

Dell Reseller Option Kit Important Information



Notes, Cautions, and Warnings



NOTE: A NOTE indicates important information that helps you make better use of your computer.



CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.



WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

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Overview

Dell Reseller Option Kit (ROK) is a standalone Dell-branded operating system kit. It is offered in the following editions:

- Microsoft Windows Server 2012
- Microsoft Windows Small Business Server 2011
- Microsoft Windows Server 2008 R2
- Microsoft Windows Server 2008

 **NOTE:** The ROK is offered only on certain editions of Windows Server 2012, Windows Server 2008, and Windows Server 2008 R2 operating systems.

 **NOTE:** The ROK is supported only in English, French, German, Spanish, and Simplified Chinese.

Installing The Operating System

 **NOTE:** You can install the ROK media only on Dell systems and virtual machines (VMs) hosted on Dell systems. If you try to install the Windows Server operating system on a non-Dell physical system or on a VM hosted on a non-Dell system, the installation fails and the system verification failure message is displayed.

 **NOTE:** Windows Server operating systems can only be installed on certain Dell systems. For a list of the Dell-supported systems and operating system combinations, see *Operating System Support Matrix for Dell PowerEdge Systems* at dell.com/ossupport.

Windows Server 2012

Dell offers a multilingual Windows Server 2012 media from which you can choose the operating system language you wish to install.

 **NOTE:** The Operating System is offered on a separate media for Simplified Chinese.

To install Windows Server 2012 using ROK media on a Dell system, see *Installation Instructions and Important Information Guide for Windows Server 2012* at dell.com/ostechsheets.

To activate the operating system, see the *Dell OEM Windows Server Media—Operating System Activation Guide* at dell.com/ostechsheets.

For additional information and known issues for Windows Server 2012 on Dell servers, see the *Important Information Guide for Windows Server 2012* at dell.com/ostechsheets.

Windows Small Business Server 2011

To install Windows Small Business Server 2011 using ROK on a Dell system, see the *Microsoft Windows Small Business Server 2011 for Dell PowerEdge Systems—Installation Guide* at dell.com/ostechsheets.

Windows Server 2008 R2

To install Windows Server 2008 R2 using ROK on a Dell system, see *Microsoft Windows Server 2008 R2 for Dell PowerEdge Systems—Installing Microsoft Windows Server 2008 R2* at dell.com/ostechsheets.

To activate the operating system, see the *Microsoft Windows Server 2008 Activation Guide* at dell.com/ostechsheets.

Windows Server 2008

To install Windows Server 2008 using ROK on a Dell system, see *Microsoft Windows Server 2008 for Dell PowerEdge Systems—Installing Microsoft Windows Server 2008* at dell.com/ostechsheets.

To activate the operating system, see the *Dell OEM Windows Server Media—Operating System Activation Guide* at dell.com/ostechsheets.

Important Information

Systems With PERC S100 Require S100 Drivers During Operating System Installation

- Description** The system goes into a reboot loop when you install the Windows Server operating system using the ROK media or the Dell Unified Server Configurator (USC), on the PowerEdge RAID Controller (PERC) S100.
- Workaround** Use either the Dell Systems Build Update Utility (SBUU) or the external USB-DVD drive to install the operating system.
-  **NOTE:** This issue is fixed with Windows Small Business Server 2011 and Windows Server 2008 R2 SP1. A message may appear requesting you to install the driver, since the S100 driver is not available with these operating systems. Download and use the latest driver from support.dell.com.
 -  **NOTE:** Dell software RAID S100 and S300 are not supported on Windows Server 2012.

Repairing Windows Server 2008 R2 SP1 When Using The Simplified Chinese ROK Media

- Description** When using the Simplified Chinese ROK media for Windows Server 2008 R2 SP1, the media skips the **Install Now** screen that contains the option **Repair your computer**.
- Workaround**
1. Use the installation media to start the computer and run the Windows Server 2008 R2 SP1 setup.
 2. On the **Language, Time & currency and Keyboard** window, press <Shift> <F10> to open a command prompt.
 3. Type the following commands to start Windows Recovery Environment and press <Enter> after each command:
- ```
cd /d %systemdrive%\sources\recovery RecEnv.exe
```
-  **NOTE:** You can also repair your computer by pressing <F8> just after POST to get to the recovery screen.
  -  **NOTE:** For more information, see the Microsoft knowledge base article [951495](http://support.microsoft.com) at [support.microsoft.com](http://support.microsoft.com).

### Preparing The Hypervisor For Using The ROK Media On A Dell System

- Description** Operating system installation on a Virtual Machine (VM) hosted on a Dell system fails when the hypervisor is not prepared to support the installation.

## Workaround

To resolve the issue and prepare your hypervisor, follow the procedures given below depending on the hypervisor you are using.



**NOTE:** Ensure that you perform the following procedures on the system that hosts the VM.

To prepare your ESX/ESXi hypervisor for using ROK media:

1. Go to `/vmfs/volumes/<datastore name>/<VM name>/<VM name>`.
2. Open the vmx file in an editor and add the following line:

```
smbios.reflectHost = TRUE
```



**NOTE:** Ensure that you edit the **vmx** file for every VM that you create.

To prepare your Microsoft hypervisor for using ROK media:

1. Insert the ROK media and go to `<DVD drive>\ROK`.
2. Run **hyperv\_prep.vbe** on the Windows Server operating system running Hyper-V and follow the instructions on the screen.



**NOTE:** If you are running the utility on Microsoft Hyper-V Server 2008 or Hyper-V Server 2008 R2, type `cscript hyperv_prep.vbe` in the command prompt.

To prepare your *Citrix XenServer hypervisor* for using the ROK media, ensure that the XenServer version is 5.5 or later.

## Running hyperv\_prep.vbe Fails

### Description

Running **hyperv\_prep.vbe** from the ROK media fails on a Windows Server operating system and an error message is displayed.

### Workaround

Ensure that:

- The Windows Server operating system supports the Hyper-V role.
- The Hyper-V role is enabled on your system. If not, enable the role and proceed with the installation.