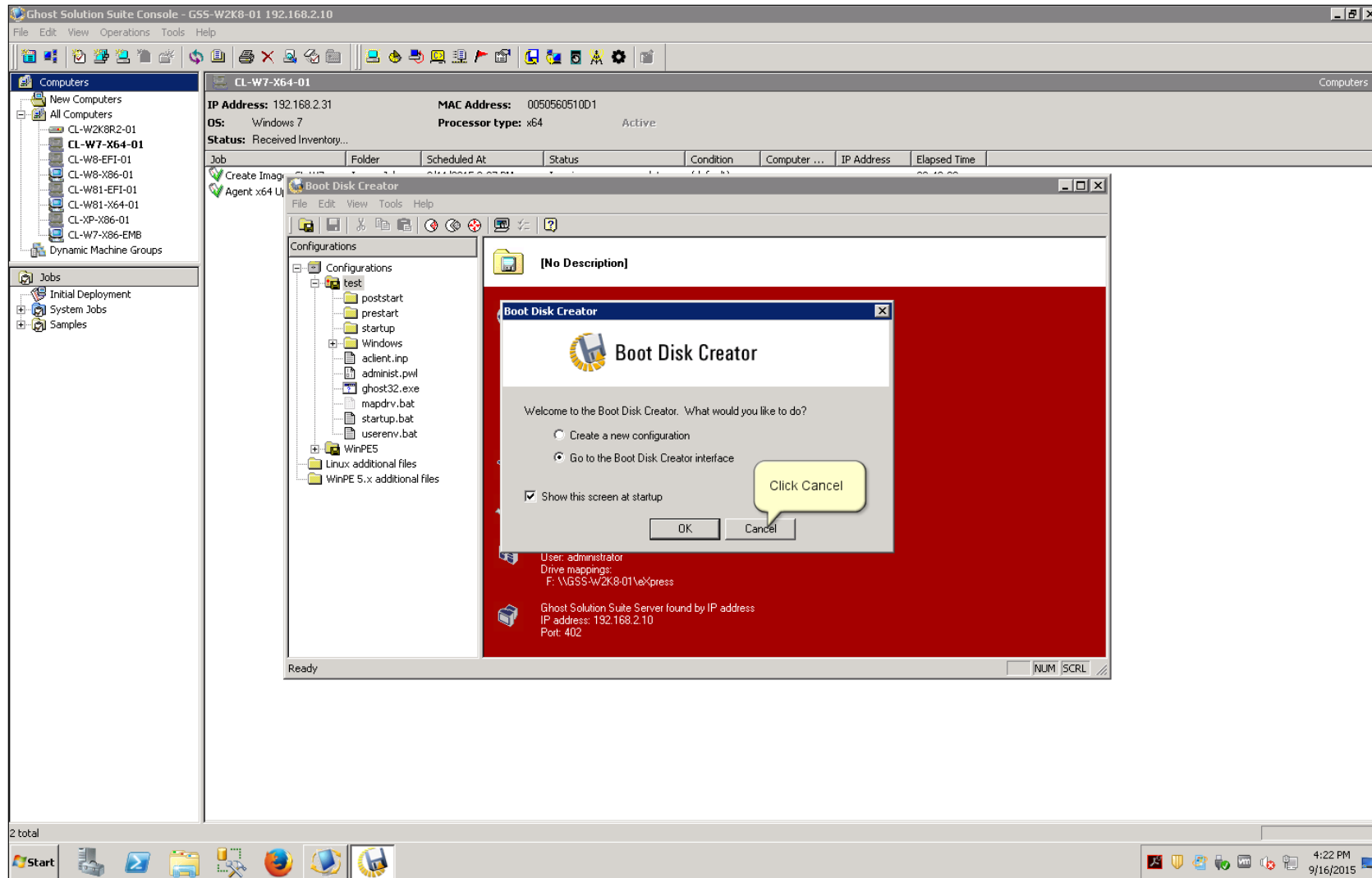
Configuring Ghost 3.0 HF4 for imaging using an Automation Folder
Step 1. Create a Preboot environment (WinPE 5.1)
b) Building the WinPE 5.1 Pre-boot environment

Job	Folder	Scheduled At	Status	Condition	Computer ...	IP Address	Elapsed Time
Create Image: CL-W7-...	Image Jobs	8/11/2015 9:07 PM	Imaging process complete	(default)			00:43:38
Agent x64 Update	Agent Upd...	8/11/2015 11:21 PM	Agent update complete.	(default)			00:00:11

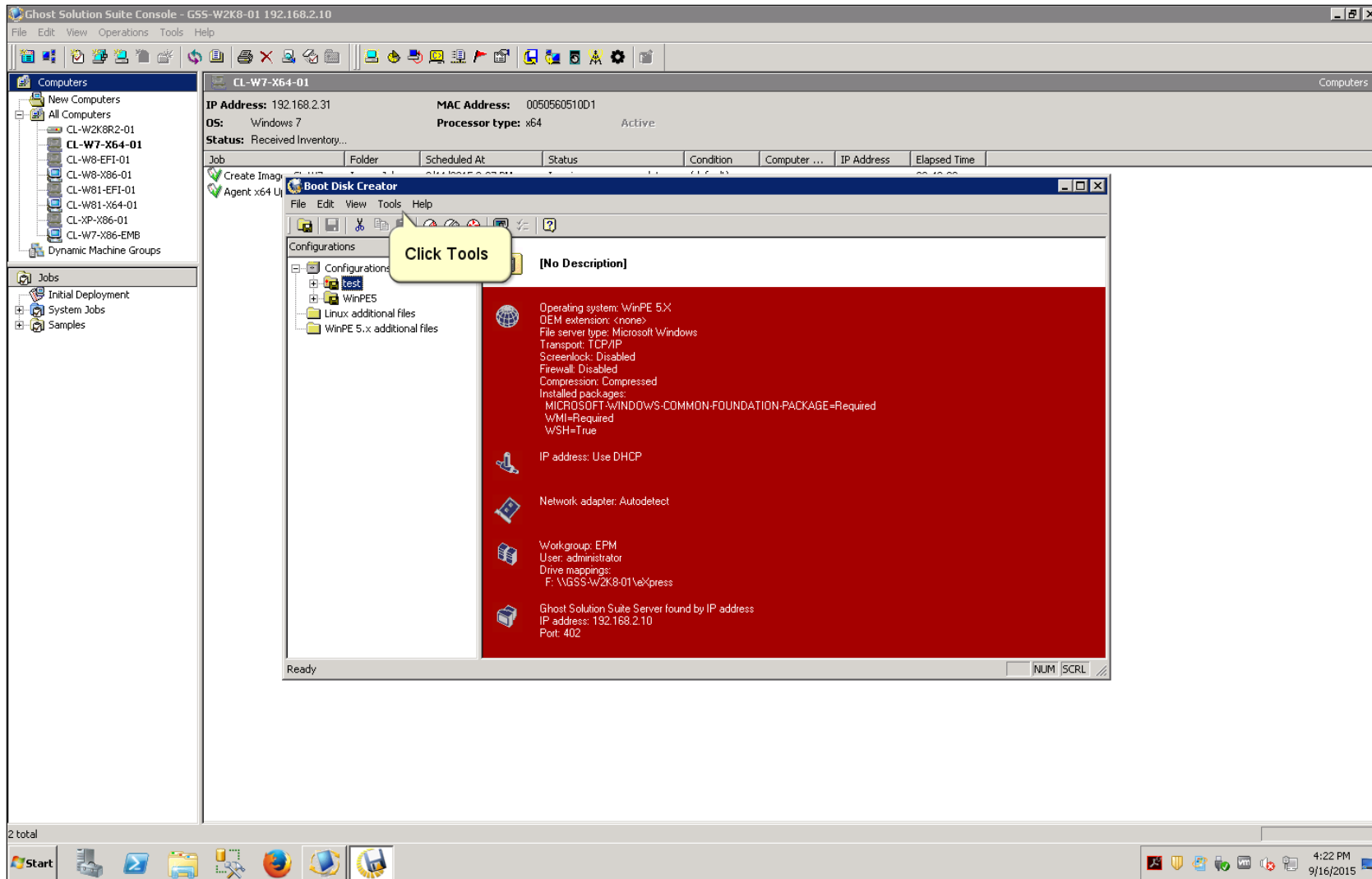
Slide 4



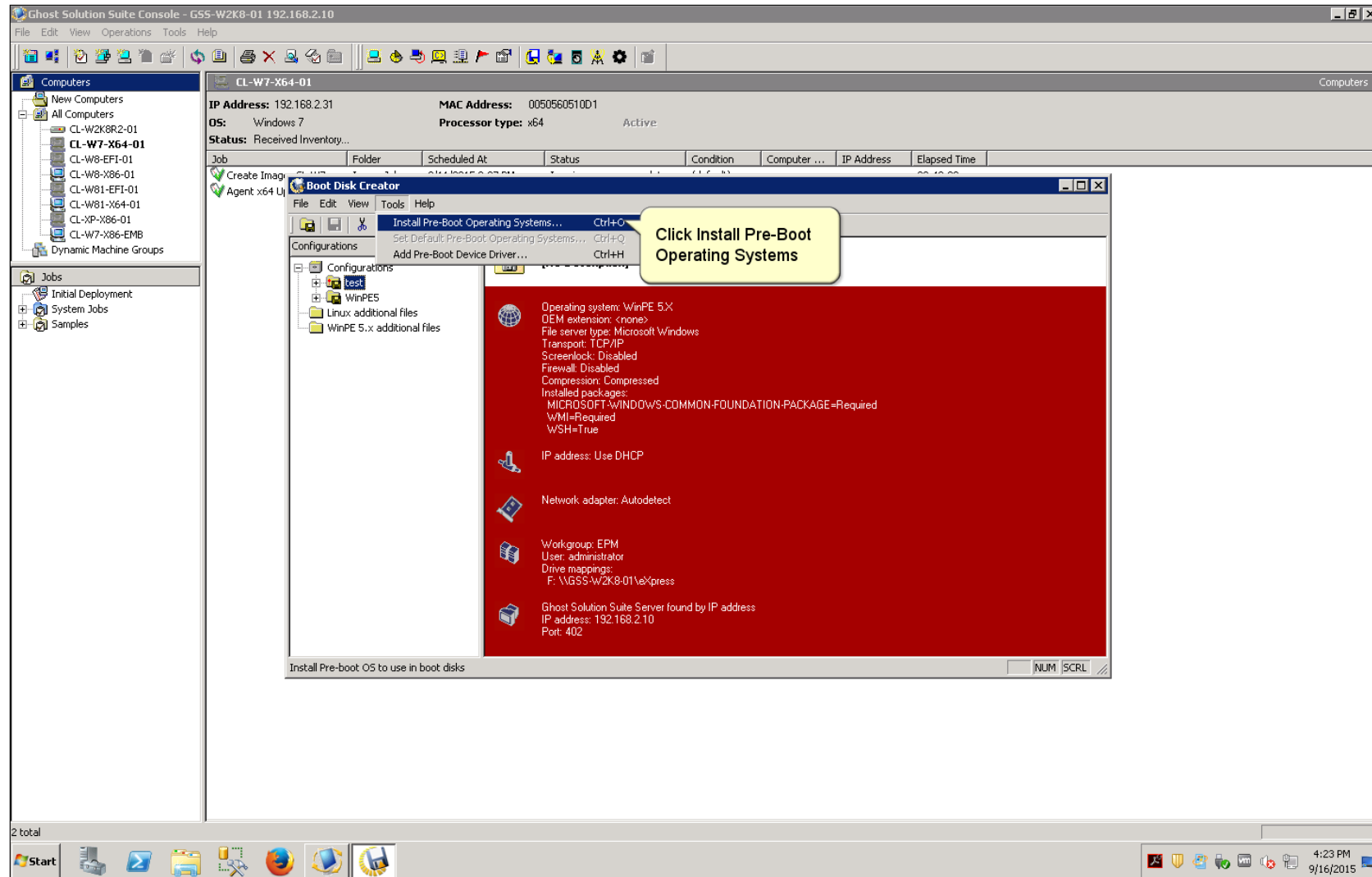
Slide 5



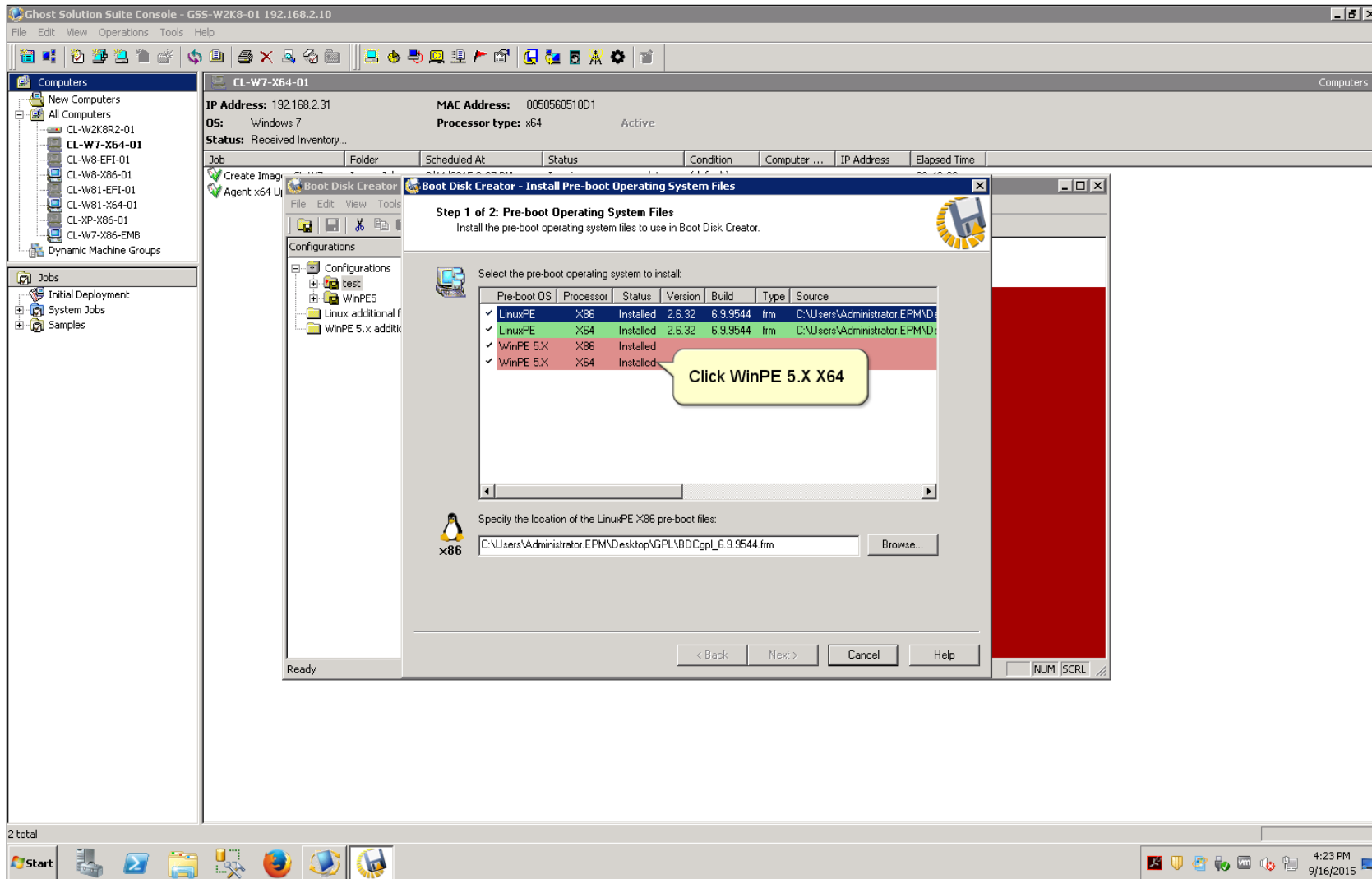
Slide 6



Slide 7



Slide 8



Slide 9

Ghost Solution Suite Console - GSS-W2K8-01 192.168.2.10

File Edit View Operations Tools Help

Computers

CL-W7-X64-01

IP Address: 192.168.2.31 MAC Address: 0050560510D1

OS: Windows 7 Processor type: x64 Active

Status: Received Inventory...

Job Folder Scheduled At Status Condition Computer ... IP Address Elapsed Time

Create Image Agent x64

Boot Disk Creator - Install Pre-boot Operating System Files

Step 1 of 2: Pre-boot Operating System Files

Install the pre-boot operating system files to use in Boot Disk Creator.

Select the pre-boot operating system to install:

Pre-boot OS	Processor	Status	Version	Build	Type	Source
LinuxPE	X86	Installed	2.6.32	6.9.9544	firm	C:\Users\Administrator\EPMD\...
LinuxPE	X64	Installed	2.6.32	6.9.9544	firm	C:\Users\Administrator\EPMD\...
WinPE 5X	X86	Installed				
WinPE 5X	X64	Installed				

Specify the location of the WinPE 5X X64 pre-boot files:

x64

ADK Setup: adk.setup Browse...

Pre-installed ADK: C:\Program Files (x86)\Windows Kits Browse...

Click Pre-Installed ADK

Ready

< Back Next > Cancel Help

2 total

Start

4:23 PM 9/16/2015

Slide 10

Ghost Solution Suite Console - GSS-W2K8-01 192.168.2.10

File Edit View Operations Tools Help

Computers

- New Computers
- All Computers
 - CL-W2K8R2-01
 - CL-W7-X64-01
 - CL-W8-EFI-01
 - CL-W8-X86-01
 - CL-W81-EFI-01
 - CL-W81-X64-01
 - CL-WP-X86-01
 - CL-W7-X86-EMB
- Dynamic Machine Groups

Jobs

- Initial Deployment
- System Jobs
- Samples

CL-W7-X64-01

IP Address: 192.168.2.31 MAC Address: 0050560510D1

OS: Windows 7 Processor type: x64 Active

Status: Received Inventory...

Job Folder Scheduled At Status Condition Computer ... IP Address Elapsed Time

Create Image Agent x64 U

Boot Disk Creator - Install Pre-boot Operating System Files

Step 1 of 2: Pre-boot Operating System Files

Install the pre-boot operating system files to use in Boot Disk Creator.

Select the pre-boot operating system to install:

Pre-boot OS	Processor	Status	Version	Build	Type	Source
✓ LinuxPE	x86	Installed	2.6.32	6.9.9544	frm	C:\Users\Administrator.EPM\Documents
✓ LinuxPE	x64	Installed	2.6.32	6.9.9544	frm	C:\Users\Administrator.EPM\Documents
✓ WinPE 5.X	x86	Installed				
✓ WinPE 5.X	x64	Installed				

Specify the location of the WinPE 5.X pre-boot files:

x64

ADK Setup: Browse...

Pre-installed ADK: Browse...

Click Browse

< Back Next > Cancel Help

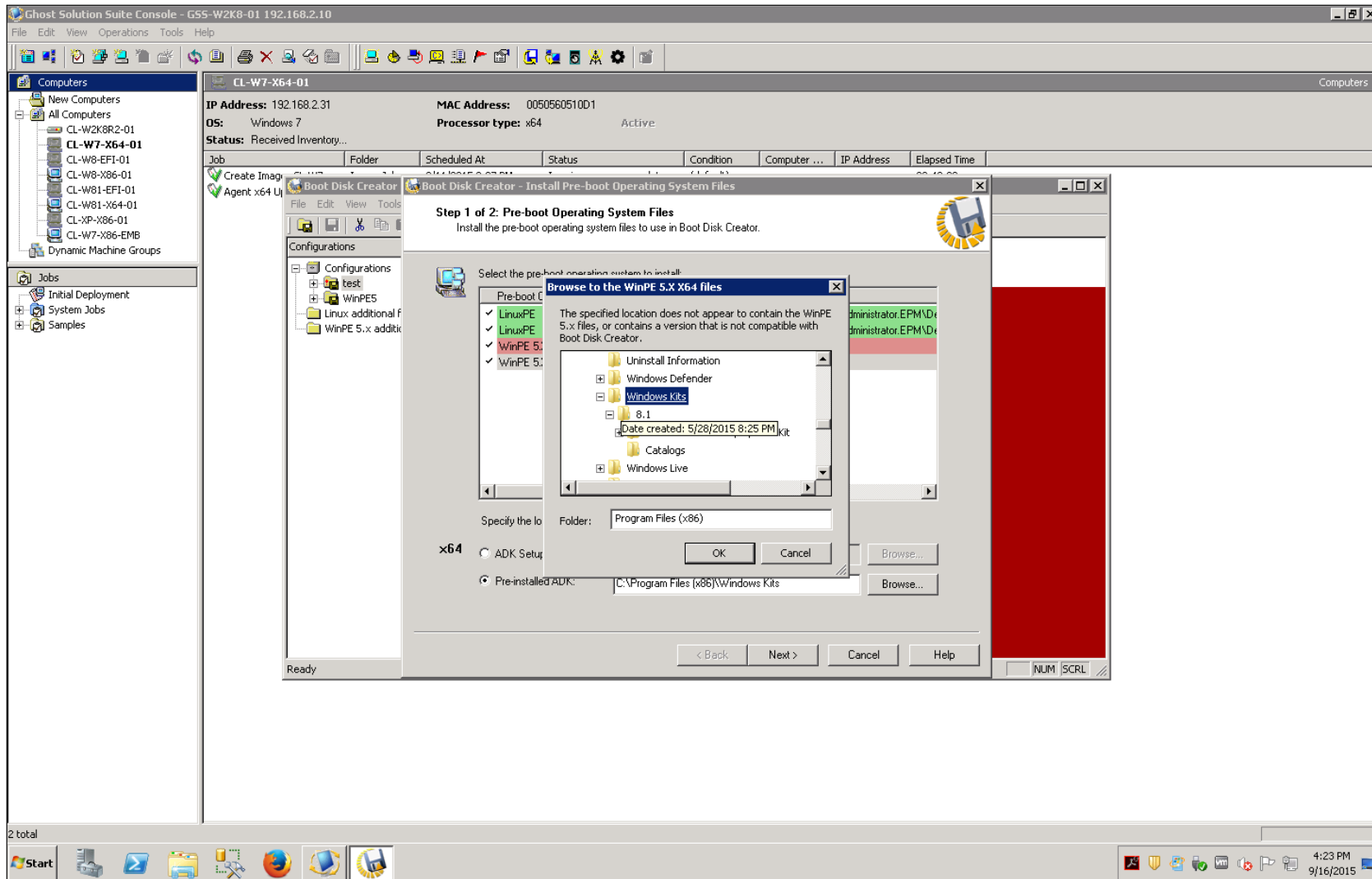
Ready

2 total

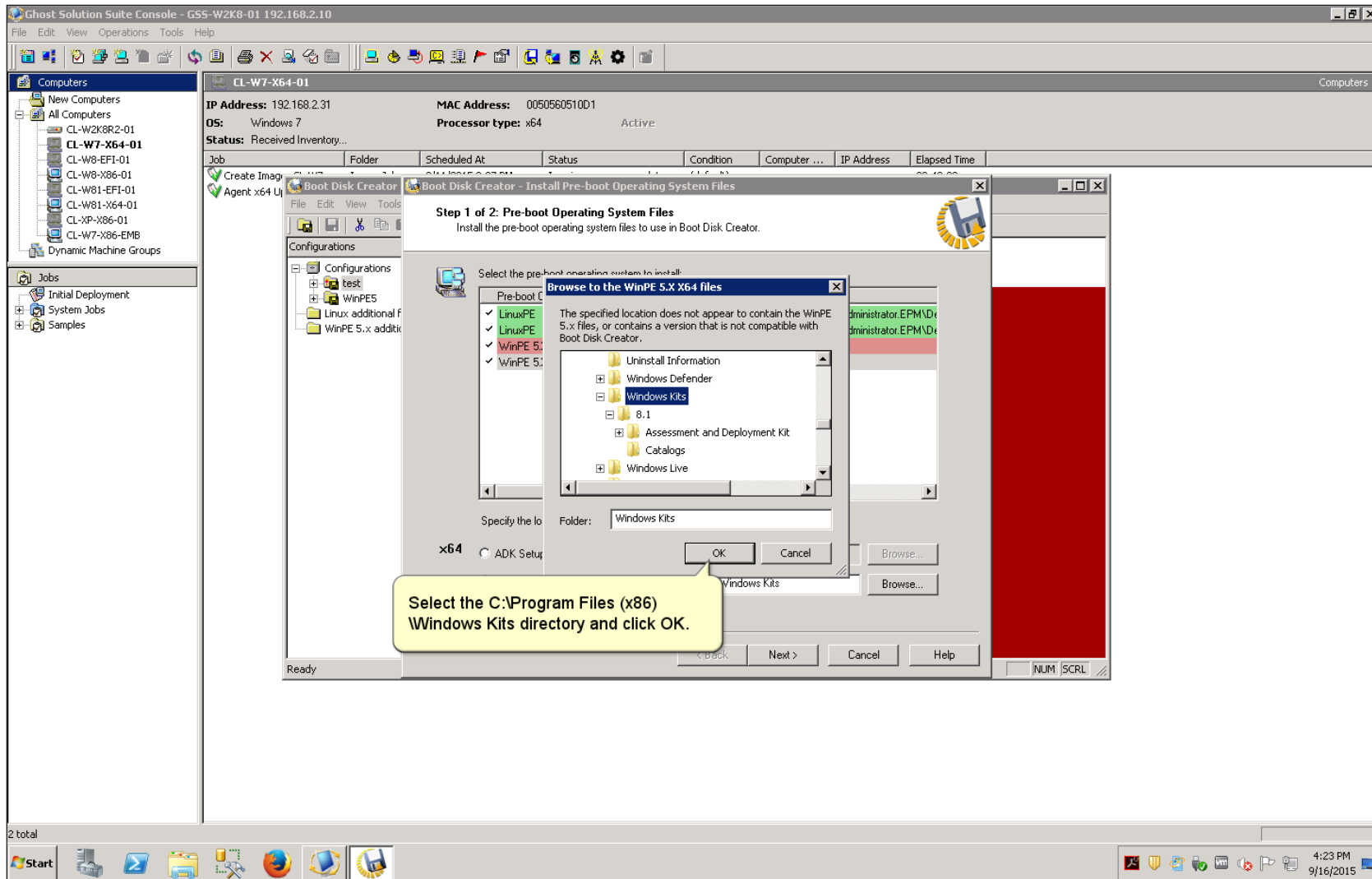
Start

4:23 PM 9/16/2015

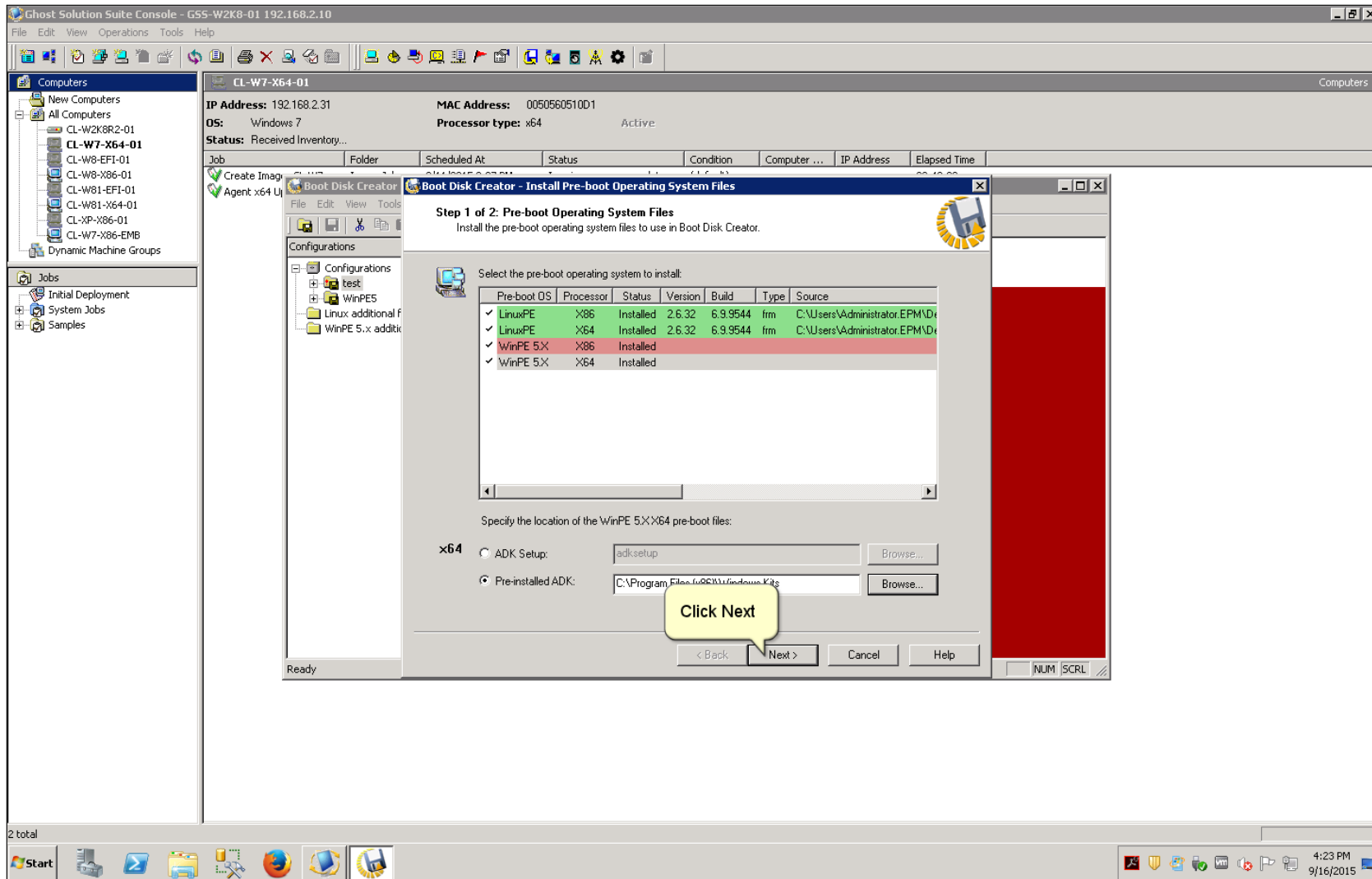
Slide 11



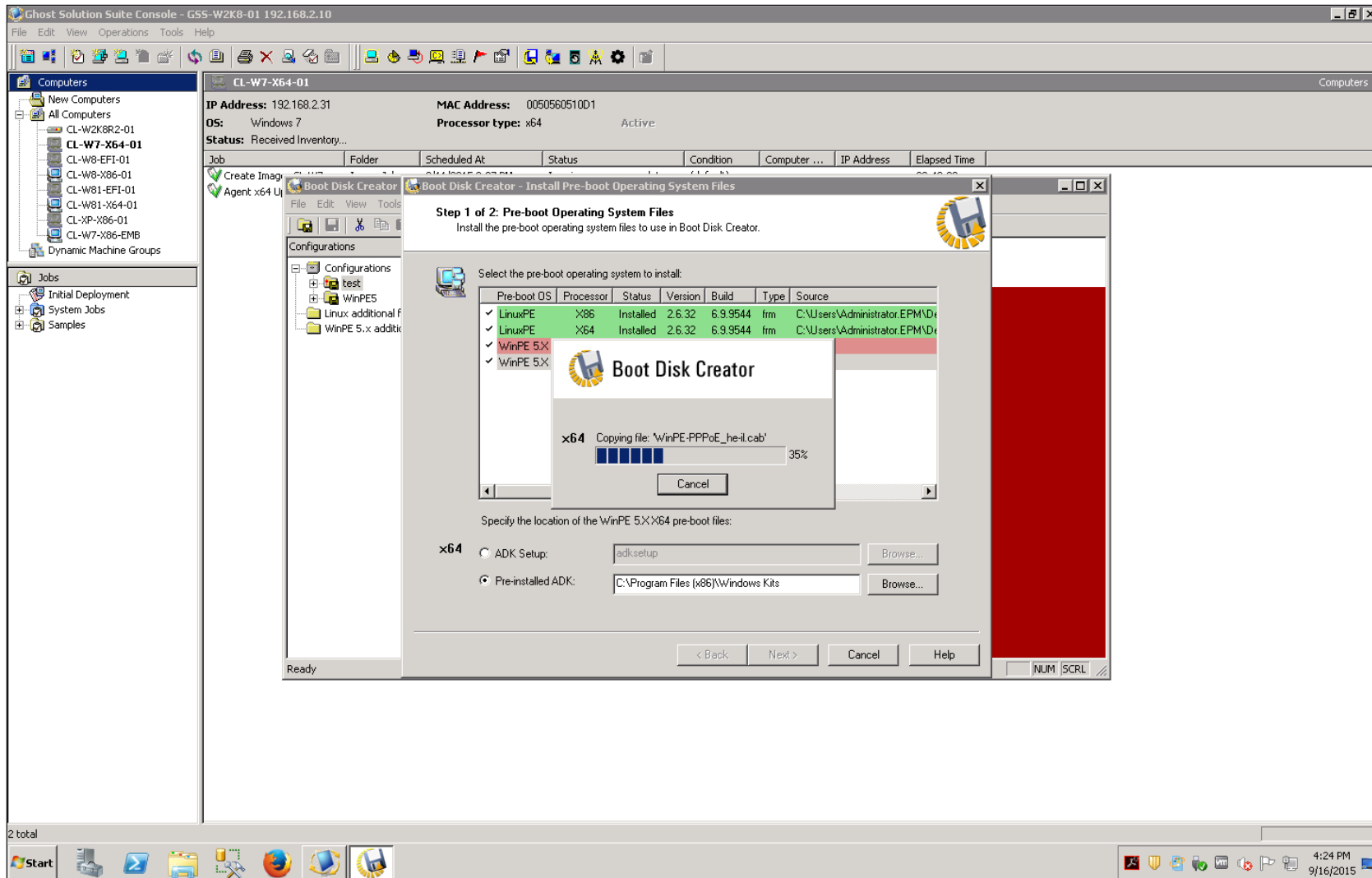
Slide 12



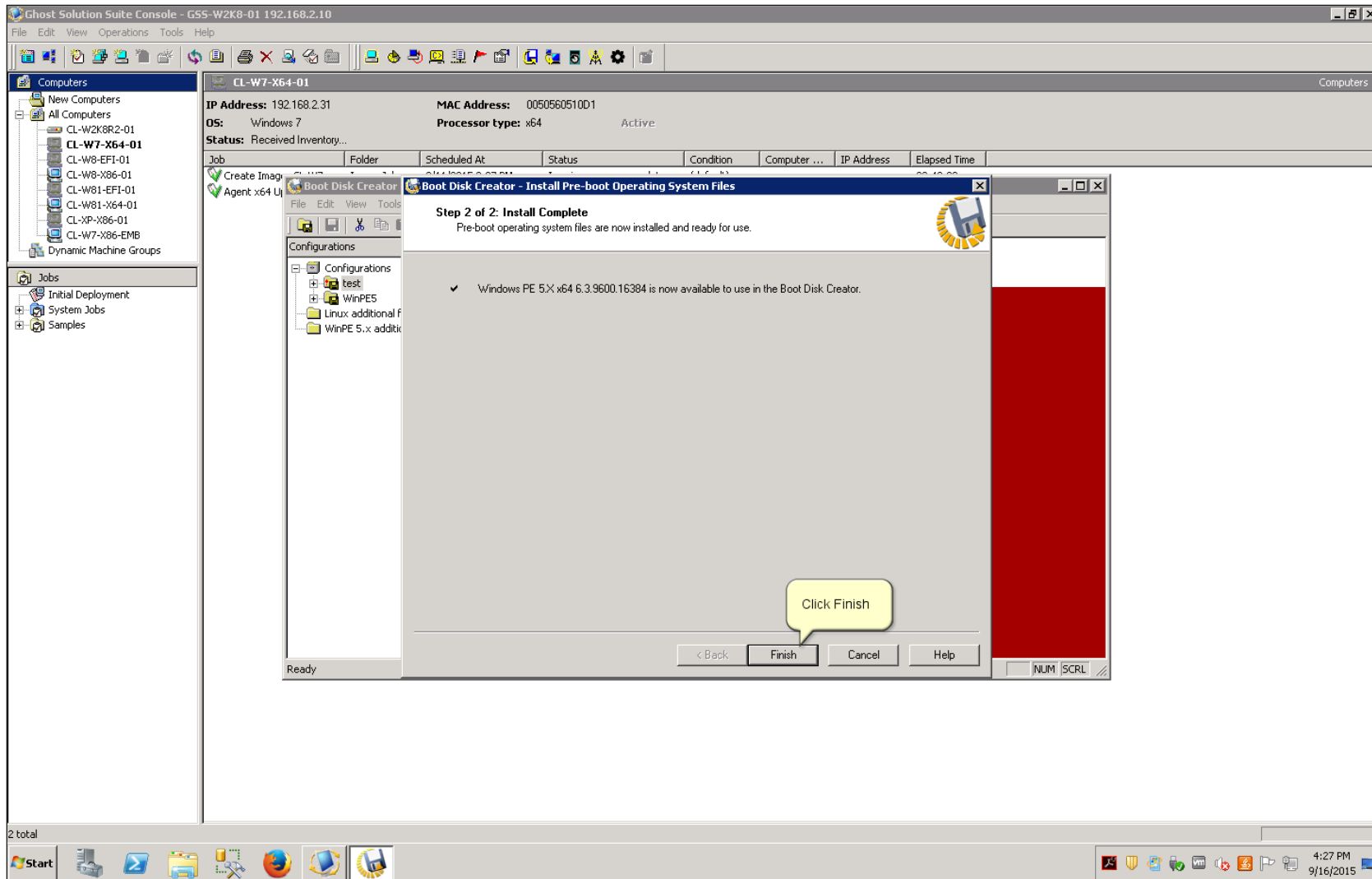
Slide 13



Slide 14



Slide 15



Slide 16

The screenshot displays the Ghost Solution Suite Console interface. On the left, the 'Computers' tree shows a list of machines, including 'CL-W7-X64-01'. The main pane shows details for this machine, including its IP address (192.168.2.31) and OS (Windows 7). A green callout box highlights the task: 'Configuring Ghost 3.0 HF4 for imaging using an Automation Folder' and 'Step 1. Create a Preboot environment (WinPE 5.1) c) Creating a Configuration'.

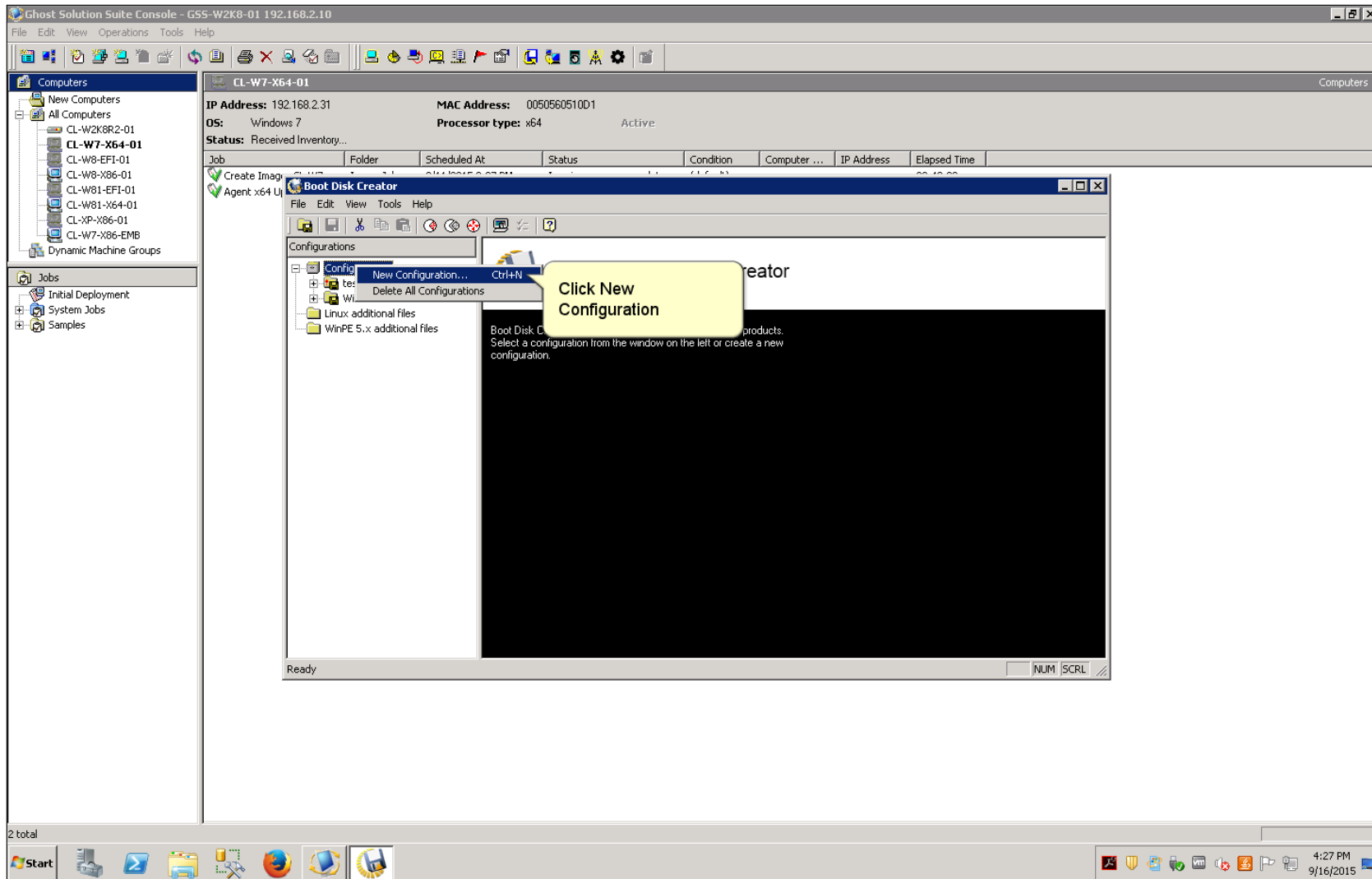
In the foreground, the 'Boot Disk Creator' window is open, showing a list of configurations. A yellow callout box points to the 'Configurations' list with the text 'Right Click on Configurations'. The configuration details for 'WinPE 5.x' are visible, including settings for transport, screenlock, firewall, compression, installed packages, and network settings.

The configuration details for 'WinPE 5.x' are as follows:

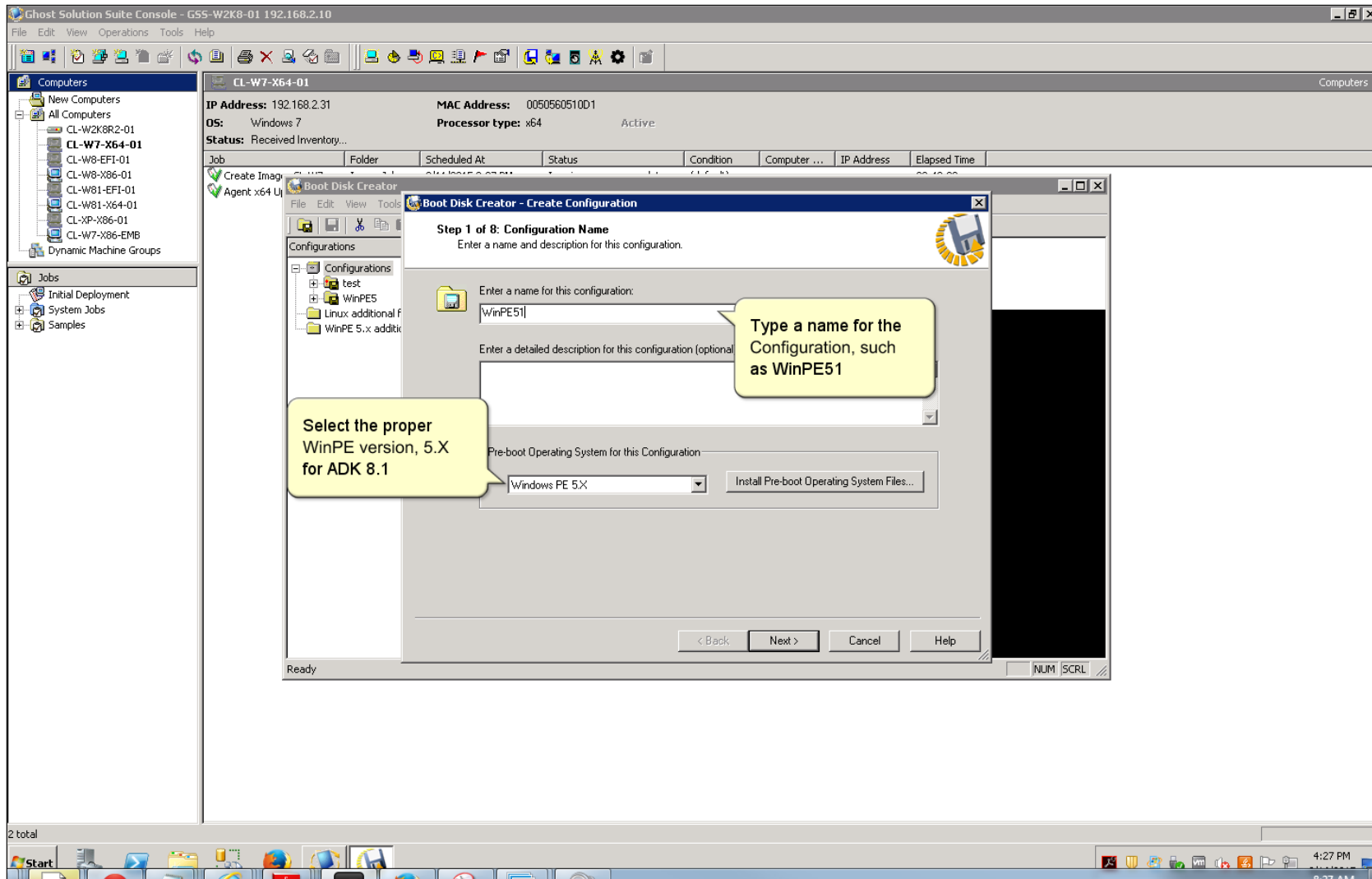
- File server type: Microsoft Windows
- Transport: TFTP
- Screenlock: Disabled
- Firewall: Disabled
- Compression: Compressed
- Installed packages: MICROSOFT-WINDOWS-COMMON-FOUNDATION-PACKAGE=Required, WMI=Required, WSH=True
- IP address: Use DHCP
- Network adapter: Autodetect
- Workgroup: EPM
- User: administrator
- Drive mappings: F: \\GSS-W2K8-01\express
- Ghost Solution Suite Server found by IP address
- IP address: 192.168.2.10
- Port: 402

The bottom of the screen shows the Windows taskbar with the Start button and several application icons. The system clock indicates the time is 4:27 PM on 9/16/2015.

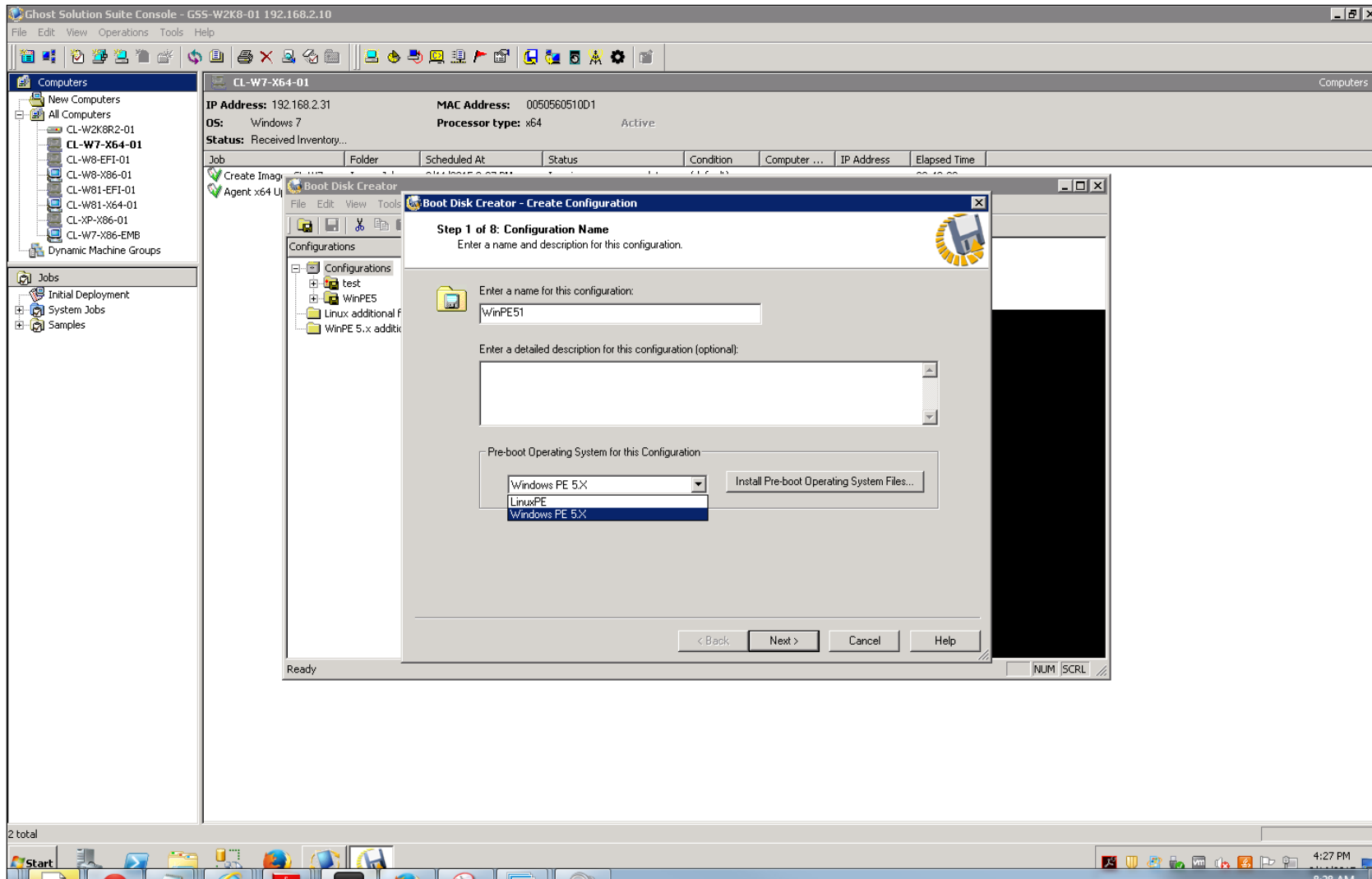
Slide 17



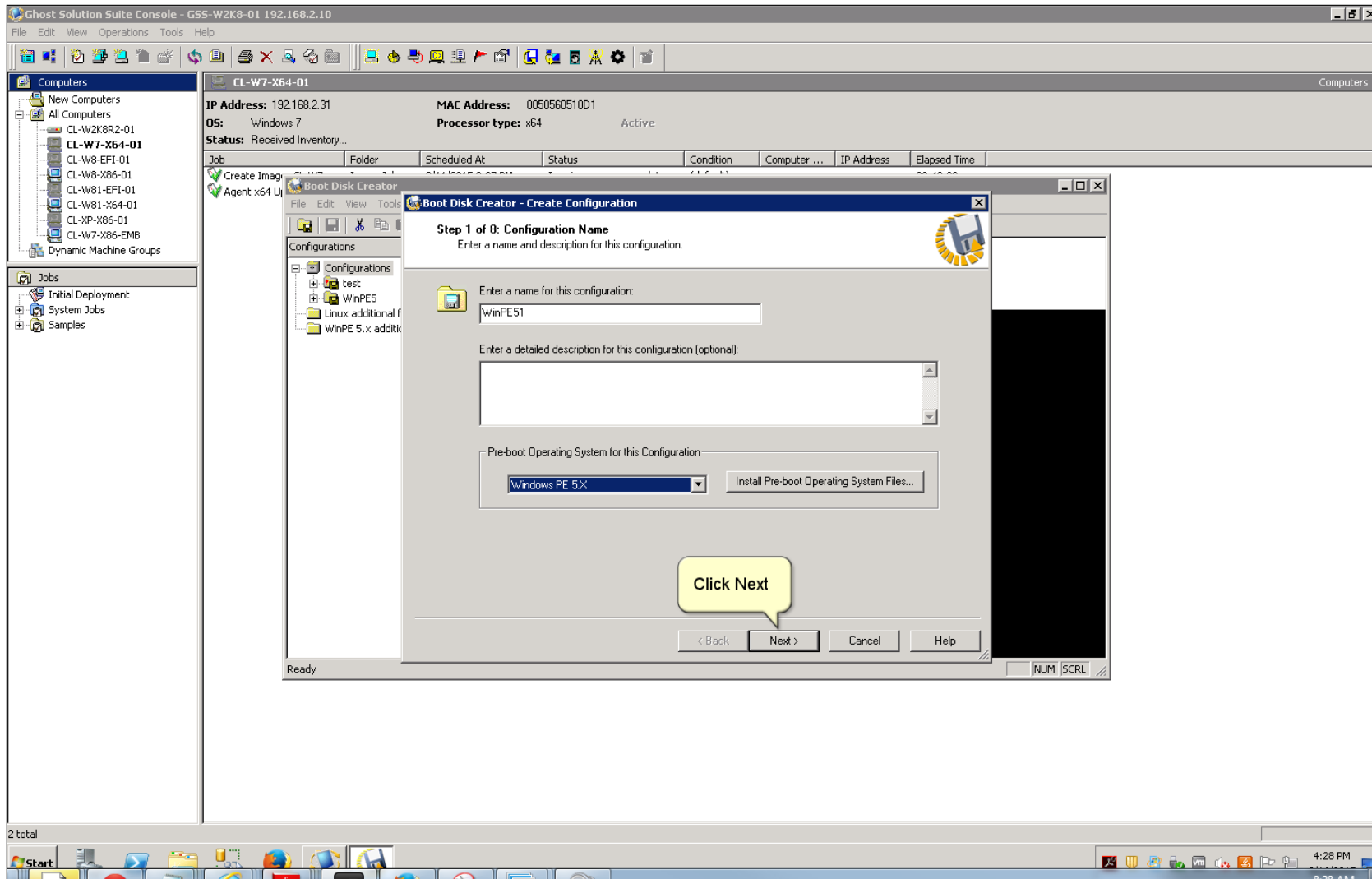
Slide 18



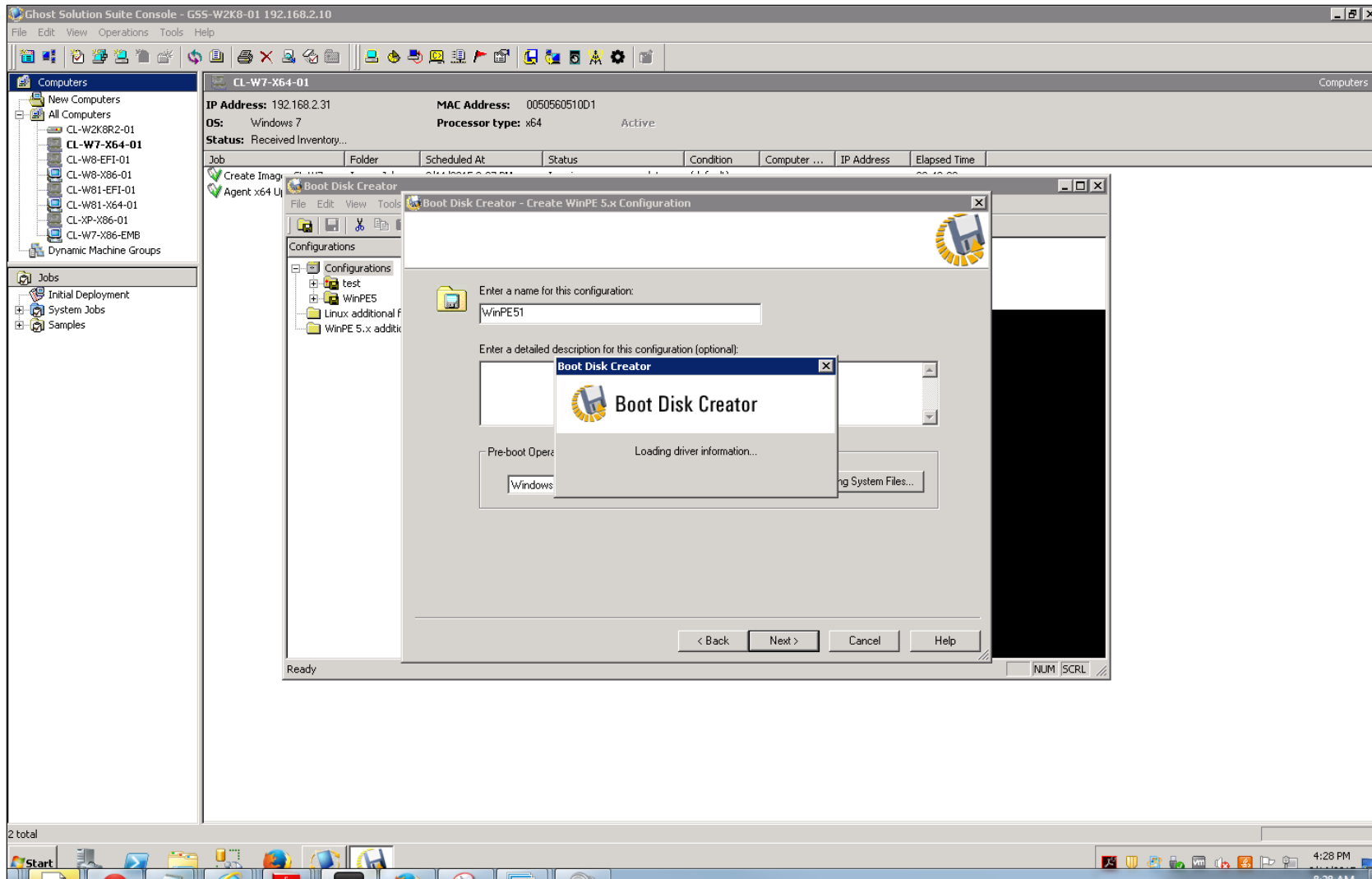
Slide 19



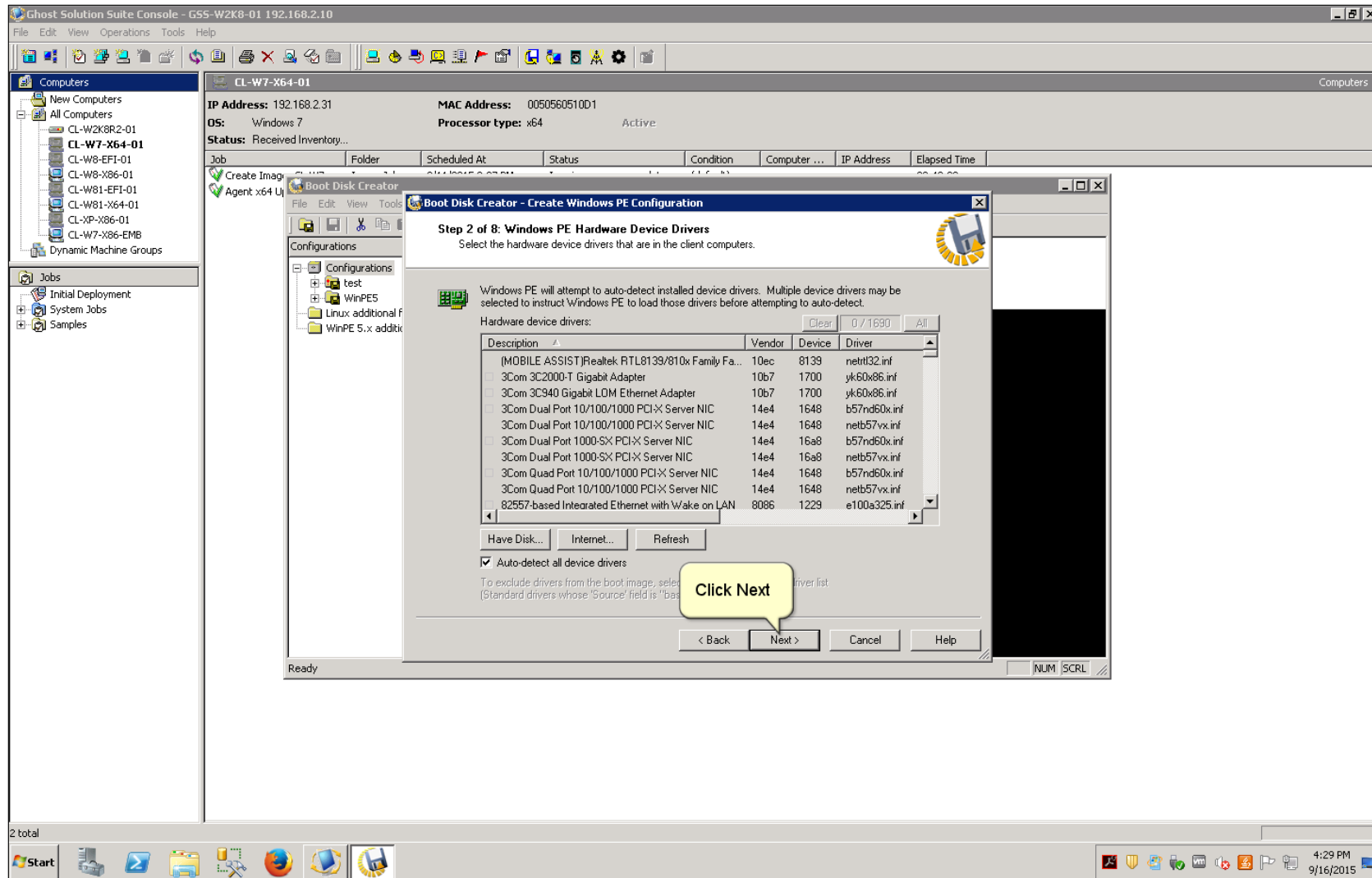
Slide 20



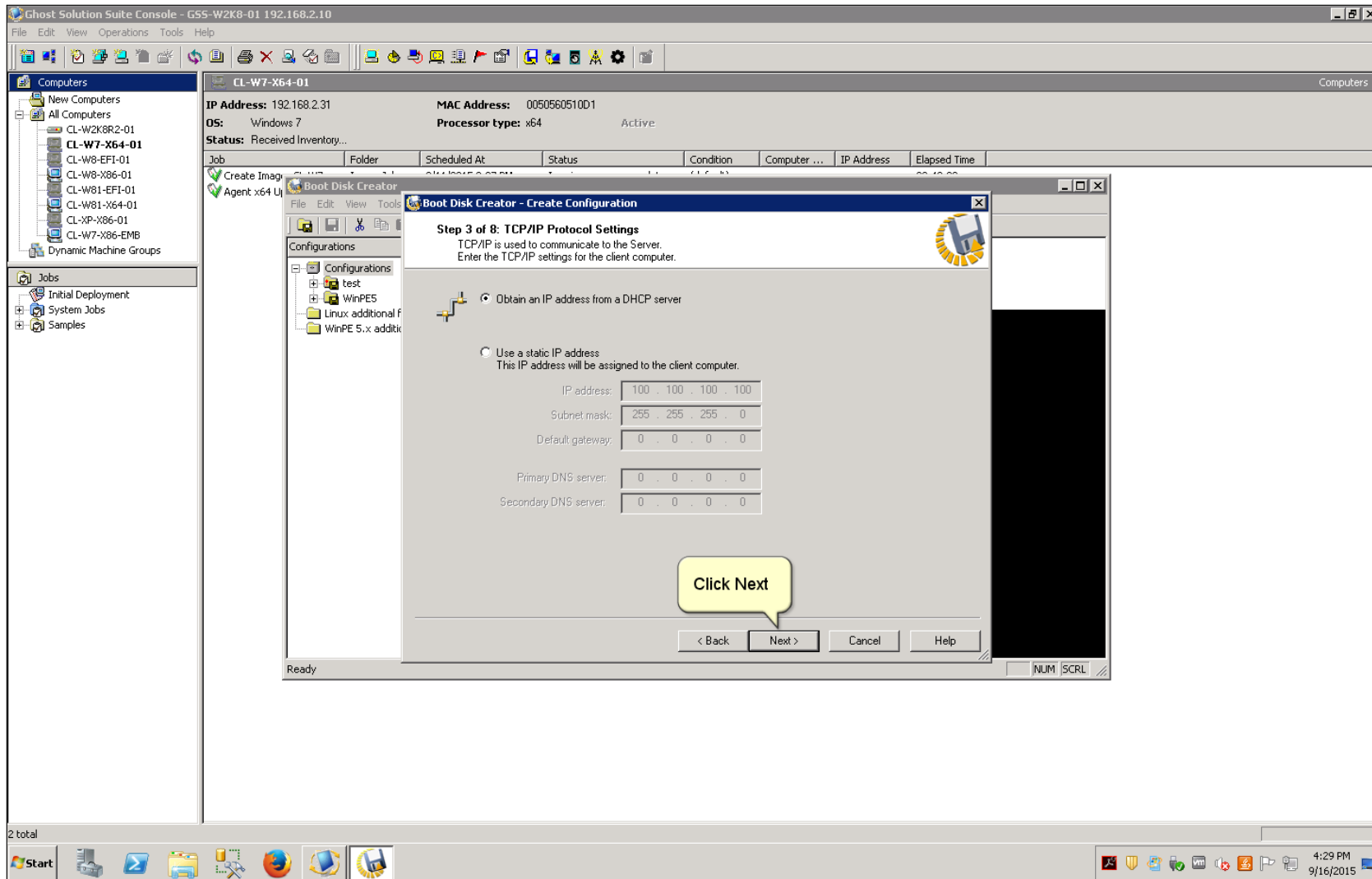
Slide 21



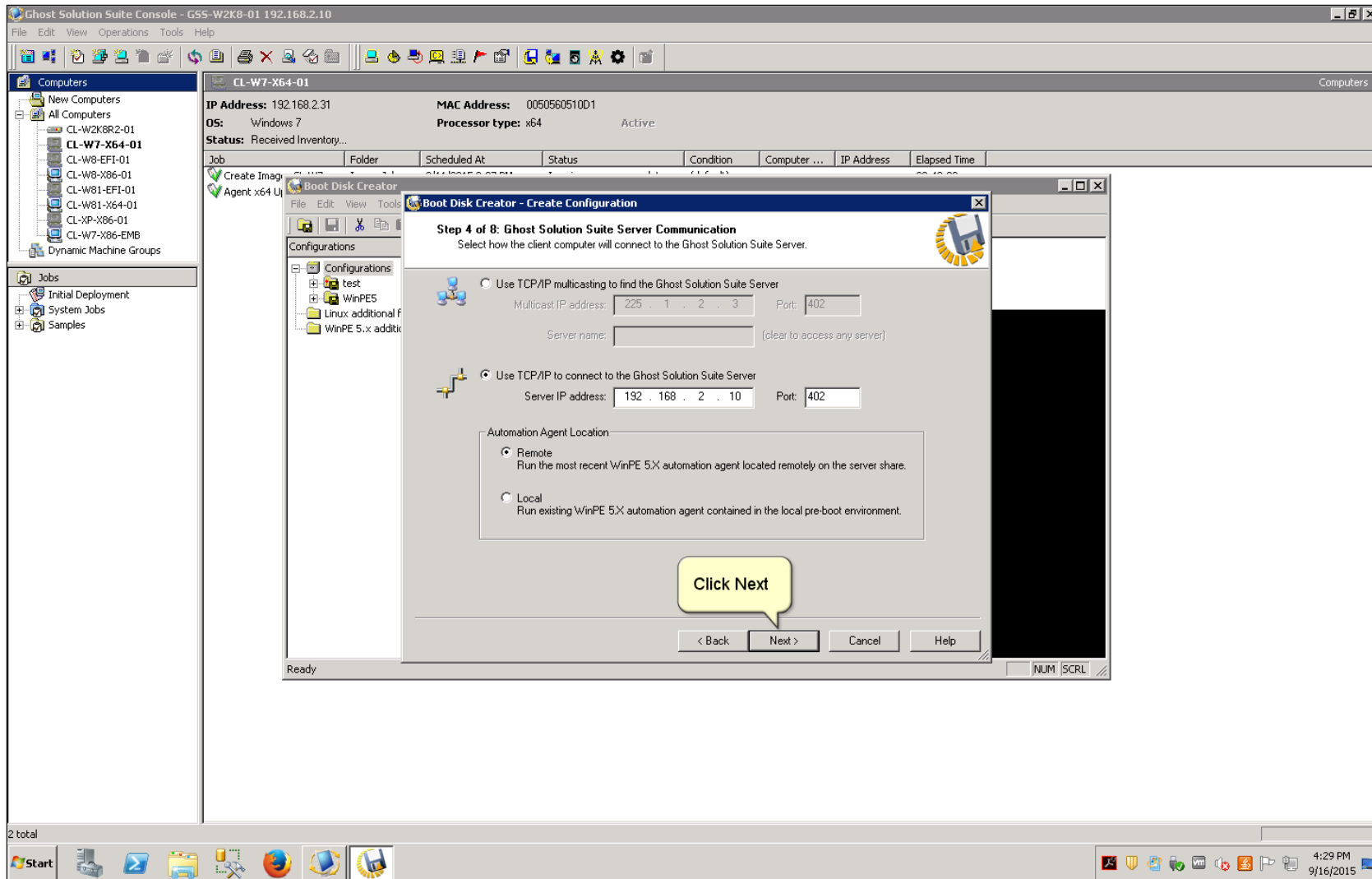
Slide 22



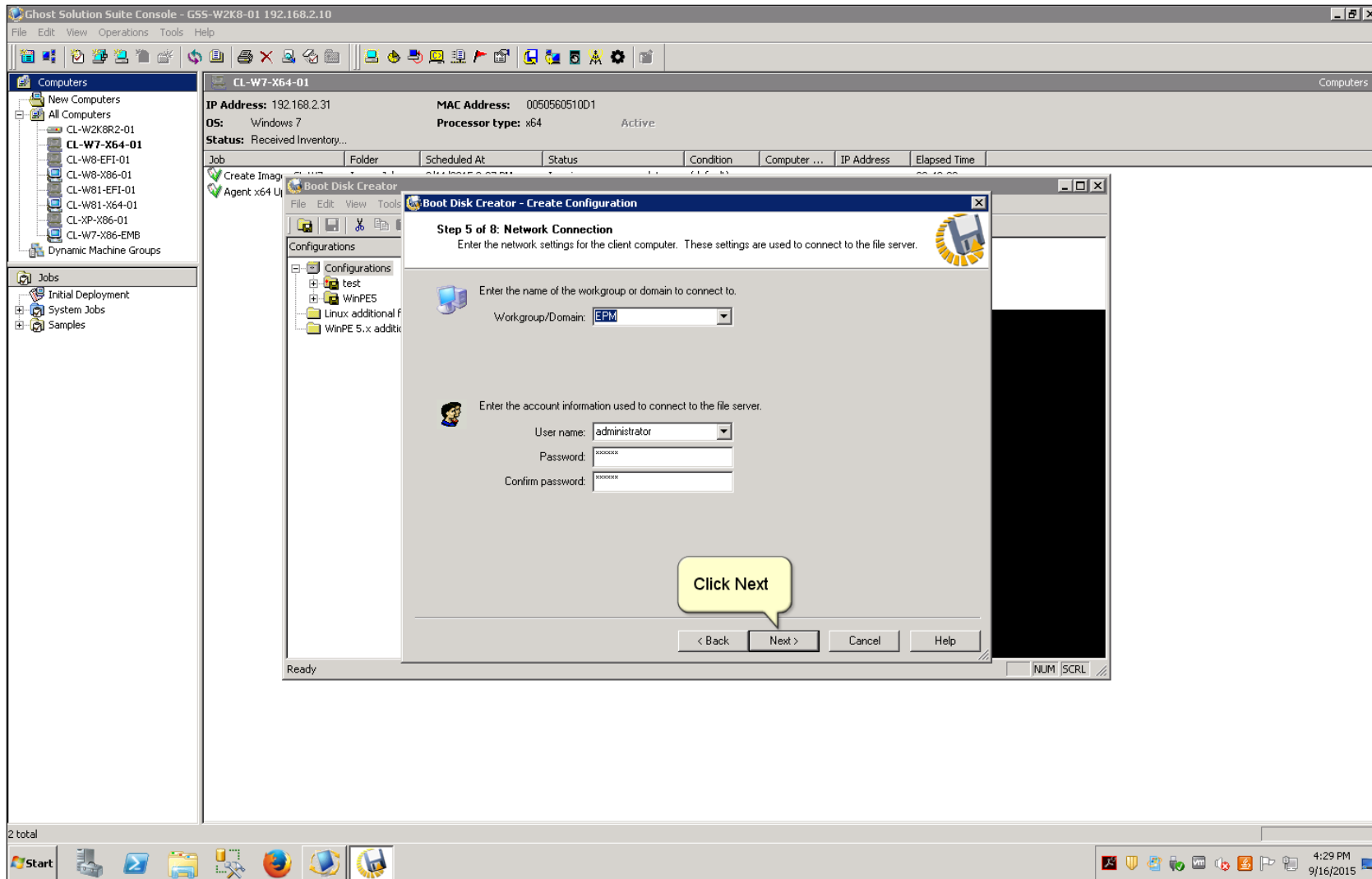
Slide 23



Slide 24



Slide 25



Slide 26

Optional

This page is for configuring the share folders for client computers to send or retrieve information from; The default share folder for Ghost is where the Installation directory is, normally C:\Program Files (x86)\Altiris\Express\Deployment Server. If customer needs to store Ghost images in a network location, add the shared resource here. Next steps show how to do so.

Note: Please do not delete the default M: \\Servername\Express share.

Step 6 of 8: Network Drive Mappings
Map a drive to the file server where the Ghost Solution Suite image files are stored.

☒ Manually create drive mappings
To access the imaging tools, create a drive mapping to the Ghost Solution Suite share.
To access an image store that is not on the Ghost Solution Suite share, define additional drive mappings by selecting a drive letter, and entering the server and share name or volume name for that drive.

Drive: M: \\GSS-W2K8-01\\eXpress
Path: \\GSS-W2K8-01\\eXpress
Example: \\server\share

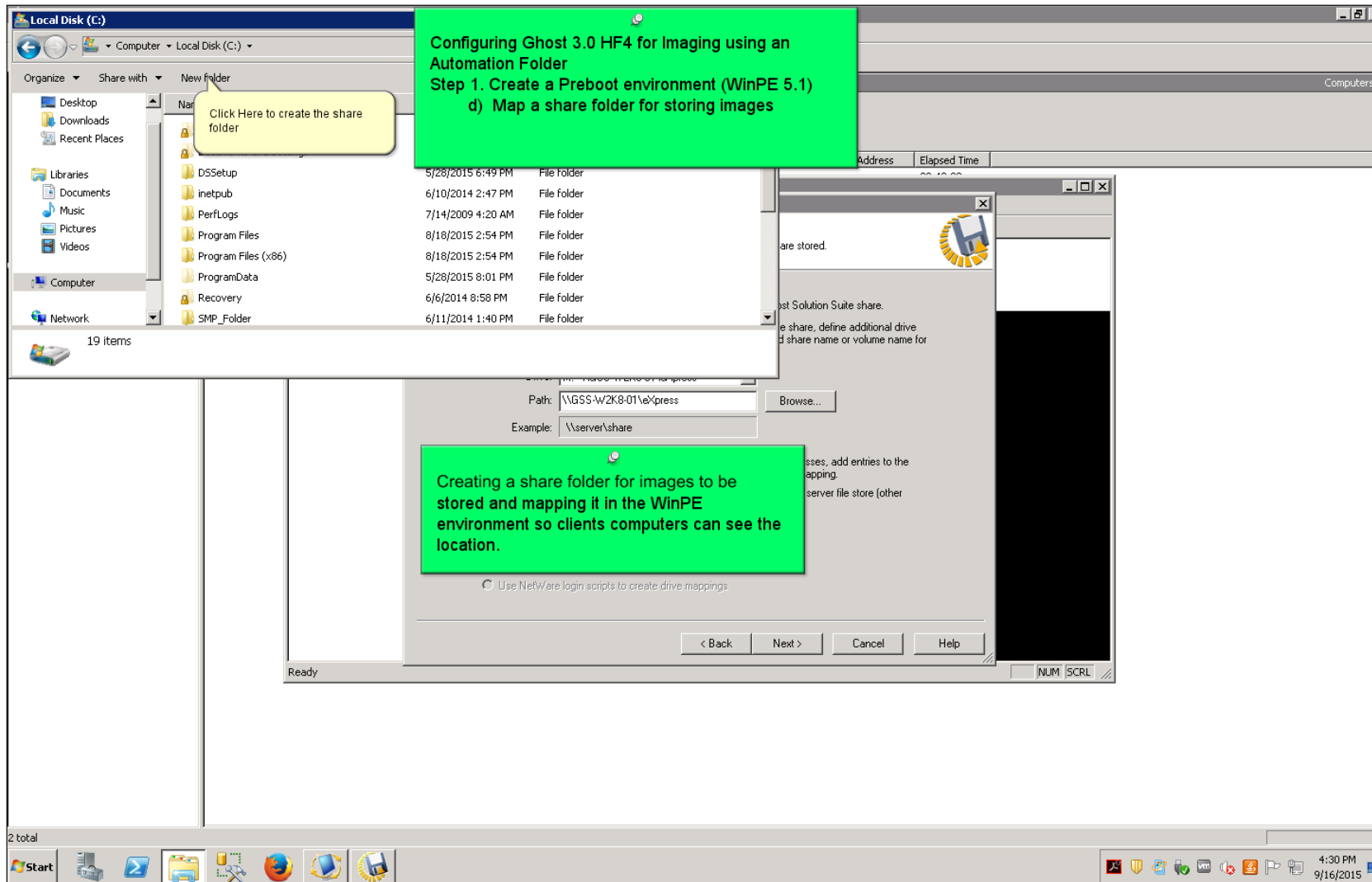
If the network does not support NetBIOS name resolution to IP addresses, add entries to the LMHOSTS file to map server names to IP addresses for each drive mapping.

☒ Create an entry in the LMHOSTS file for the Ghost Solution Suite server file store (other entries must be added manually)
Server name: GSS-W2K8-01
IP address: 192 . 168 . 2 . 10

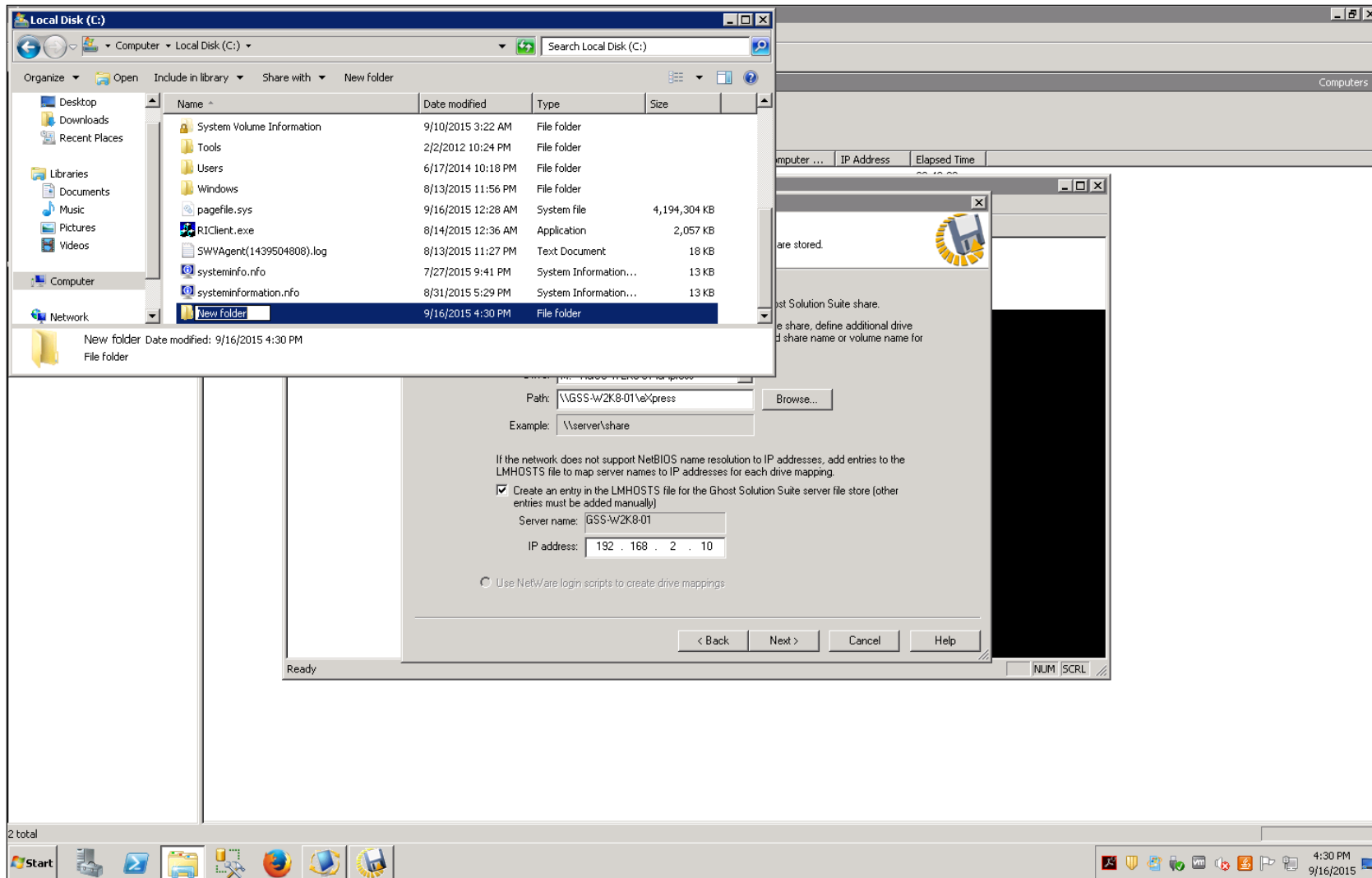
☐ Use NetWare login scripts to create drive mappings

Click Here

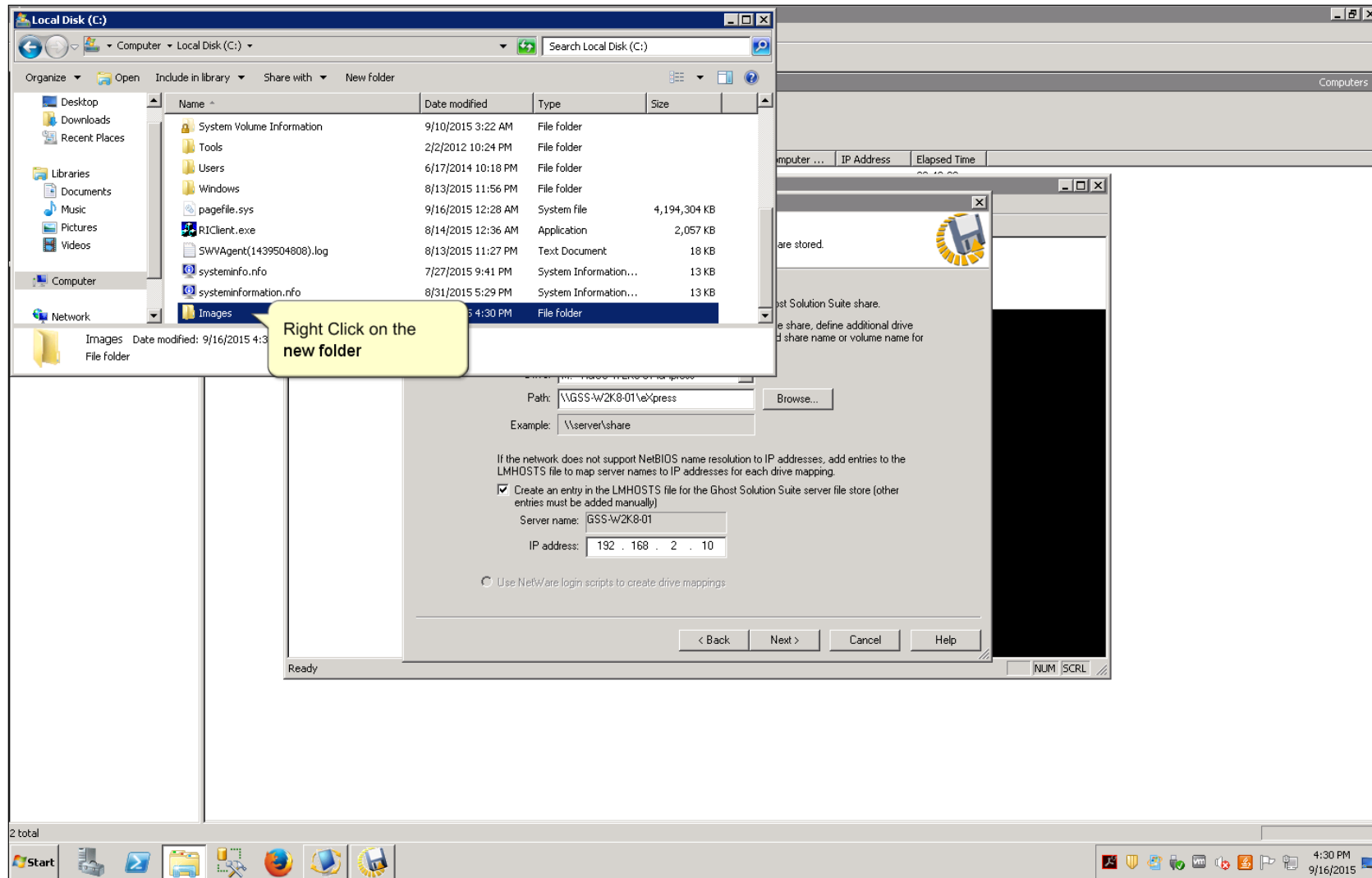
Slide 27



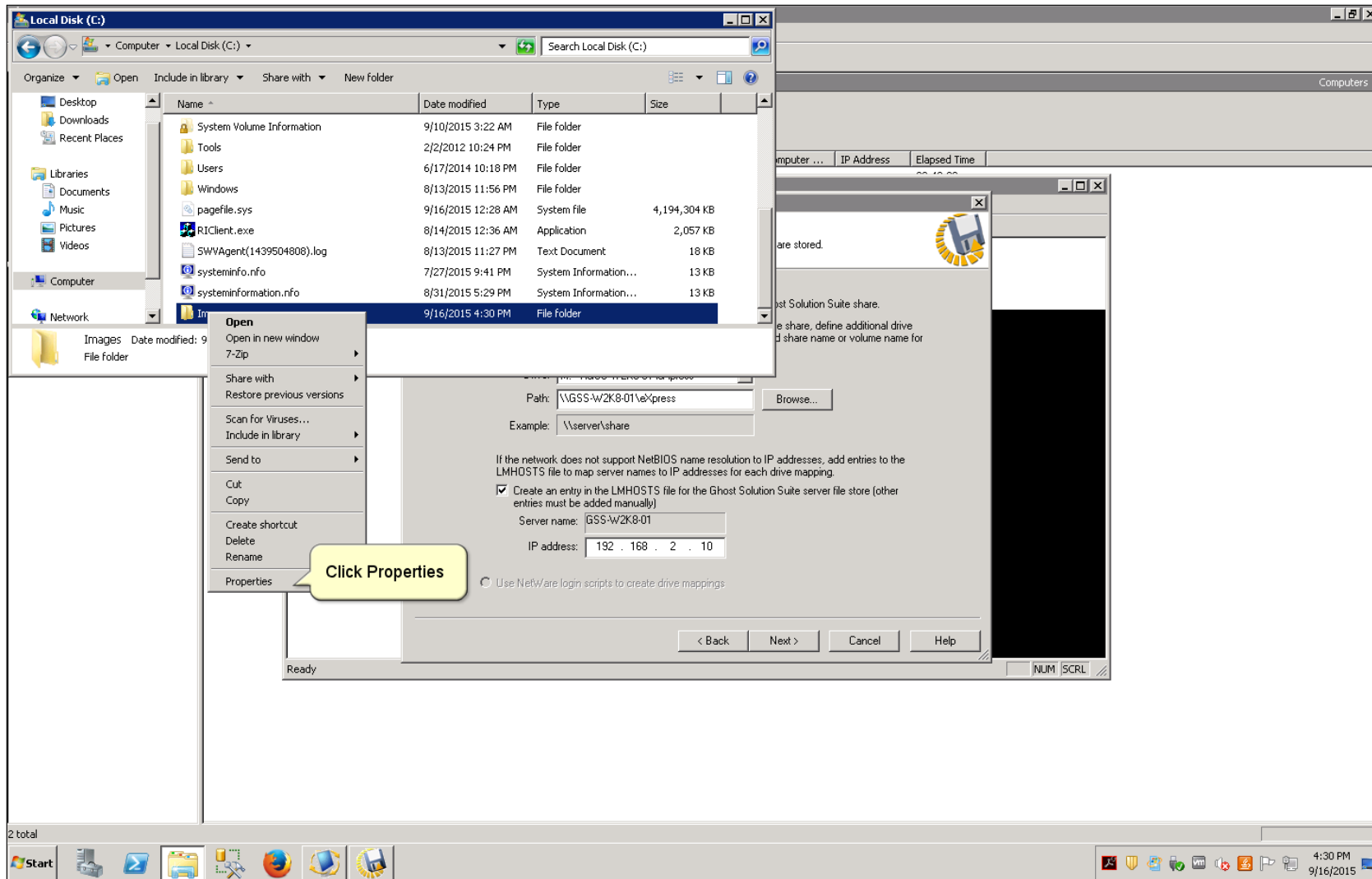
Slide 28



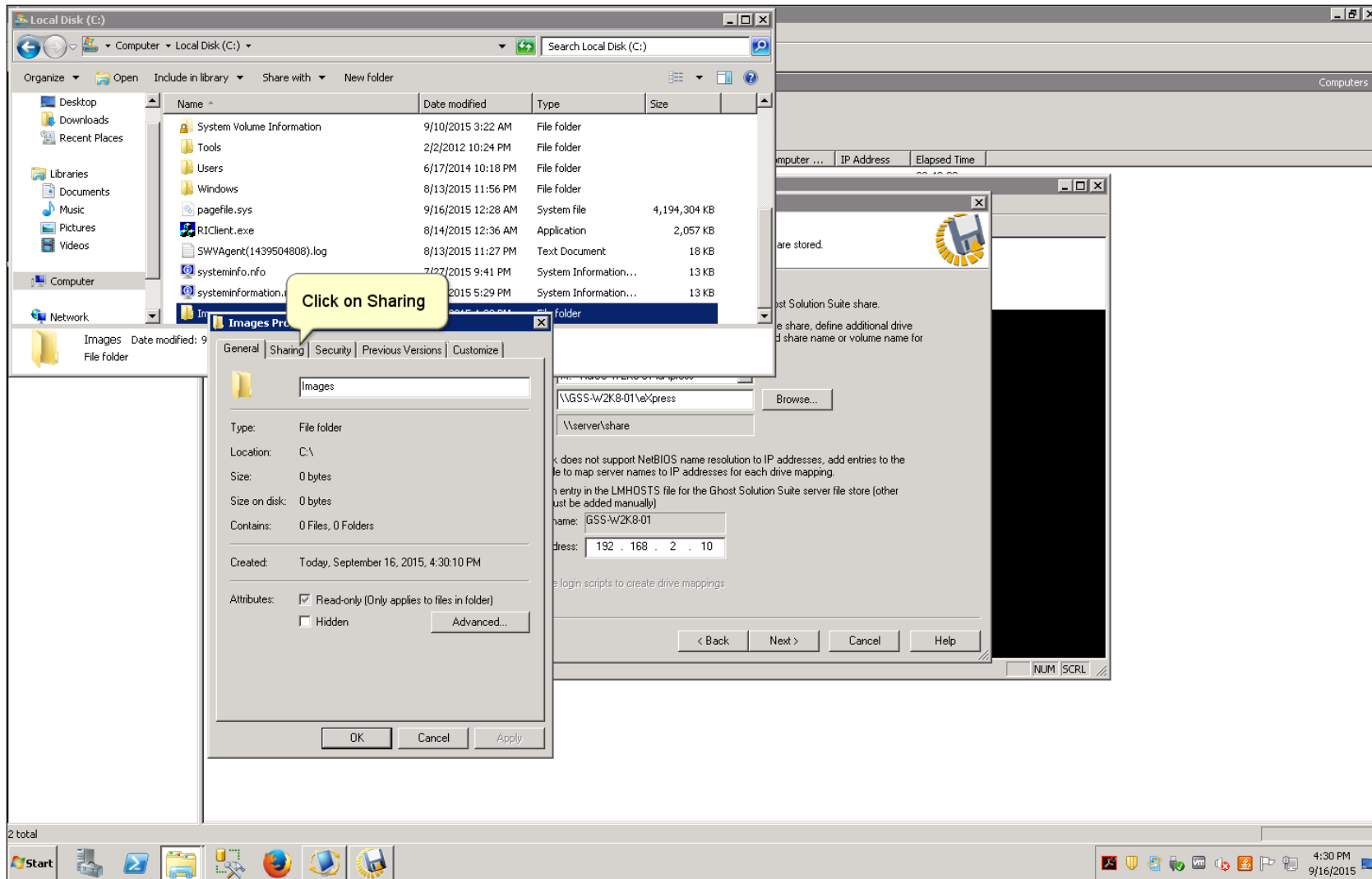
Slide 29



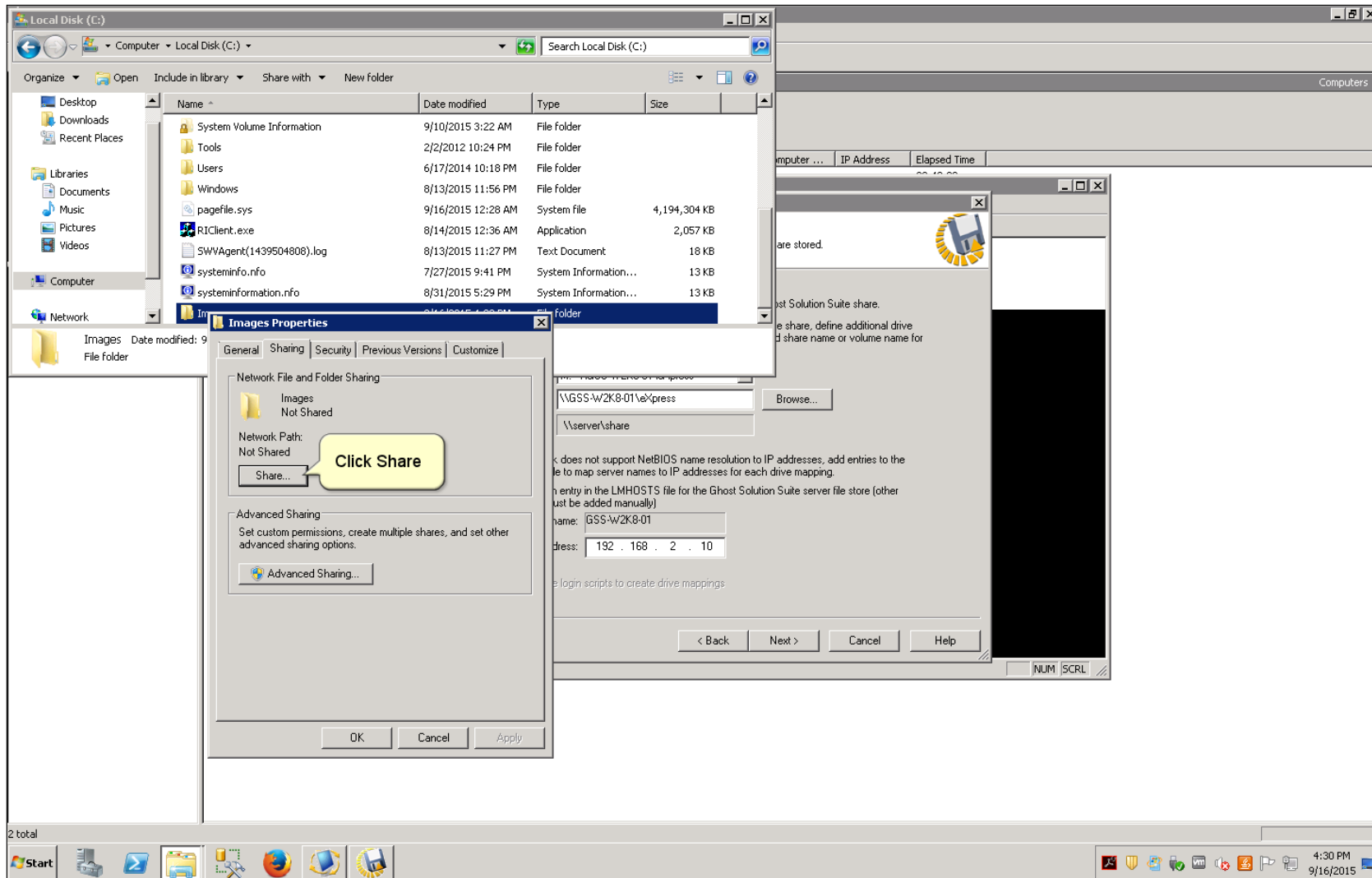
Slide 30



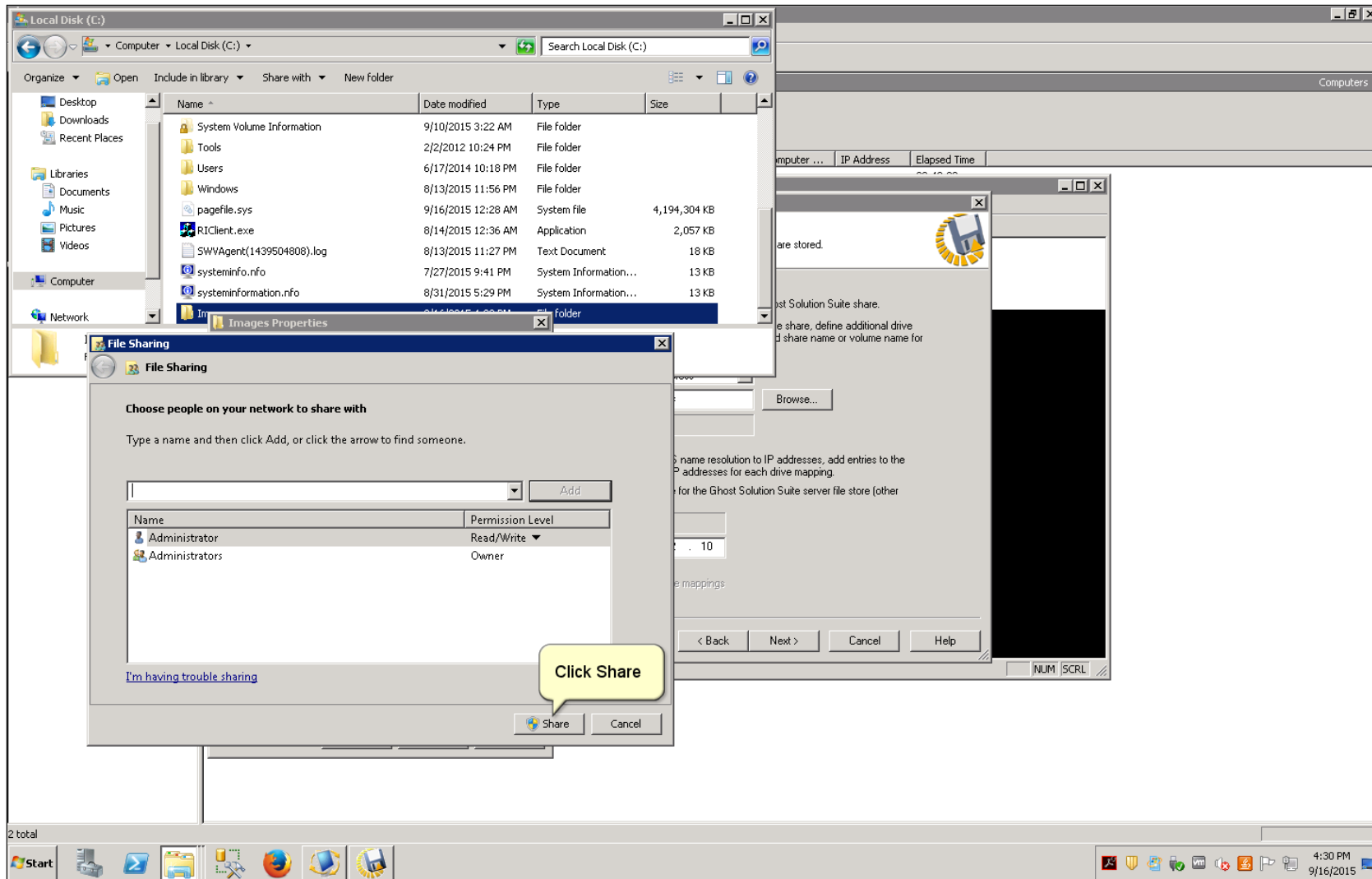
Slide 31



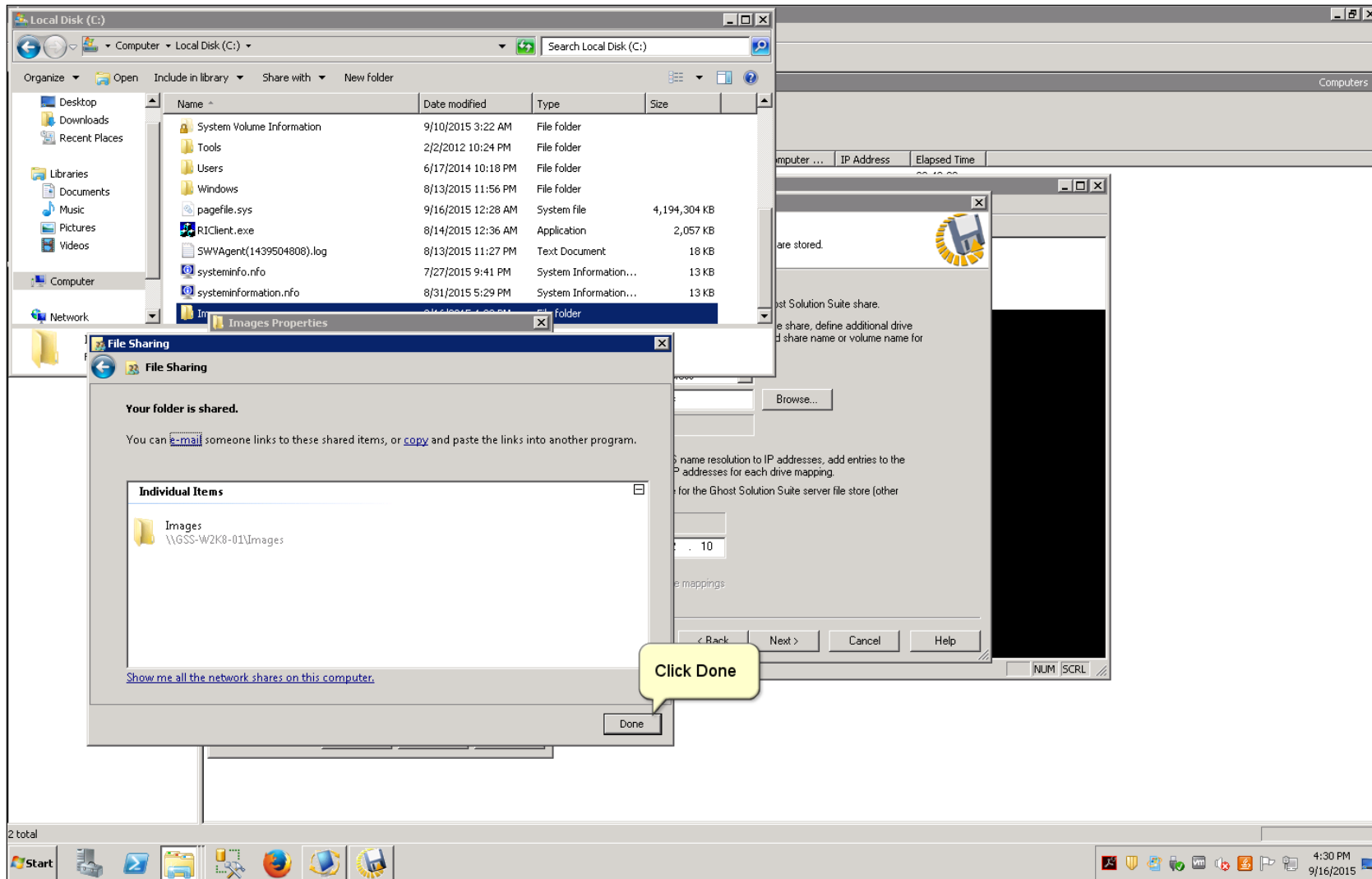
Slide 32



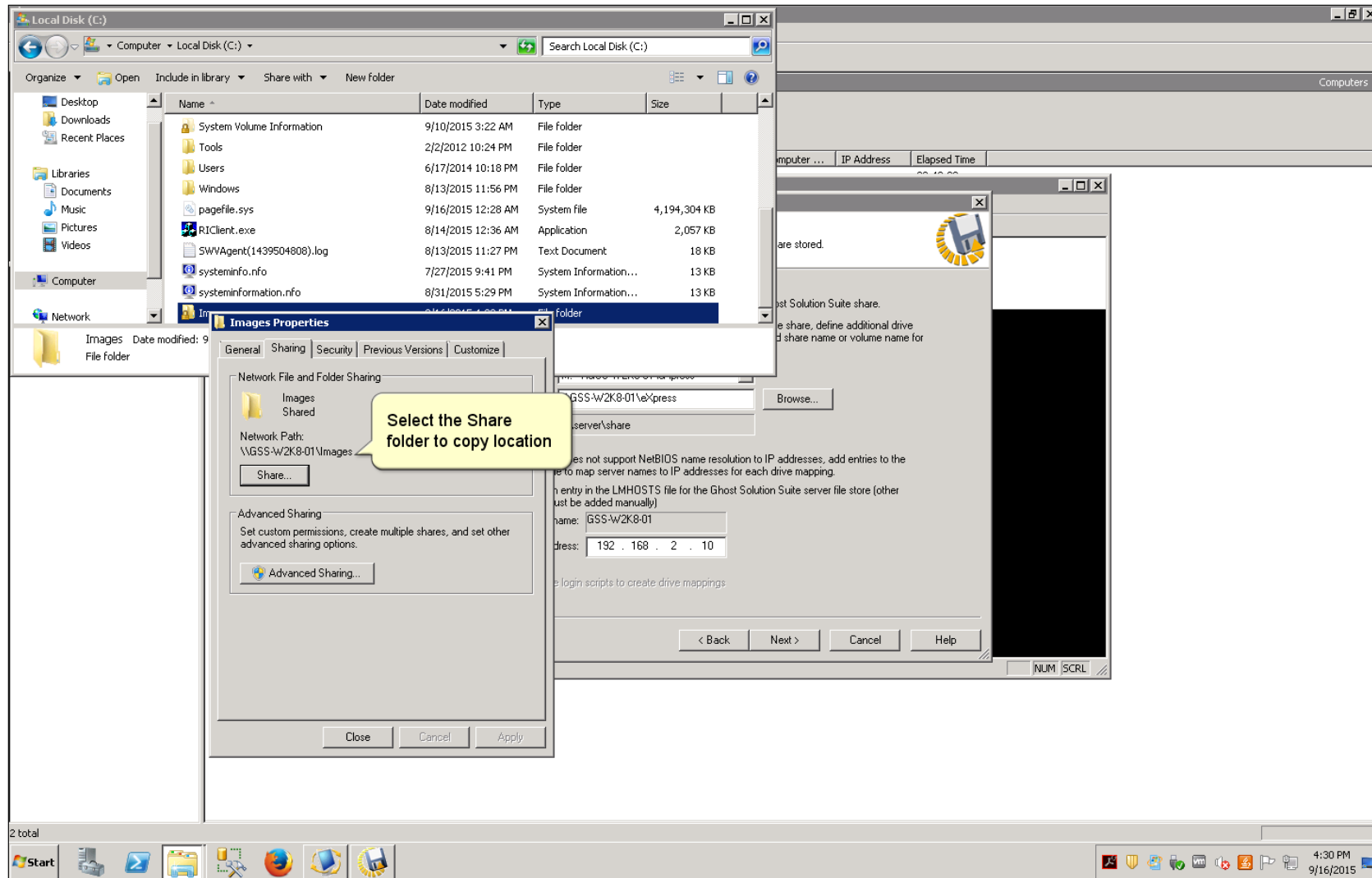
Slide 33



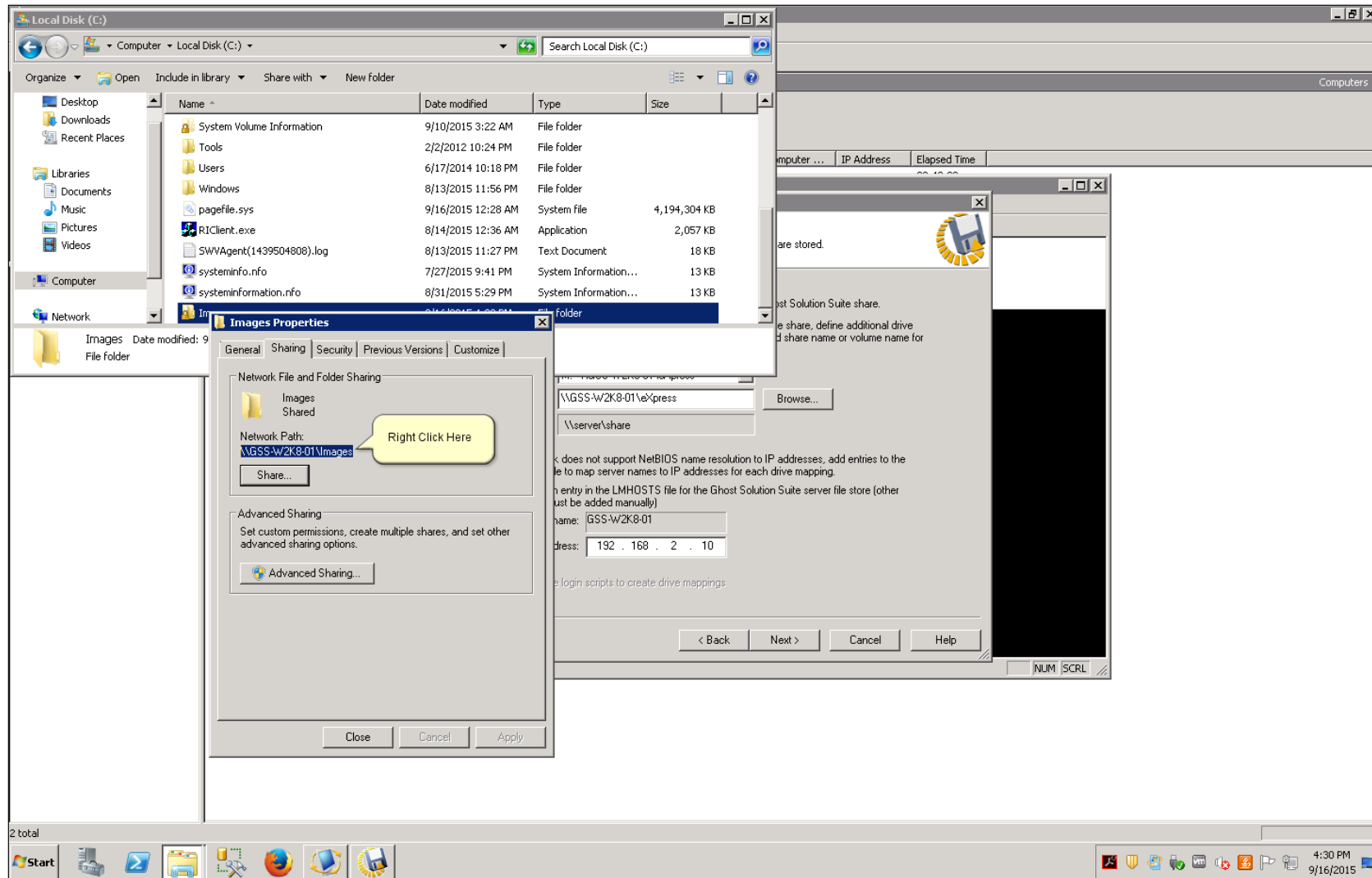
Slide 34



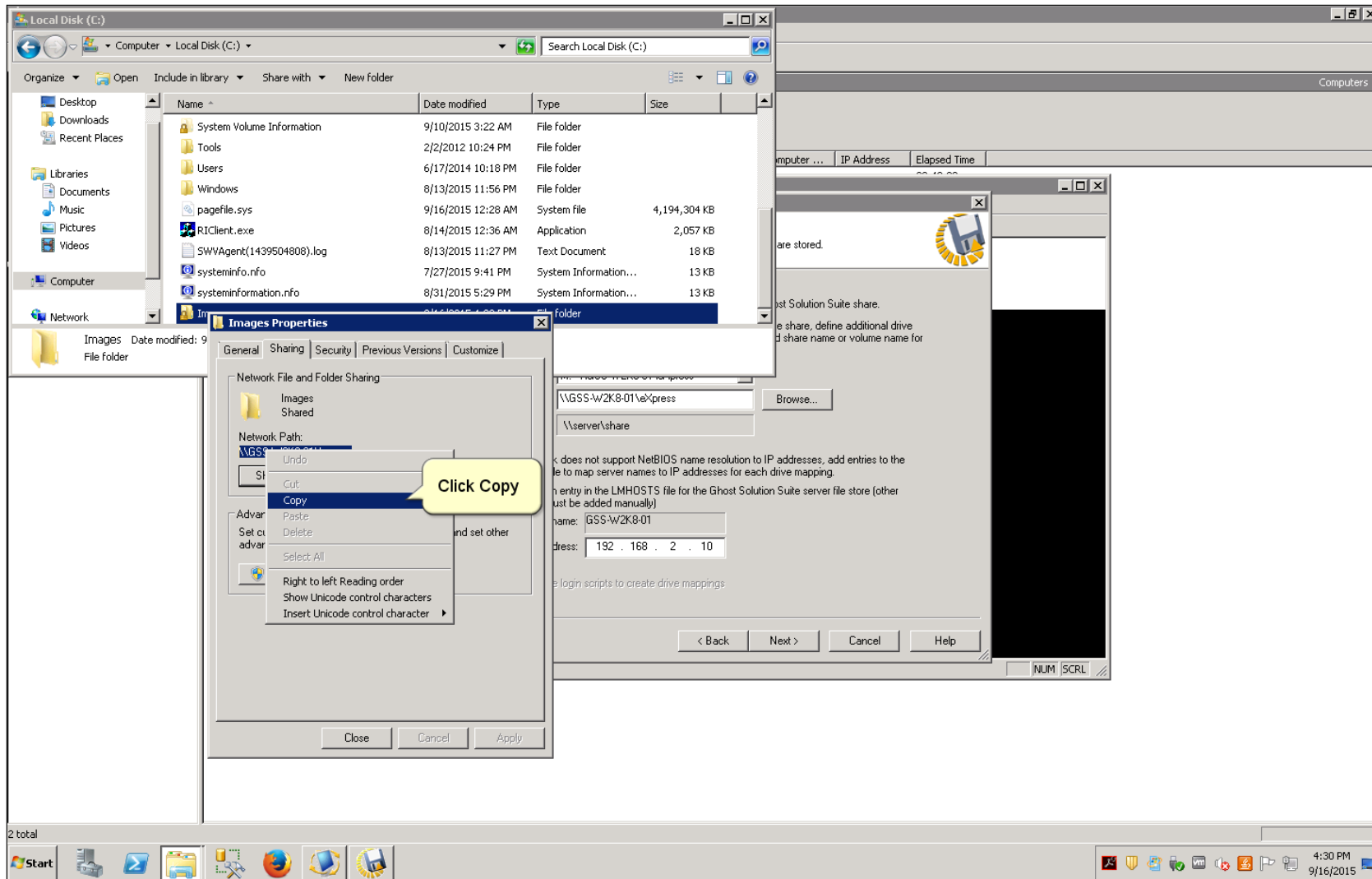
Slide 35



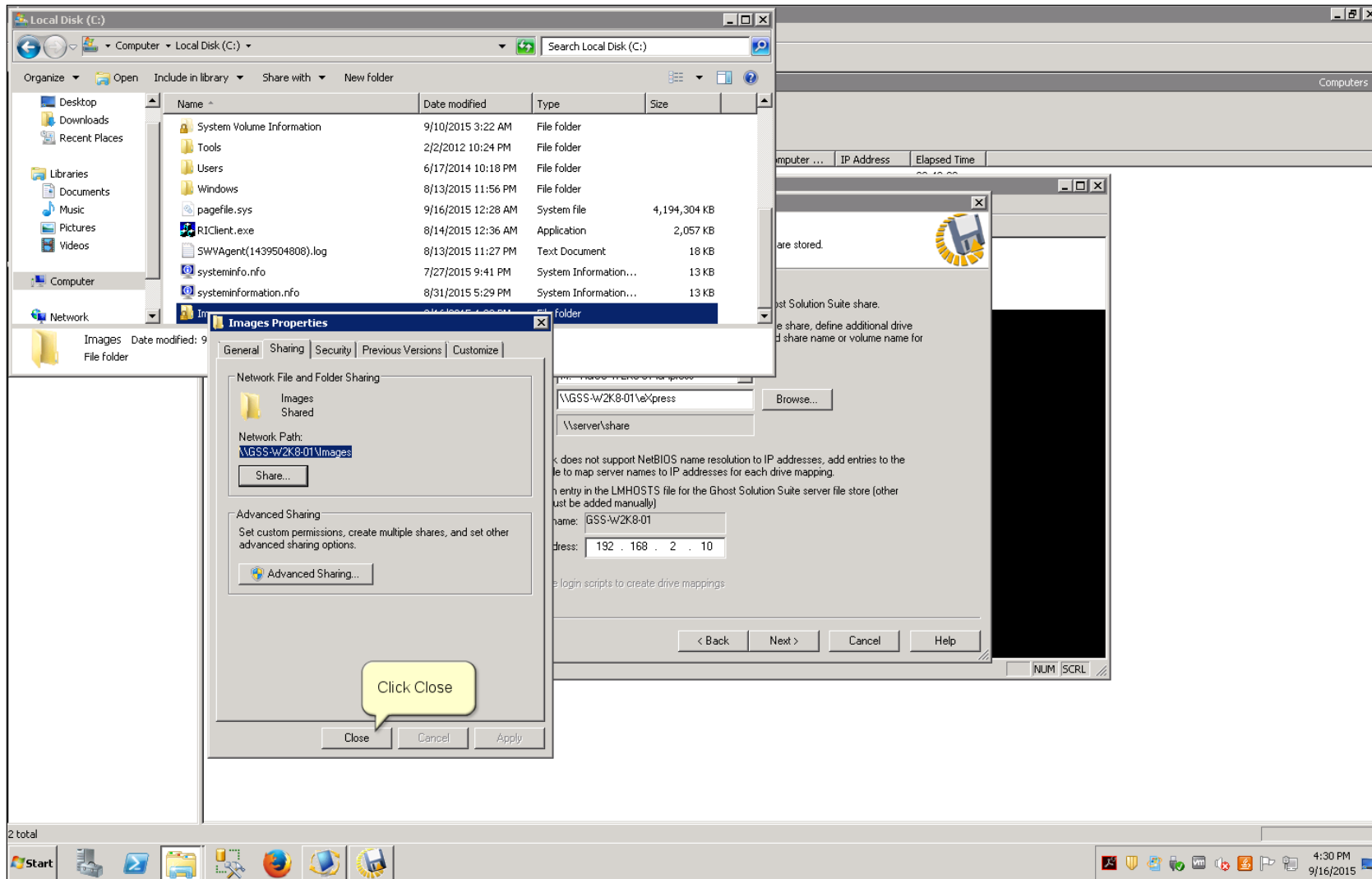
Slide 36



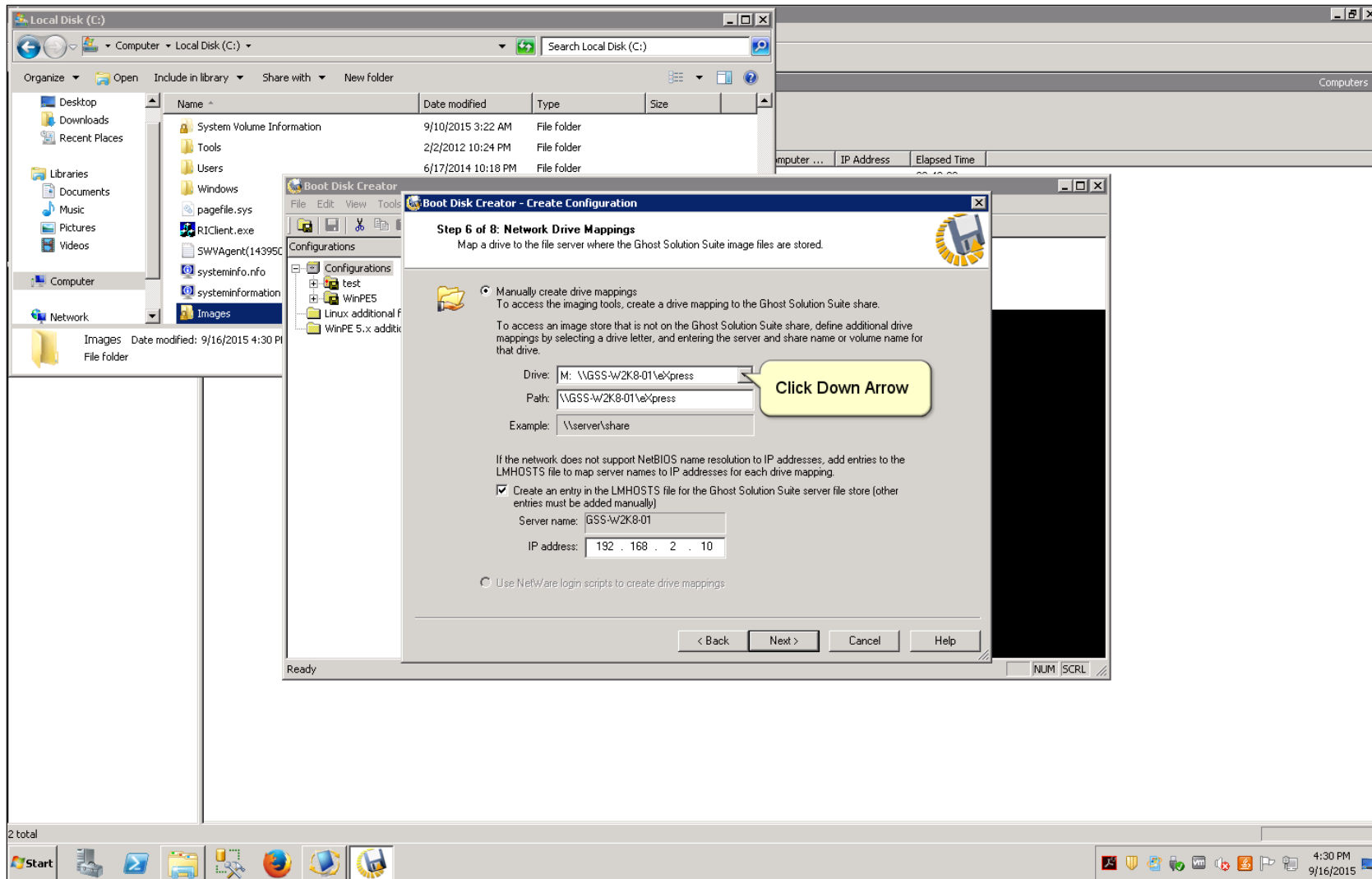
Slide 37



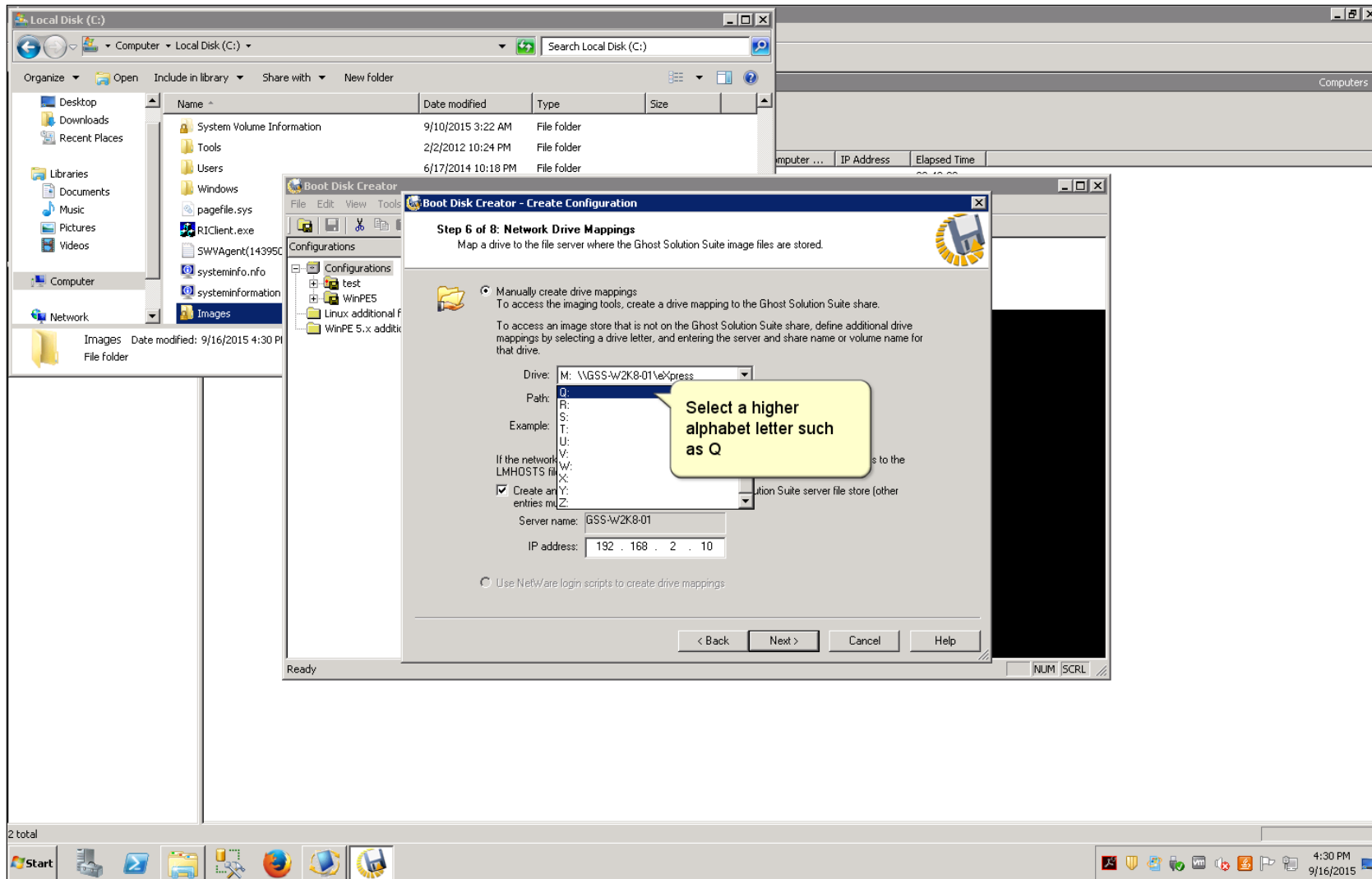
Slide 38



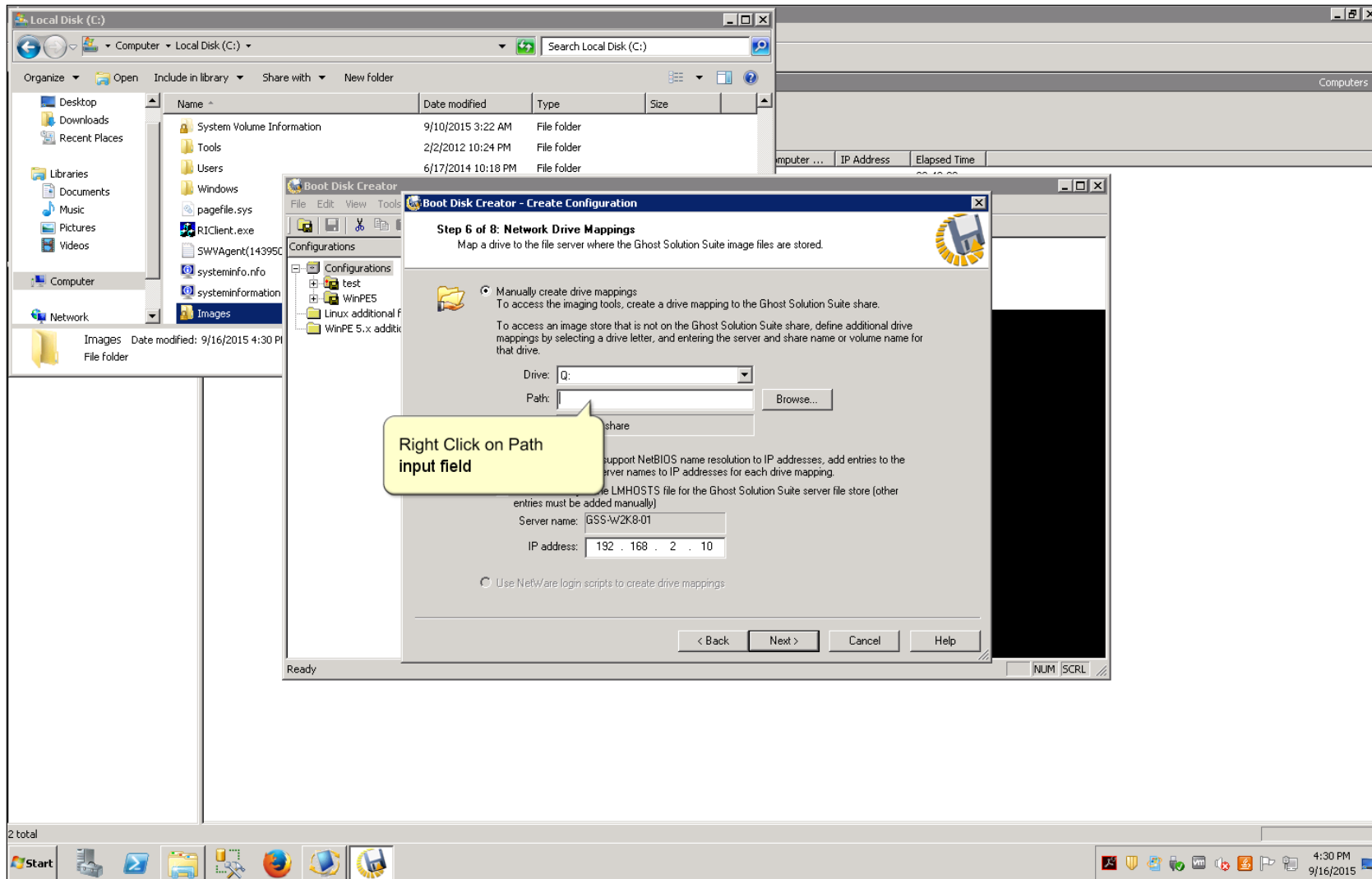
Slide 39



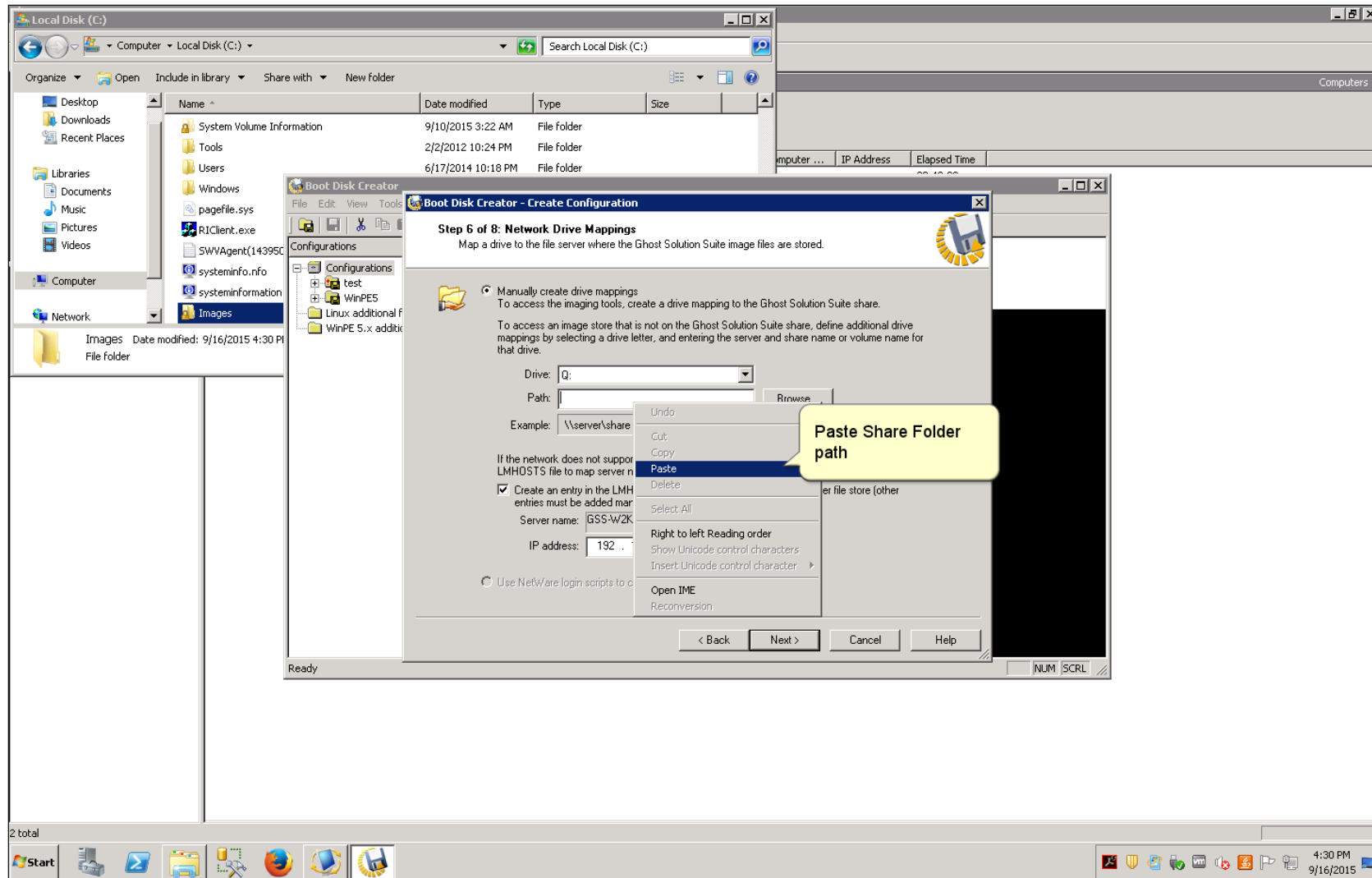
Slide 40



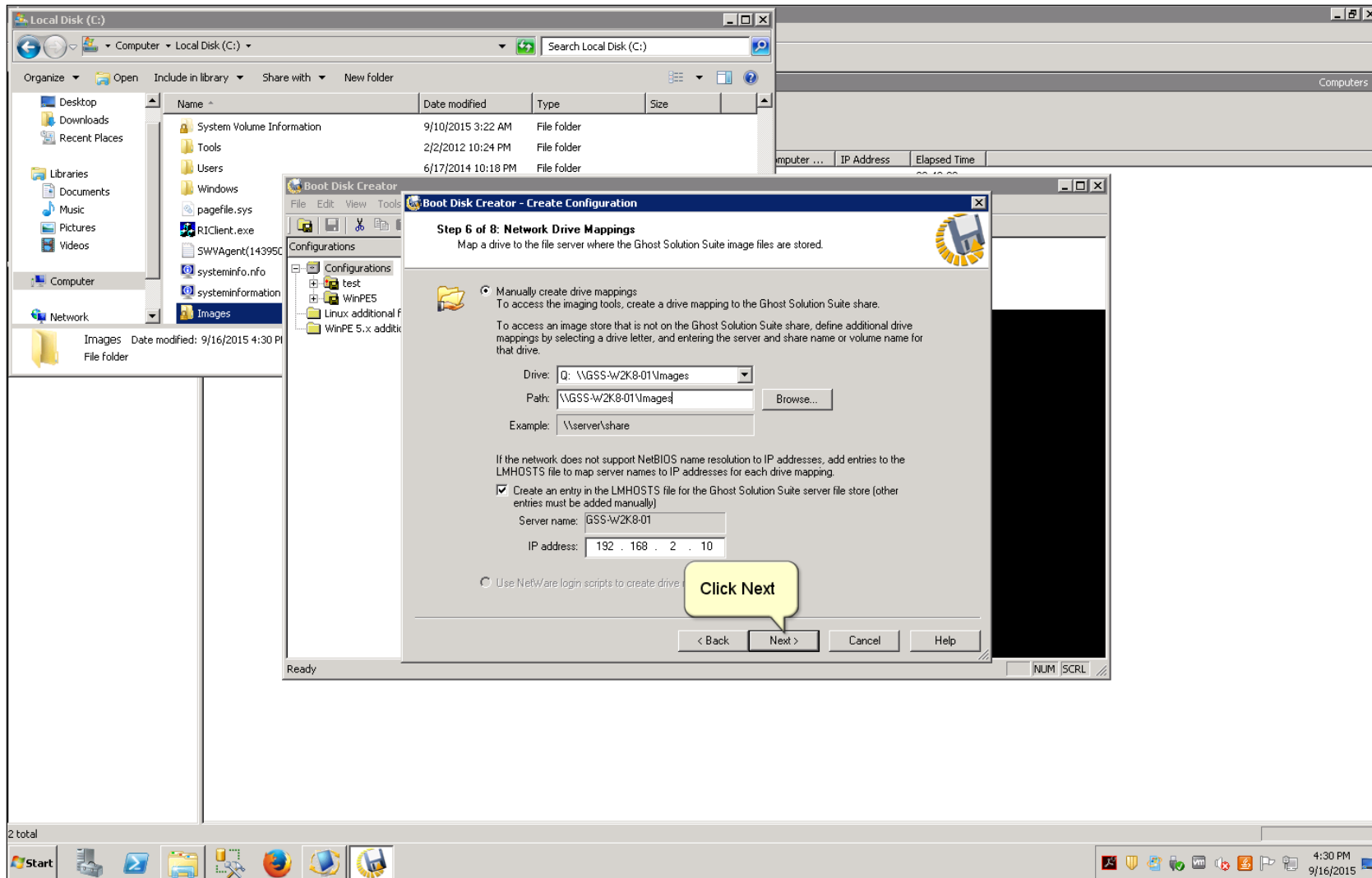
Slide 41



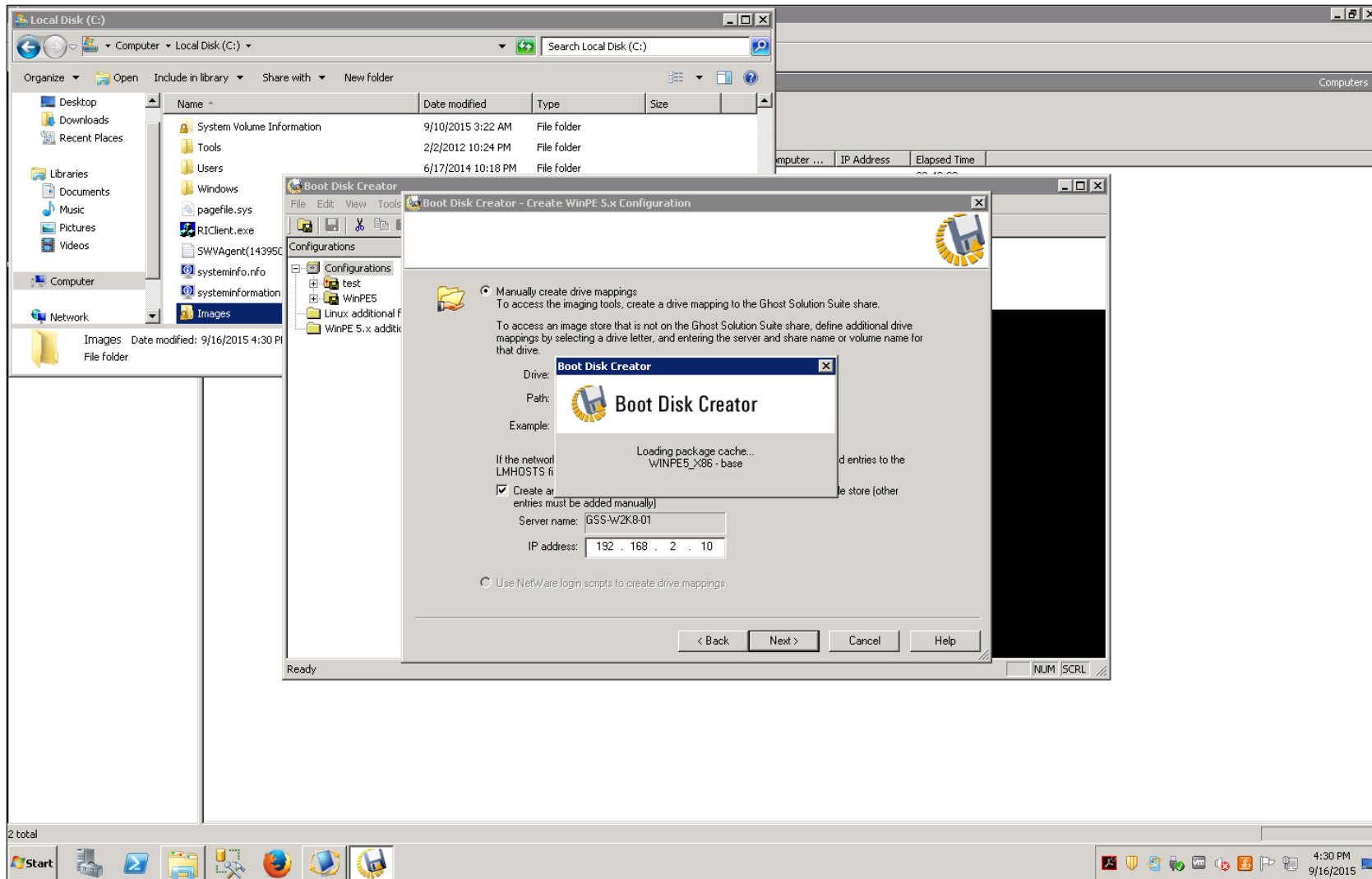
Slide 42



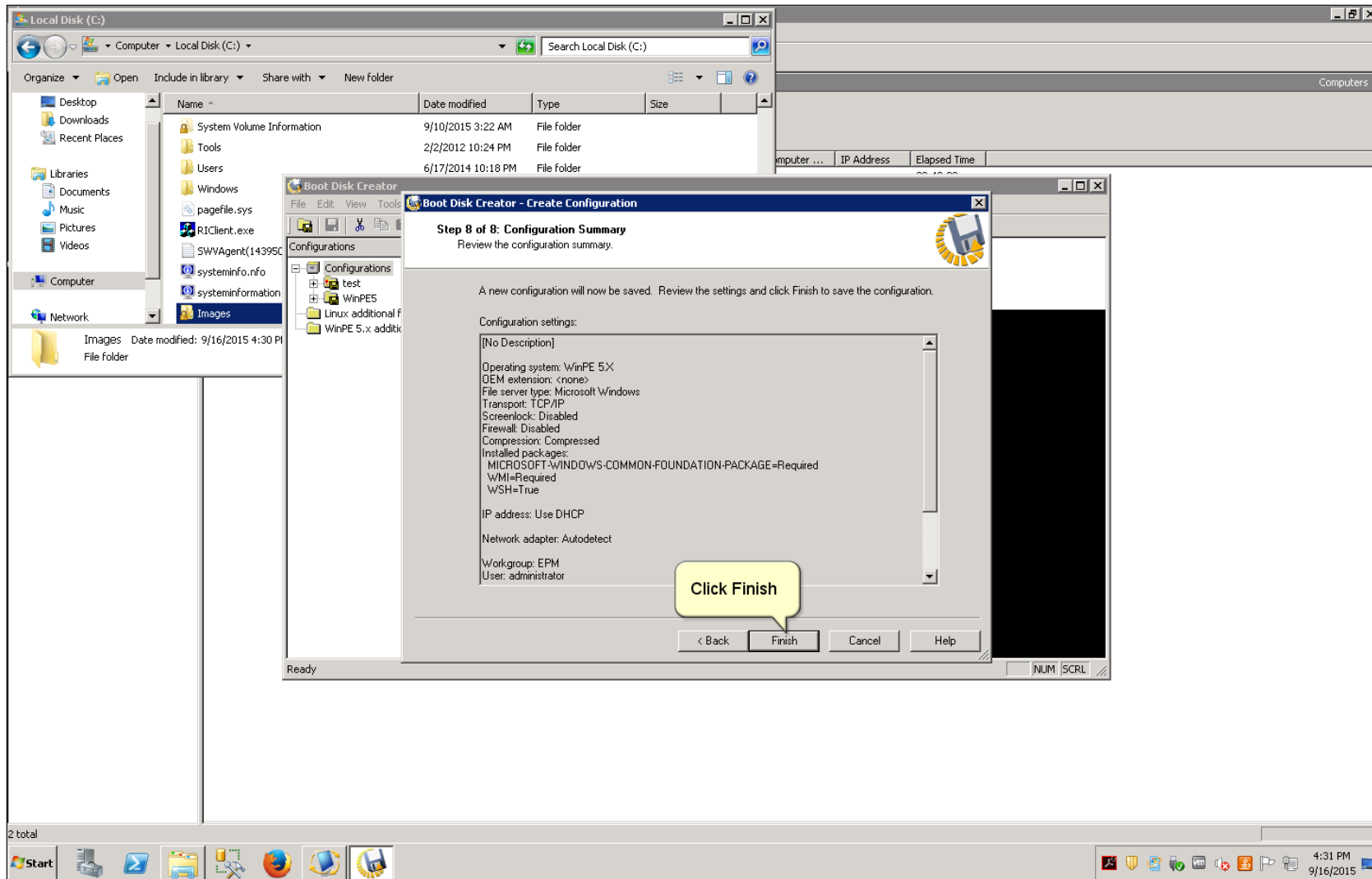
Slide 43



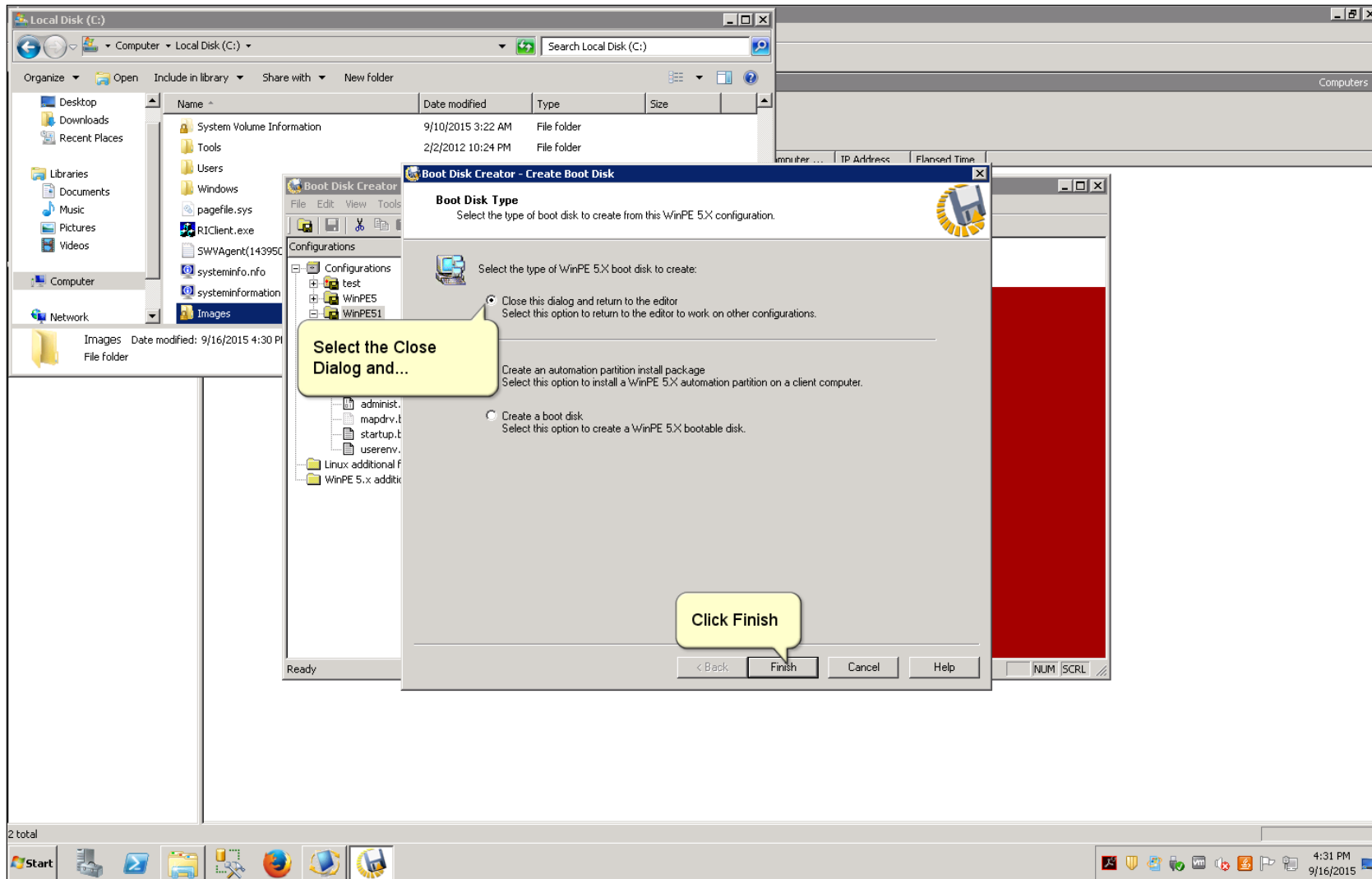
Slide 44



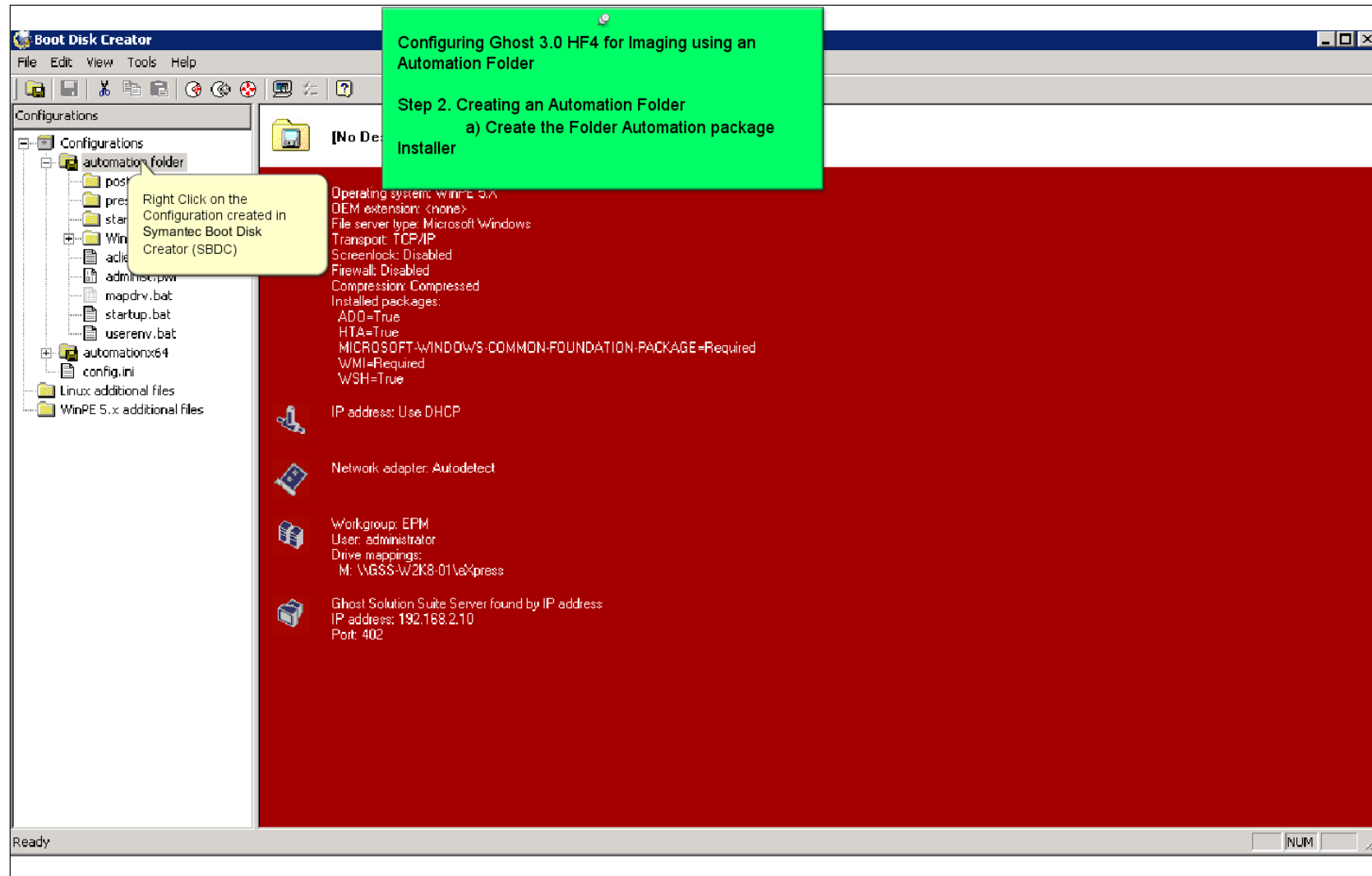
Slide 45



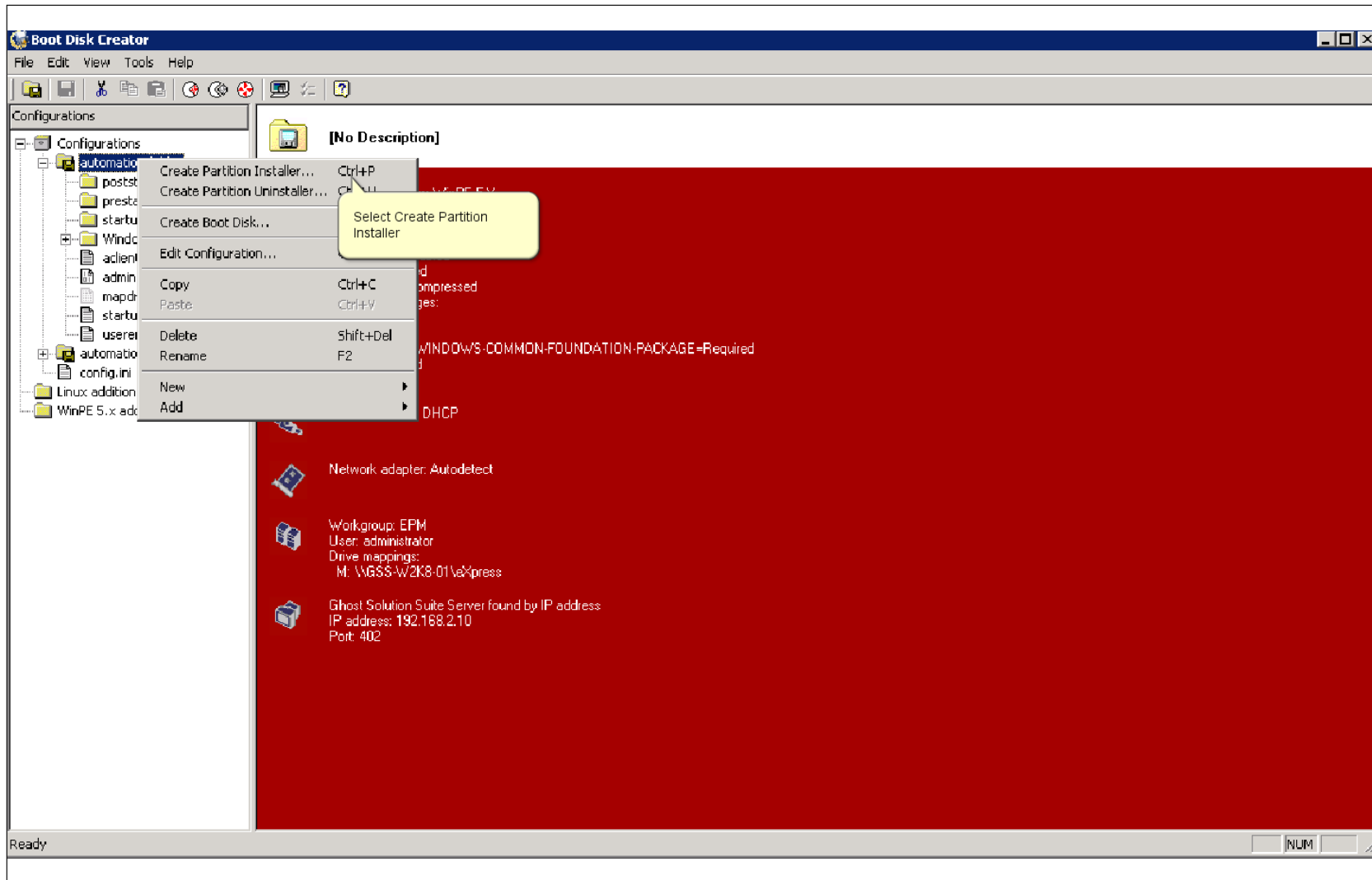
Slide 46



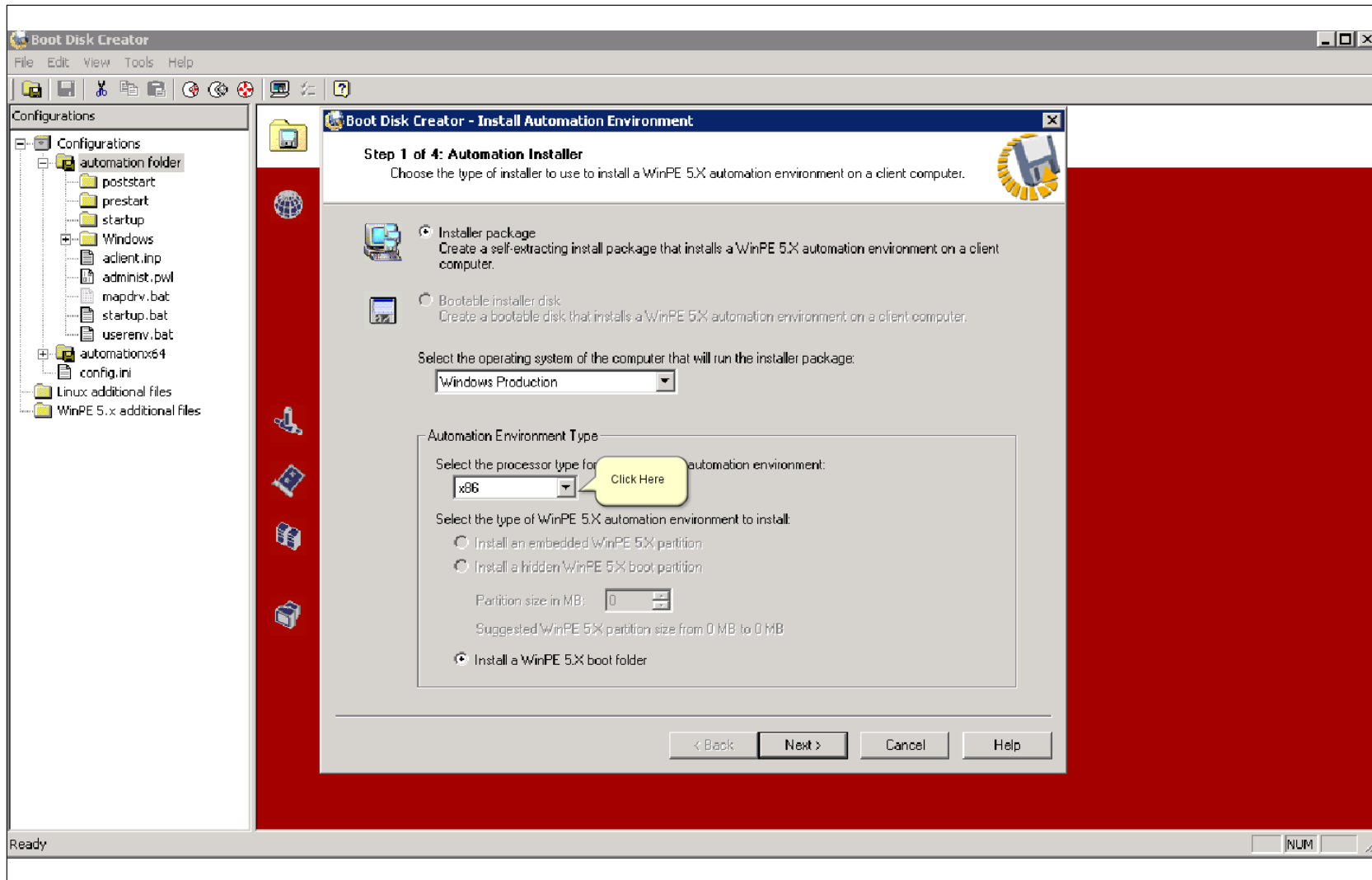
Slide 47



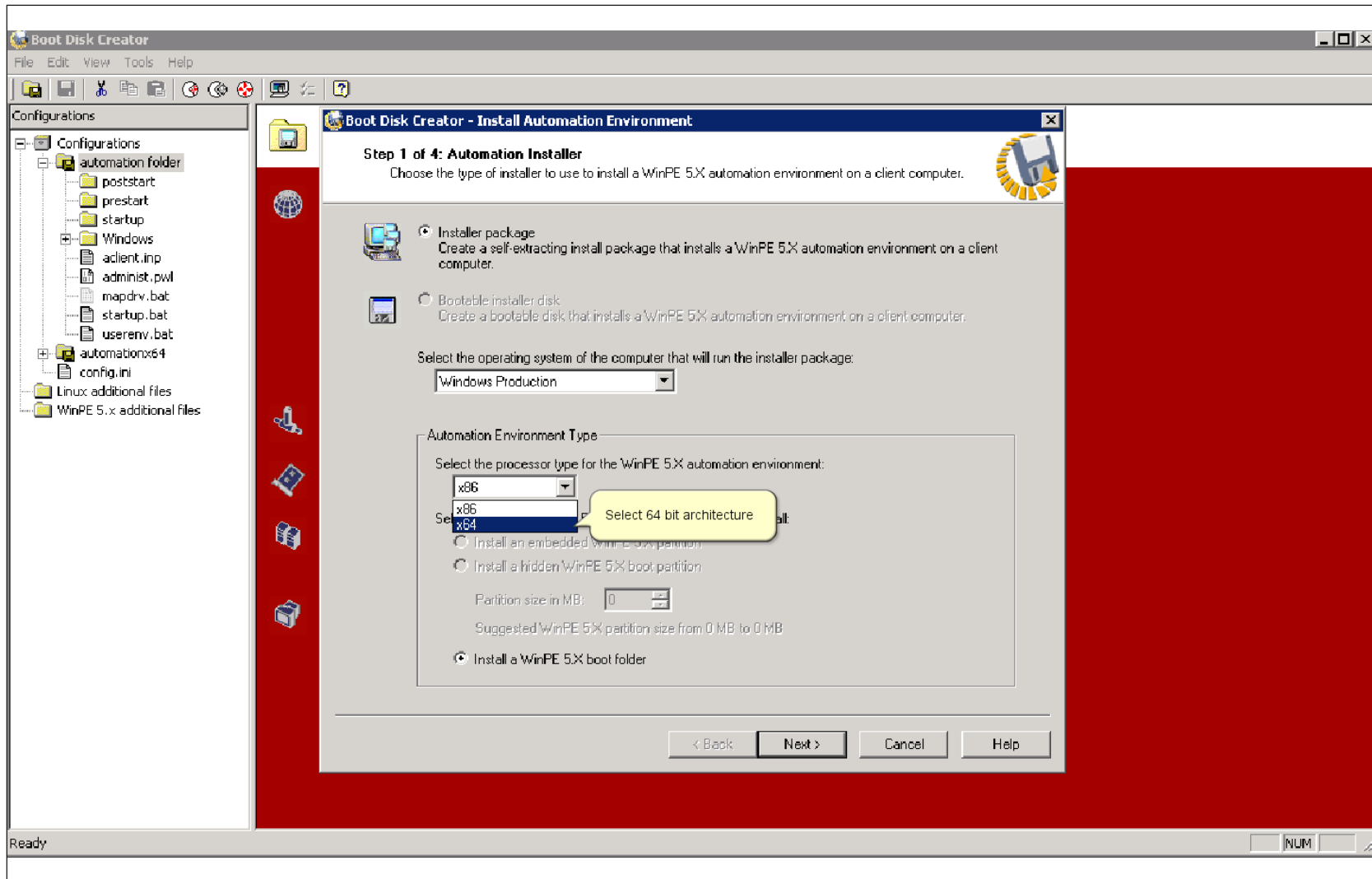
Slide 48



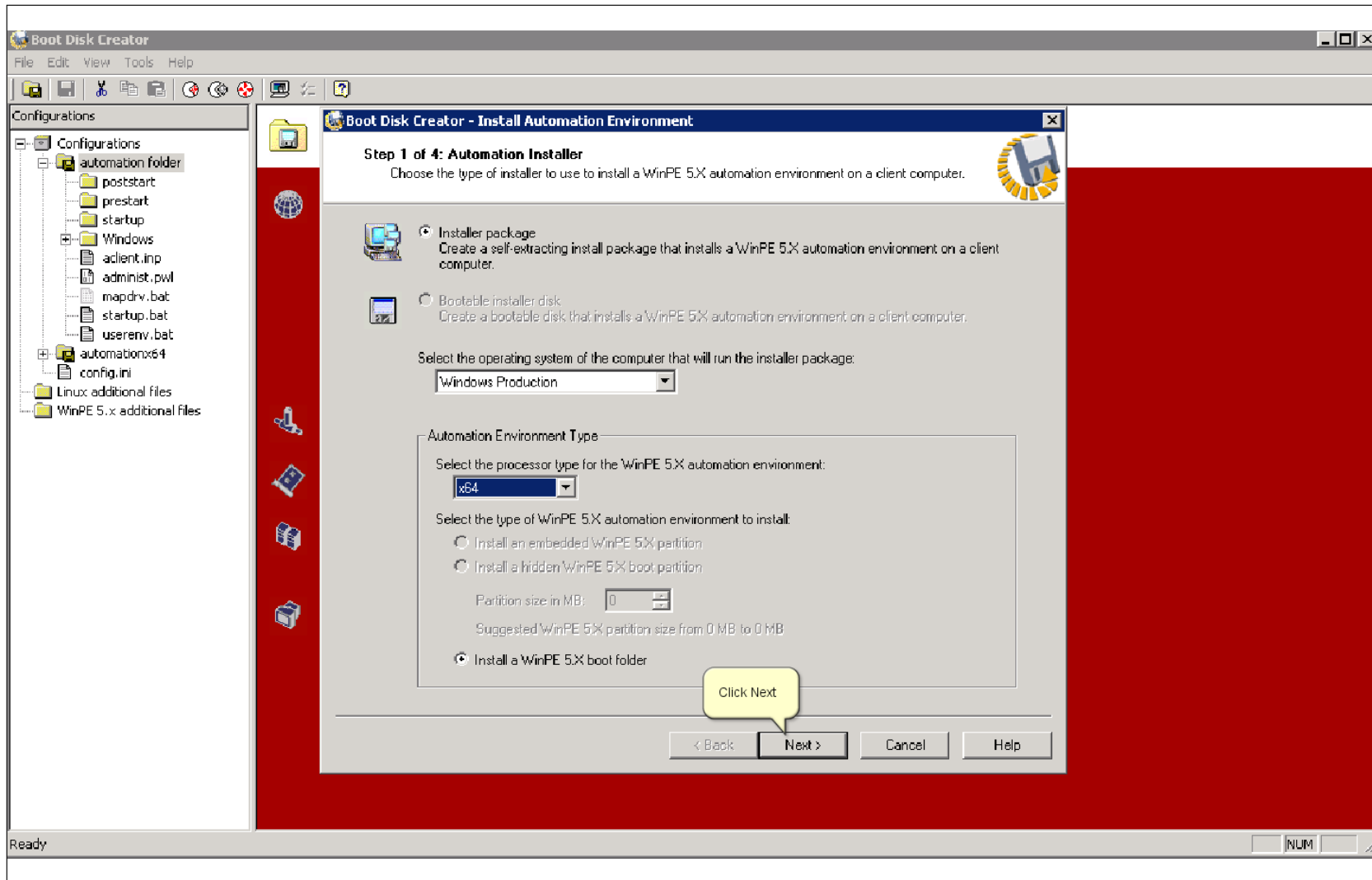
Slide 49



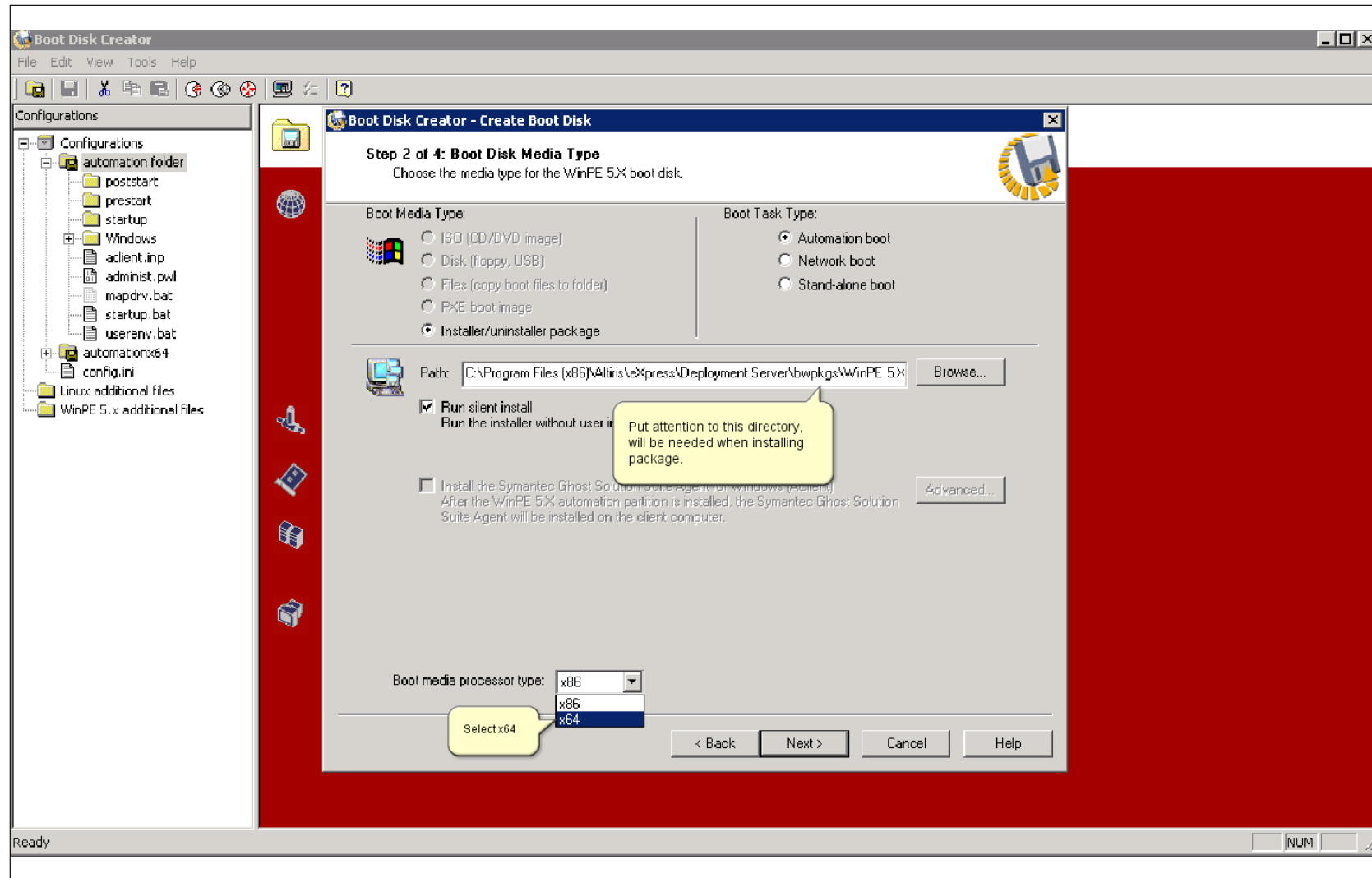
Slide 50



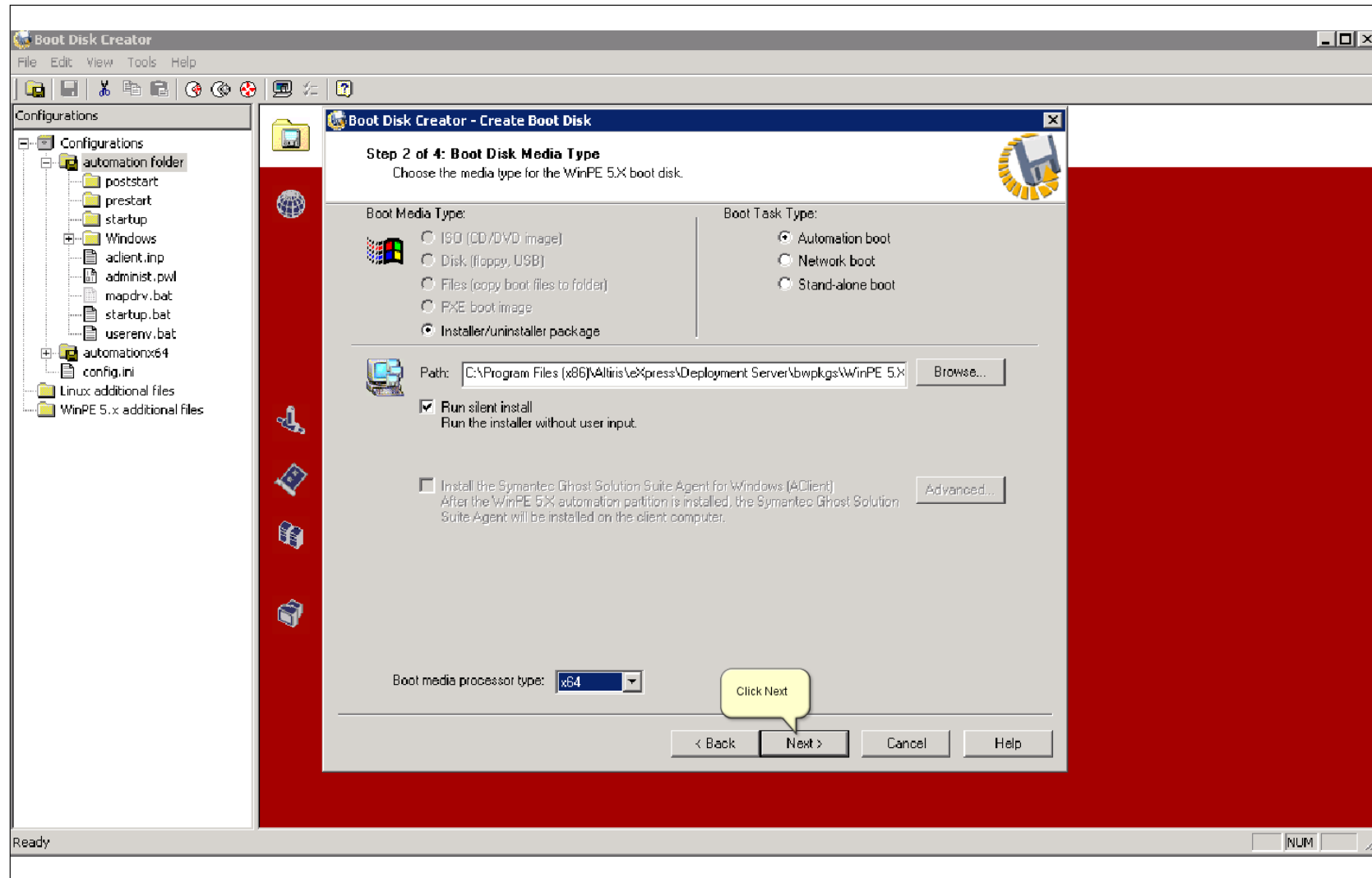
Slide 51



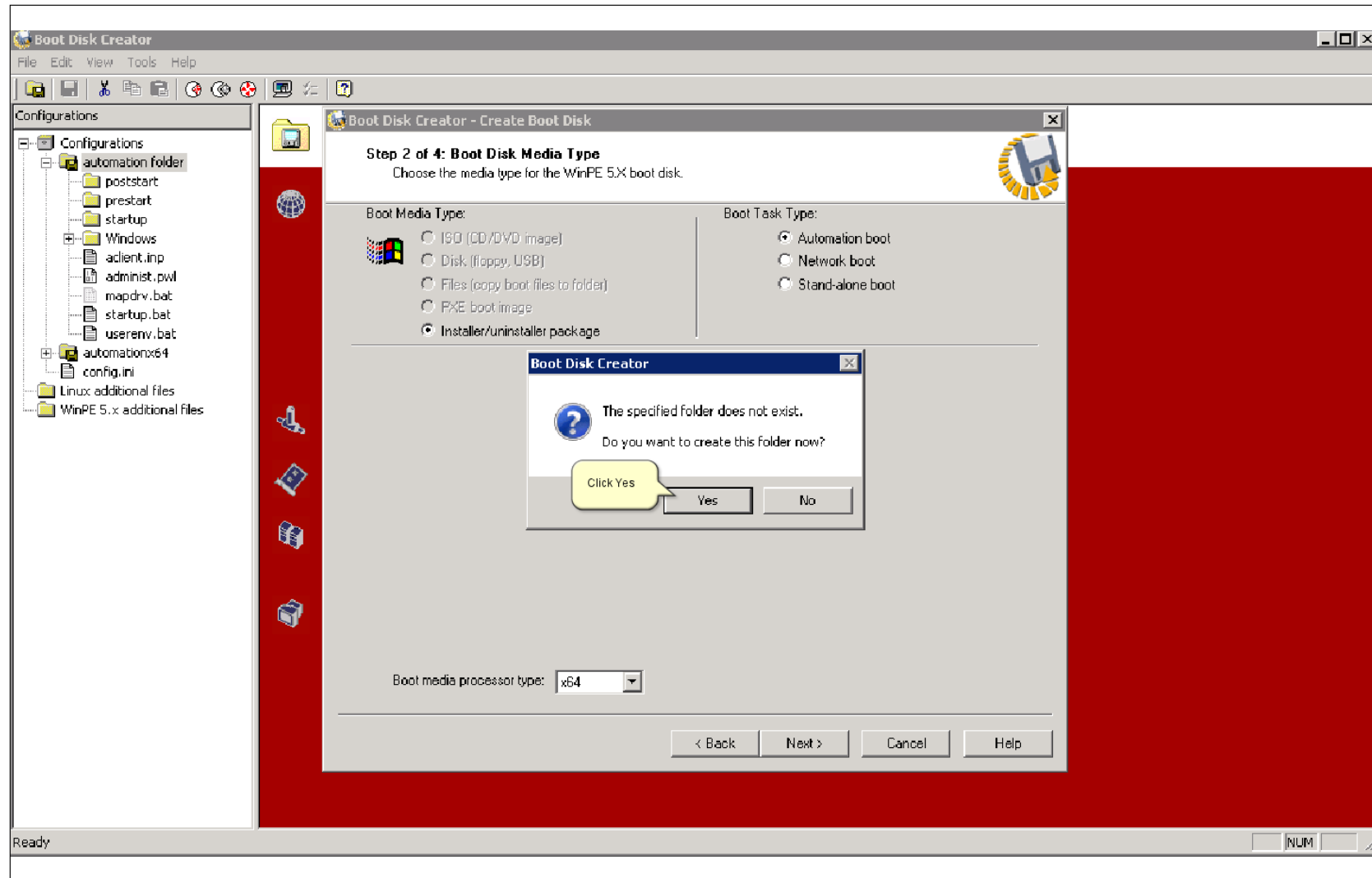
Slide 52



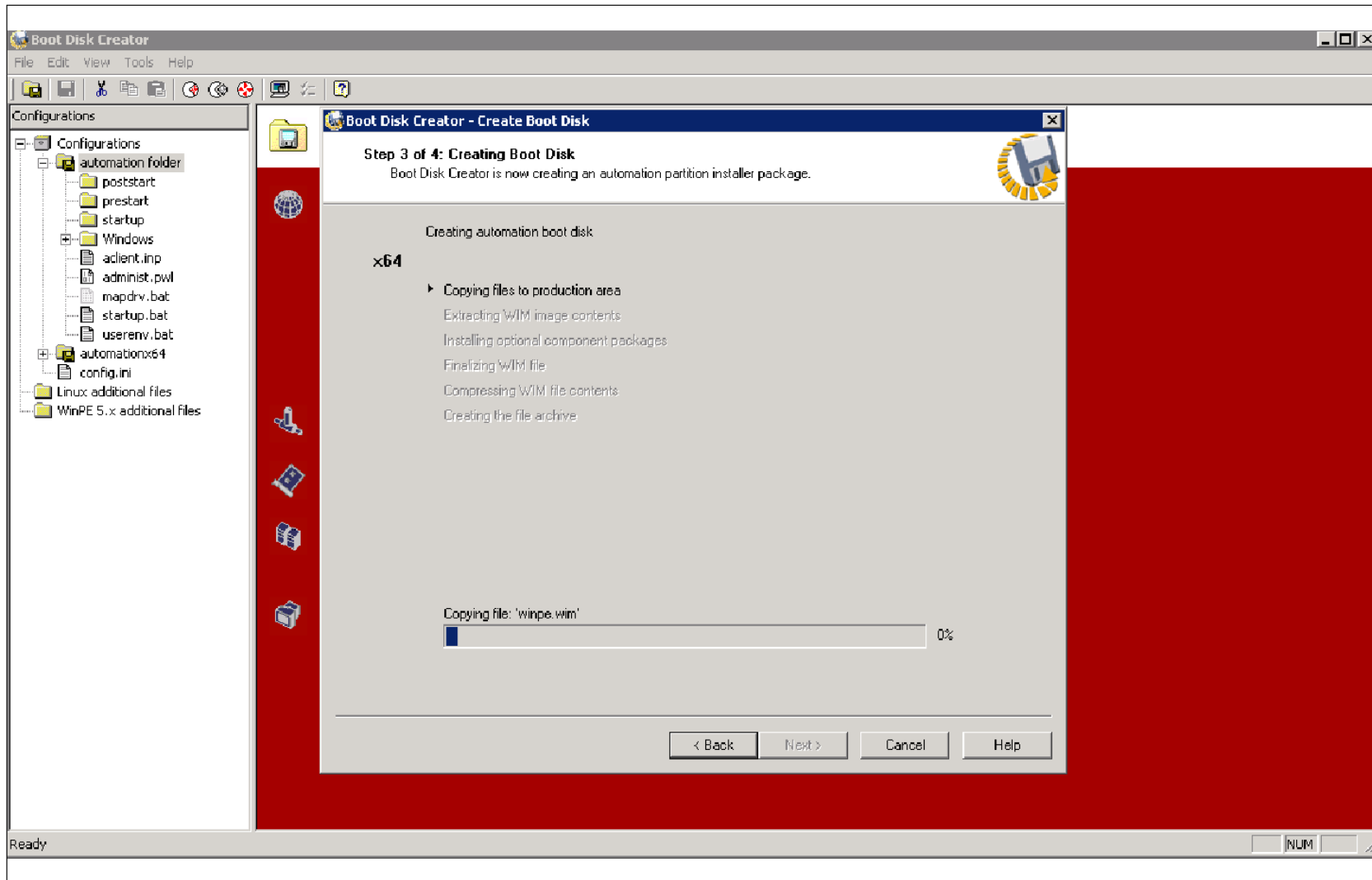
Slide 53



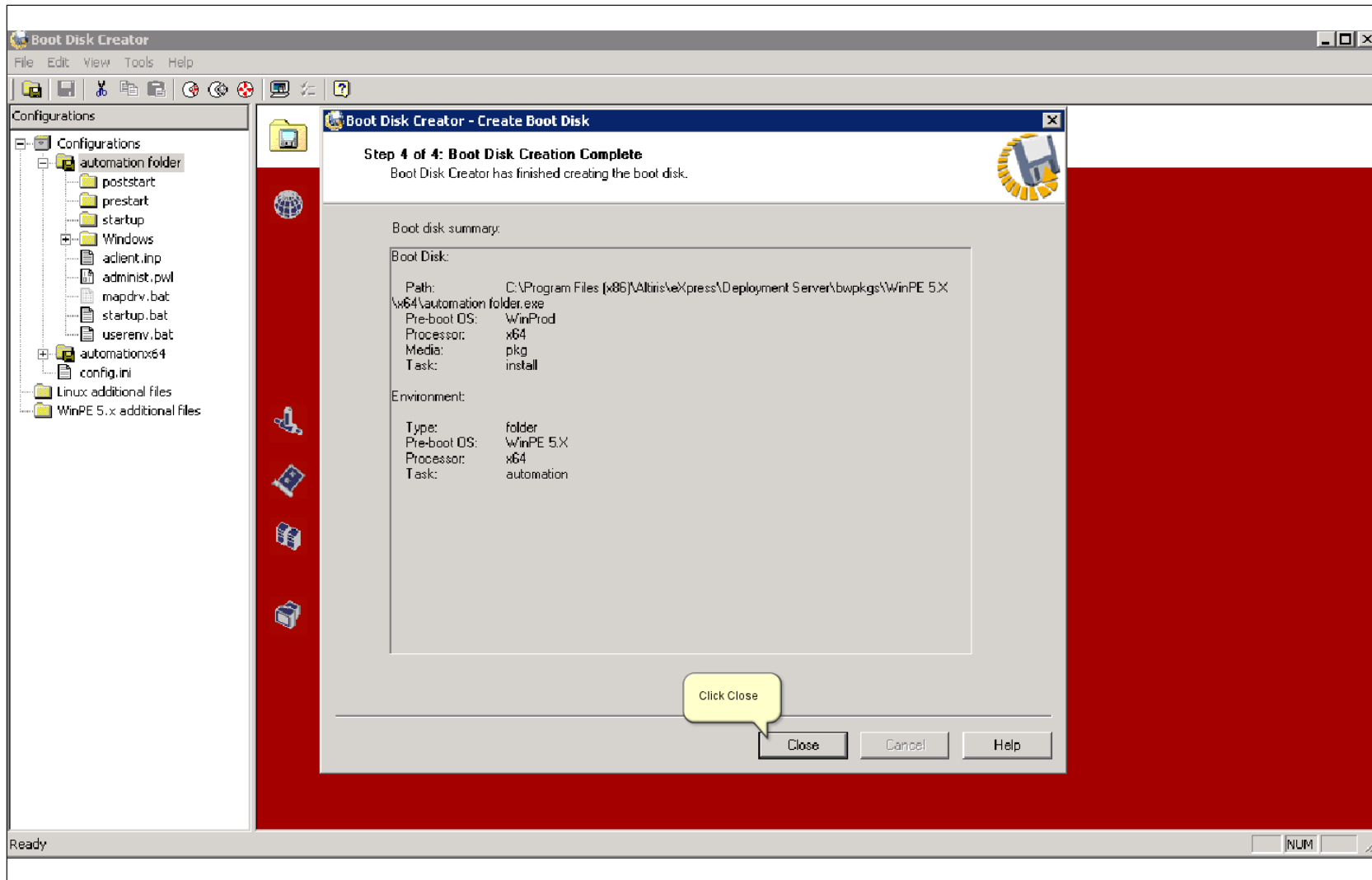
Slide 54



Slide 55



Slide 56



Slide 57

Configuring Ghost 3.0 HF4 for Imaging using an Automation Folder

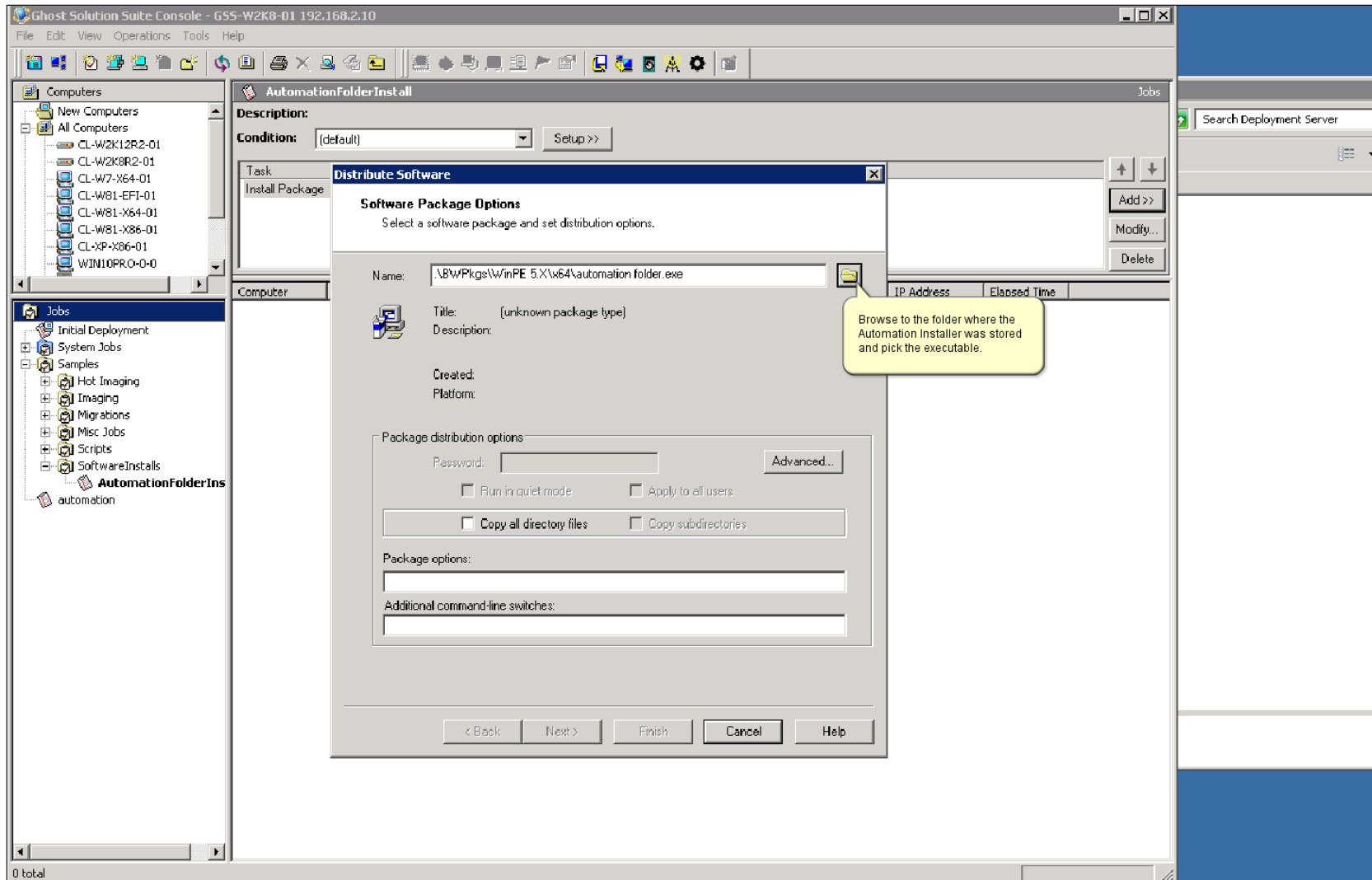
Step 2. Creating an Automation Folder
b) Distribute package Installer

Step 1. Create a Job for delivering the Automation Folder installation package.

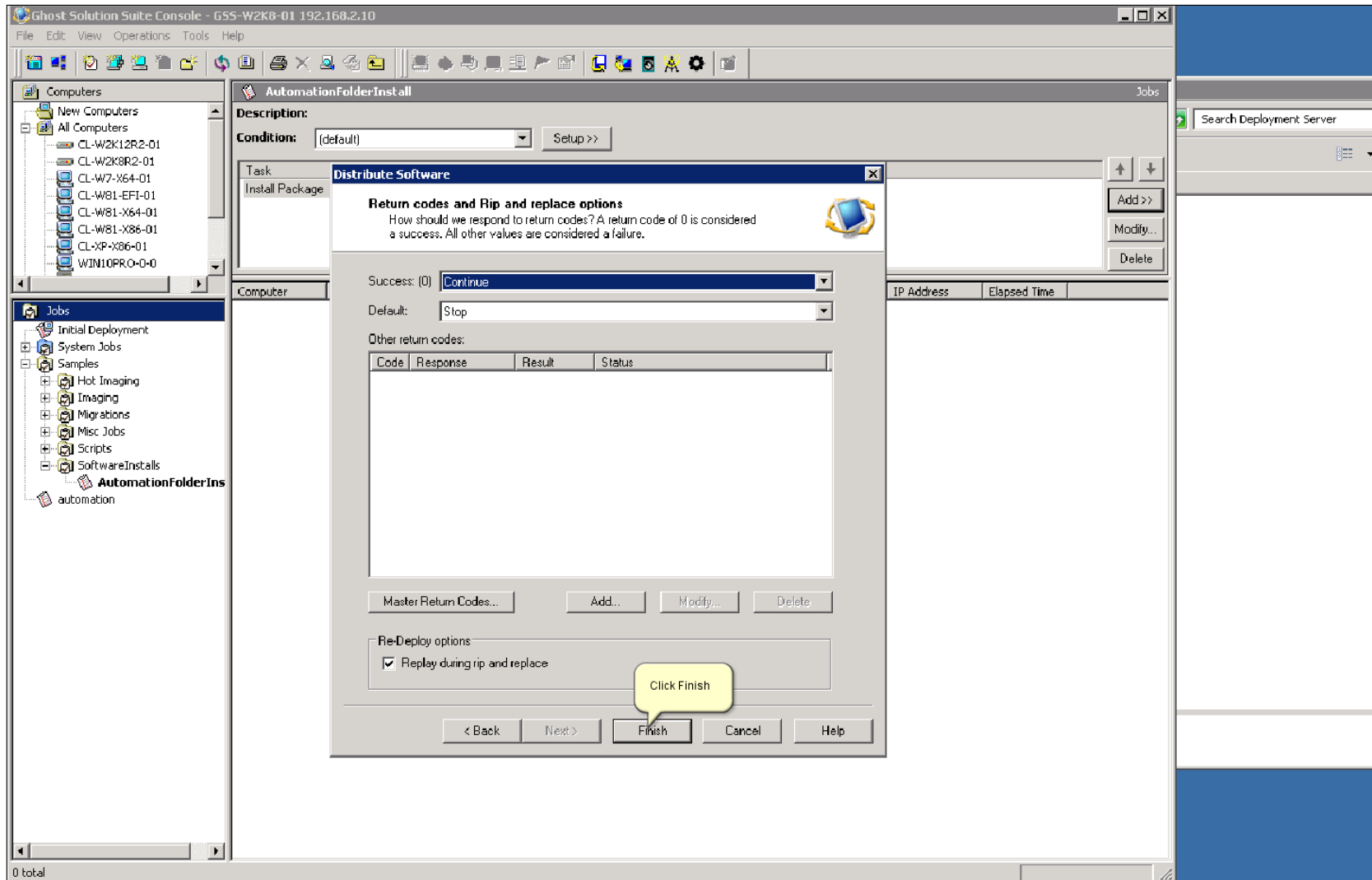
Step 2. Add the task Distribute Software

0 total

Slide 58



Slide 59

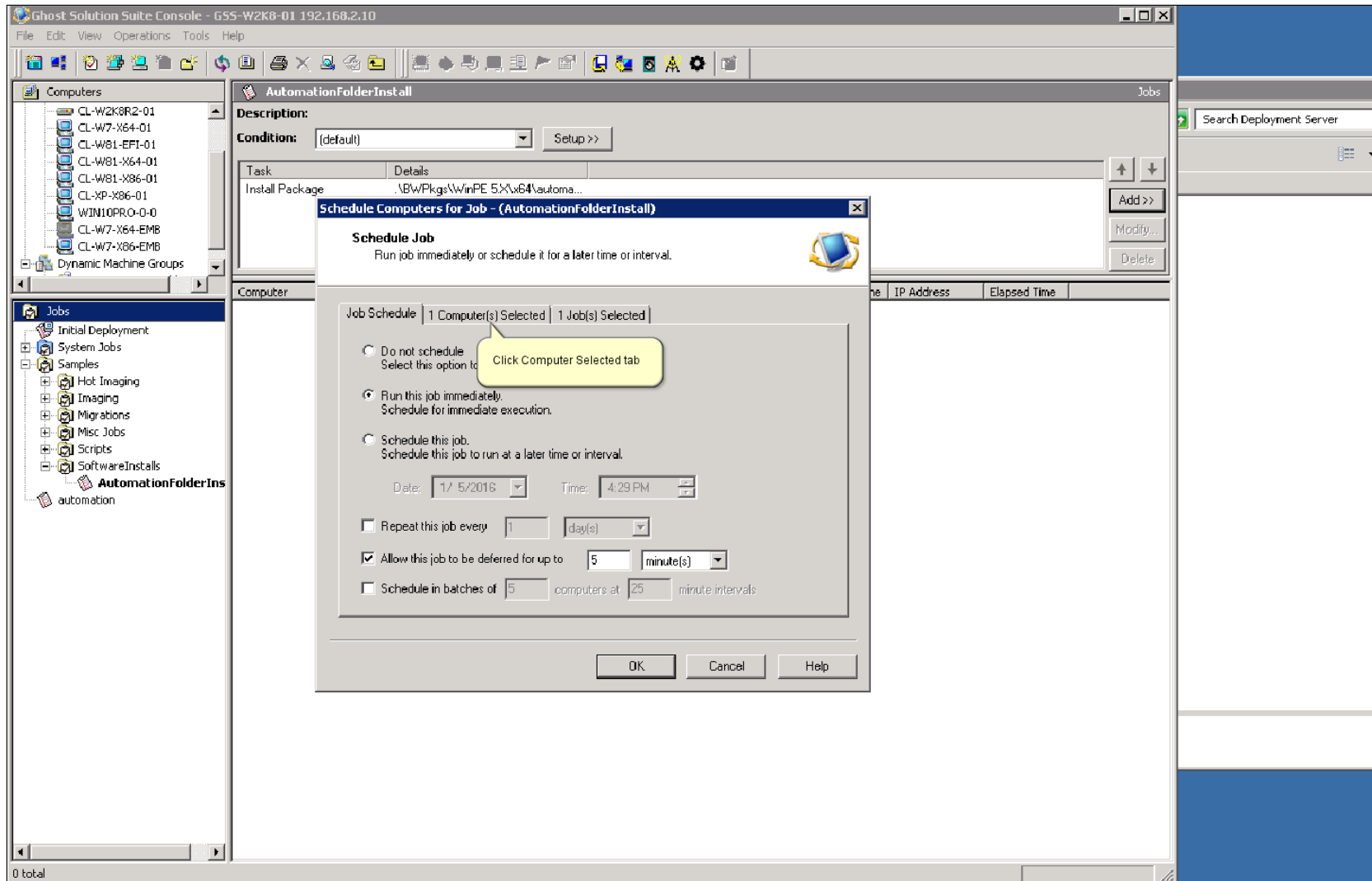


Slide 60

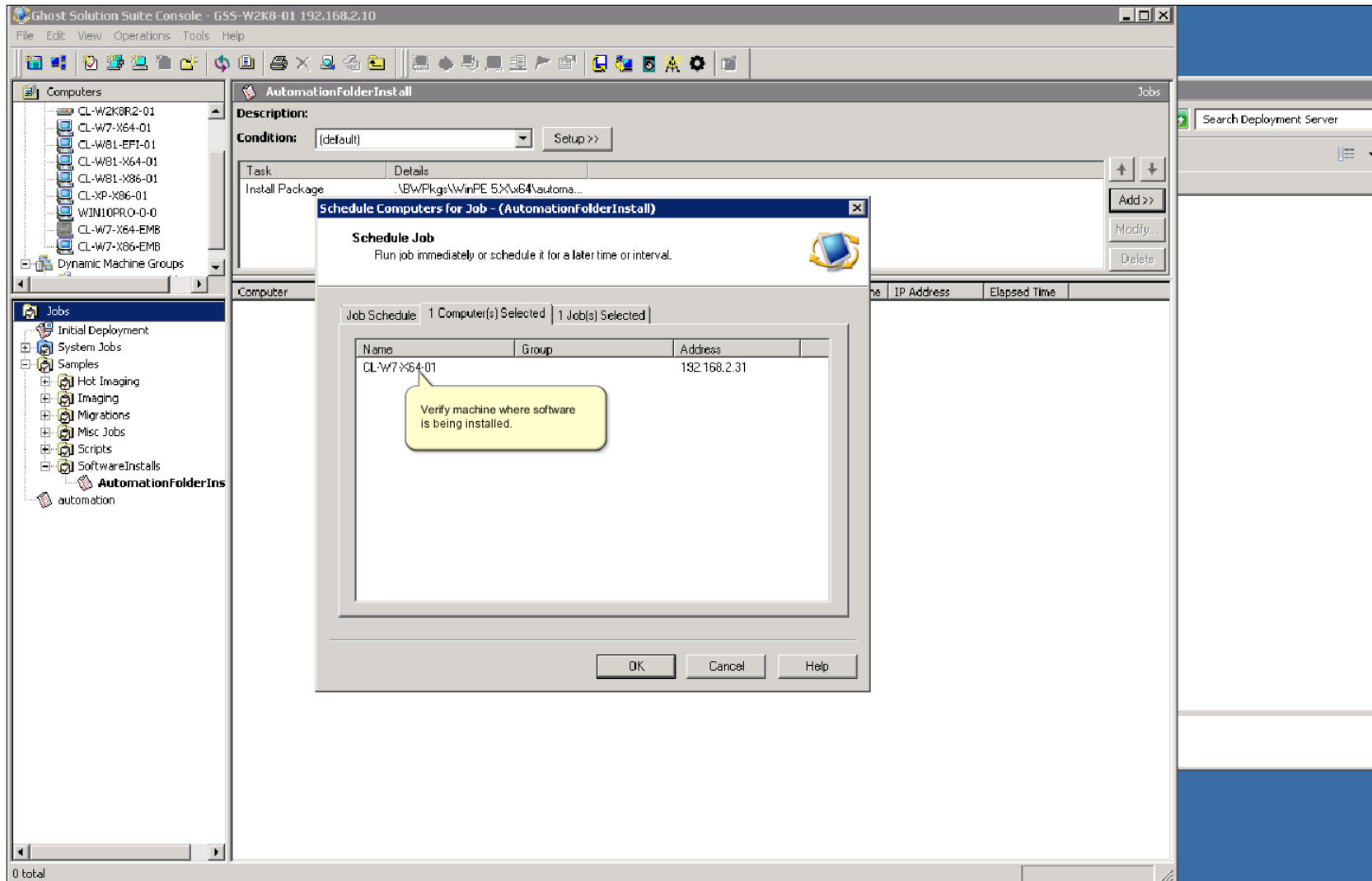
The screenshot shows the Ghost Solution Suite Console interface. The title bar reads "Ghost Solution Suite Console - G55-W2K8-01 192.168.2.10". The menu bar includes File, Edit, View, Operations, Tools, and Help. The left sidebar contains a tree view with "Computers" and "Jobs" sections. Under "Jobs", the "AutomationFolderInstall" job is selected. The main pane displays the "AutomationFolderInstall" job configuration. The "Description" tab is active, showing a "Condition" of "(default)" and a "Task" of "Install Package" with details "\BWPkgs\WinPE 5X\64\automa...". Below the configuration, a table lists the job details. A yellow callout box points to the "AutomationFolderInstall" job in the left sidebar, containing the text: "Drag and drop job to the machine to install Automation Folder package." The status bar at the bottom indicates "0 total".

Computer	Group	Scheduled At	Status	Condition	Computer Name	IP Address	Elapsed Time
0 total							

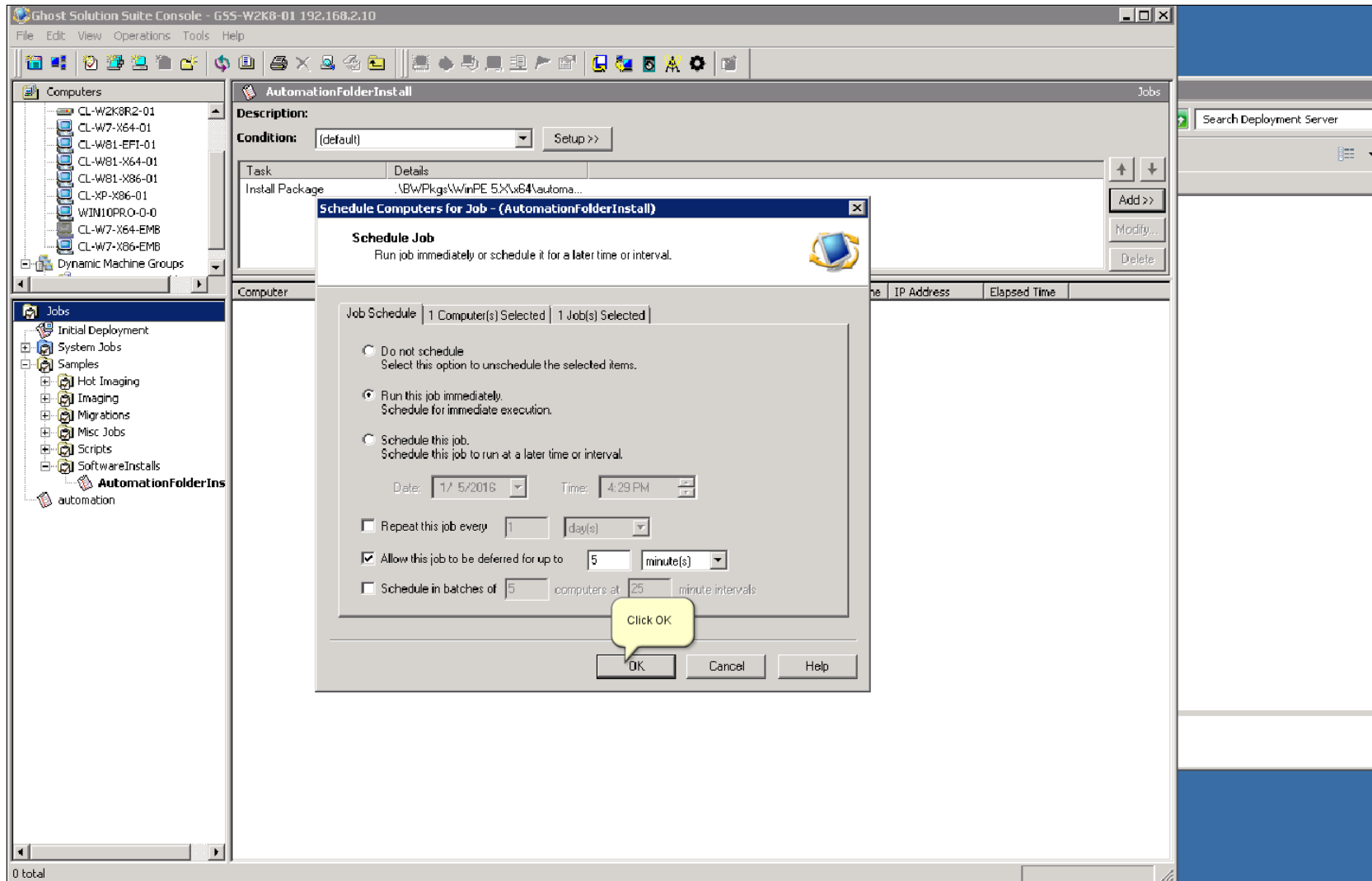
Slide 61



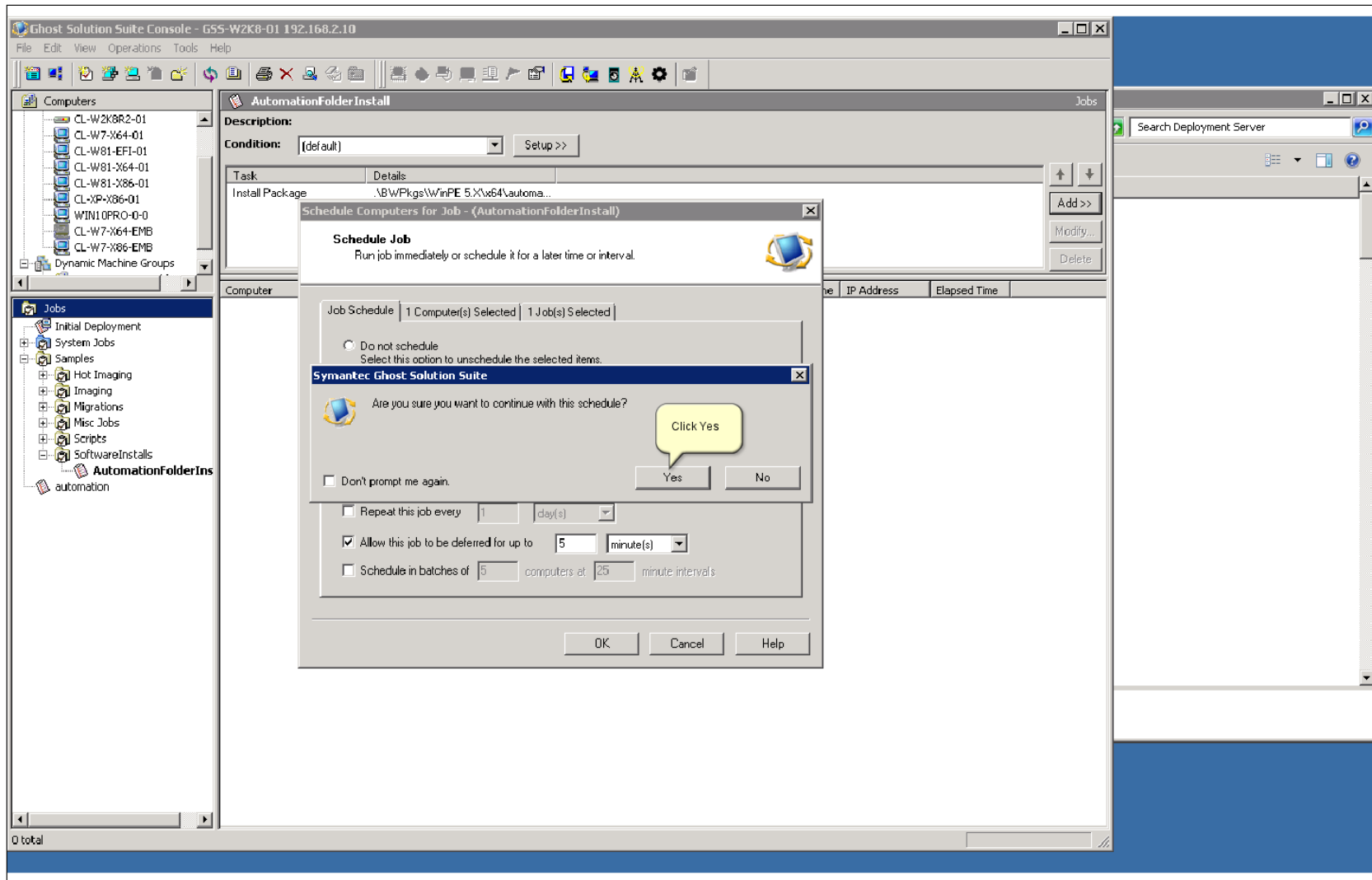
Slide 62



Slide 63



Slide 64



Slide 65

The screenshot shows the Ghost Solution Suite Console interface. The title bar reads "Ghost Solution Suite Console - GSS-W2K8-01 192.168.2.10". The menu bar includes File, Edit, View, Operations, Tools, and Help. The left sidebar shows a tree view with "Computers" and "Jobs". Under "Computers", several machines are listed, including "CL-W2K8R2-01", "CL-W7-X64-01", "CL-W81-EFI", "CL-W81-X", "CL-W81-X", "CL-W7-X64-EMB", and "CL-W7-X86-EMB". A yellow callout bubble points to the "CL-W7-X64-01" machine with the text "Click on the machine receiving the package". The main pane shows the "AutomationFolderInstall" configuration. The "Description" field is empty, and the "Condition" is set to "(default)". The "Details" field shows ".\BWPKgs\WinPE 5.X\X64\automa...". The "Jobs" pane on the right shows a list of jobs. The "Jobs" pane is expanded, showing a tree view with "Initial Deployment", "System Jobs", "Samples", "Hot Imaging", "Imaging", "Migrations", "Misc Jobs", "Scripts", "SoftwareInstalls", "AutomationFolderIns", and "automation". The "AutomationFolderIns" job is selected. The "Jobs" pane also shows a table with the following data:

Computer	Group	Scheduled At	Status	Condition	Computer Name	IP Address	Elapsed Time
CL-W7-X64...		1/5/2016 4:40 PM	Sending package '.\BWPK...	(default)			00:00:01

The status bar at the bottom indicates "1 total".

Slide 66

Ghost Solution Suite Console - GSS-W2K8-01 192.168.2.10

File Edit View Operations Tools Help

Computers

- CL-W2K8R2-01
- CL-W7-X64-01**
- CL-W81-EFI-01
- CL-W81-X64-01
- CL-W81-X86-01
- CL-XP-X86-01
- WIN10PRO-0-0
- CL-W7-X64-EMB
- CL-W7-X86-EMB
- Dynamic Machine Groups

CL-W7-X64-01

IP Address: 192.168.2.31 MAC Address: 0050560510D1
 OS: Windows 7 Processor type: x64 **Active**

Status: Received Inventory...

Job	Folder	Scheduled At	Status	Condition	Computer ...	IP Address	Elapsed Time
automation		10/29/2015 5:50 PM	Package installation compl...	(default)			00:01:01
AutomationFolderInstall	SoftwareIn...	1/5/2016 4:40 PM	Transferring file: 10% co...	(default)			00:00:07

Double Click on the job to check for installation status.

Jobs

- Initial Deployment
- System Jobs
- Samples
 - Hot Imaging
 - Imaging
 - Migrations
 - Misc Jobs
 - Scripts
 - SoftwareInstalls
 - AutomationFolderInstall
 - automation

2 total

Slide 67

The screenshot displays the Ghost Solution Suite Console interface. The main window shows the 'Computers' pane on the left with a tree view of various computers. The 'Jobs' pane on the right shows a list of jobs, including 'AutomationFolderInstall'. A 'Job Schedule Information' dialog box is open, displaying details for the 'AutomationFolderInstall' job on computer 'CL-W7-X64-01'. The dialog includes fields for 'Computer', 'Job', 'Scheduled at', 'Completed at', 'Current status', and 'User'. A 'Task progress' table is also shown, listing the 'Install Package' task. A yellow callout bubble points to the 'Install Package' task in the table.

Job Schedule Information

Computer: CL-W7-X64-01
 Job: AutomationFolderInstall
 Scheduled at: 1/5/2016 4:40:00 PM
 Completed at:
 Current status: Transferring file: 80% complete...
 User:

Task	Details
Install Package	.\BW\Pkgs\WinPE 5.X\w64\auto...

Dependent schedule: Clear ...

Change Schedule... Status Detail... OK Cancel

Slide 68

The screenshot displays the Ghost Solution Suite Console interface. The main window shows the 'Computers' pane on the left with a list of machines, including 'CL-W7-X64-01'. The central pane displays details for this computer, including its IP address (192.168.2.31), MAC address (0050560510D1), OS (Windows 7), and processor type (x64). A table lists the jobs scheduled for this computer, with 'AutomationFolderInstall' being the selected job. A 'Job Schedule Information' dialog box is open, showing details for this job, including its scheduled time (1/5/2016 4:40:00 PM) and current status (Transferring file: 80% complete...). The dialog box also shows a task progress table with one task, 'Install Package', which is currently running. A yellow callout bubble points to the 'Status Detail...' button in the dialog box, with the text 'Checking package installation details'.

Job Schedule Information

Computer: CL-W7-X64-01
 Job: AutomationFolderInstall
 Scheduled at: 1/5/2016 4:40:00 PM
 Completed at:
 Current status: Transferring file: 80% complete...
 User:
 Task progress:

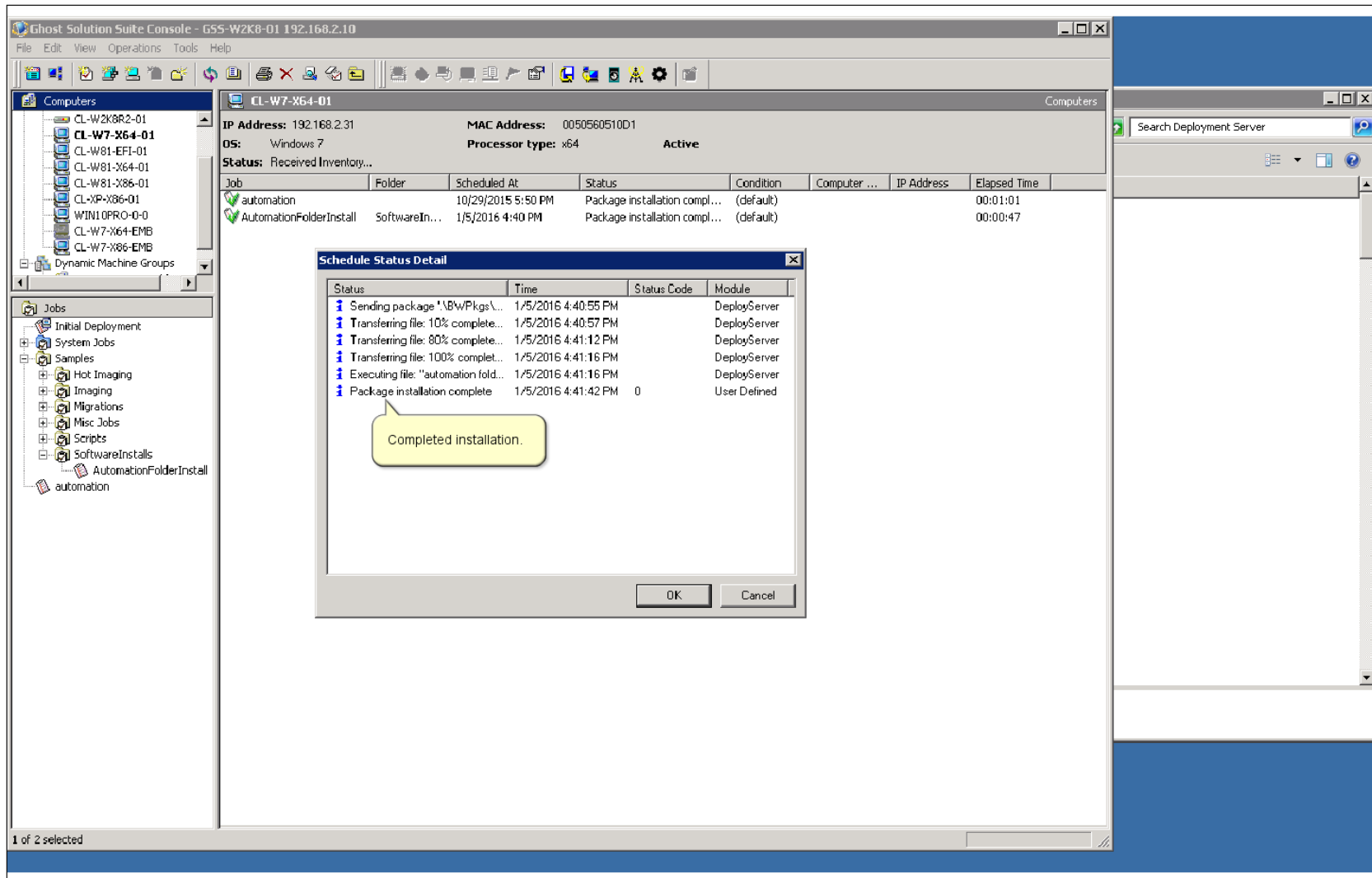
Task	Details
Install Package	.\BW\Pkgs\WinPE 5.X\X64\auto...

Dependent schedule: Clear ...

Change Schedule... Status Detail... OK Cancel

Checking package installation details

Slide 69



Ghost Solution Suite Console - GSS-W2K8-01 192.168.2.10

File Edit View Operations Tools Help

Computers

- CL-W2K8R2-01
- CL-W7-X64-01**
- CL-W81-EFI-01
- CL-W81-X64-01
- CL-W81-X86-01
- CL-XP-X86-01
- WIN10PRO-0-0
- CL-W7-X64-EMB
- CL-W7-X86-EMB
- Dynamic Machine Groups

Jobs

- Initial Deployment
- System Jobs
- Samples
 - Hot Imaging
 - Imaging
 - Migrations
 - Misc Jobs
 - Scripts
 - SoftwareInstalls
 - AutomationFolderInstall
 - automation

CL-W7-X64-01

IP Address: 192.168.2.31 MAC Address: 0050560510D1

OS: Windows 7 Processor type: x64 Active

Status: Received Inventory...

Job	Folder	Scheduled At	Status	Condition	Computer ...	IP Address	Elapsed Time
automation		10/29/2015 5:50 PM	Package installation compl...	(default)			00:01:01
AutomationFolderInstall	SoftwareIn...	1/5/2016 4:40 PM	Package installation compl...	(default)			00:00:47

Schedule Status Detail

Status	Time	Status Code	Module
Sending package '\\BWPKgs\...	1/5/2016 4:40:55 PM		DeployServer
Transferring file: 10% complete...	1/5/2016 4:40:57 PM		DeployServer
Transferring file: 80% complete...	1/5/2016 4:41:12 PM		DeployServer
Transferring file: 100% complete...	1/5/2016 4:41:16 PM		DeployServer
Executing file: "automation fold...	1/5/2016 4:41:16 PM		DeployServer
Package installation complete	1/5/2016 4:41:42 PM	0	User Defined

Completed installation.

OK Cancel

1 of 2 selected