

HP-UX 11iv2/v3 Support for iLO/vMedia and USB Devices

April 22, 2010



Supported vMedia Functionality

HP-UX 11iv2 and 11iv3 support the use of iLO/vMedia for optical devices and for ISO images. vMedia can be used to install HP-UX from a remote DVD or for read-only post installation DVD related tasks such as application installation. vMedia support on HP-UX is limited to the platforms and operating system versions outlined below.

Supported Platforms

Use of iLO/vMedia is supported on the following platforms:

- Any system with Integrated Lights-Out 3
- HP Integrity BL860c blade
 - directly: both in HP BladeSystem c7000 and HP BladeSystem c3000
 - through Onboard Administrator with OA firmware version 2.10 or later and iLO firmware version T.02.XY and later: both in HP BladeSystem c7000 (with an external DVD) and HP BladeSystem c3000 (with the optional internal DVD)
- HP Integrity rx2660 server
- HP Integrity rx3600 server
- HP Integrity rx6600 server
- HP Integrity rx7640 server (with HP Lights out advanced KVM card – AD307A)
- HP Integrity rx8640 server (with HP Lights out advanced KVM card – AD307A)
- HP Integrity Superdome servers using the sx2000 chipset (with HP Lights out advanced KVM card – AD307A)

Note: The recommended iLO firmware version for the rx2660, rx3600, and rx6600 is F.01.58 or later.

Supported Operating System Versions

The following patches provide the most complete iLO/vMedia support:

- PHKL_39820 (or newer) for 11iv3
- PHKL_39269 (or newer) for 11iv2

Limited iLO/vMedia support is also enabled by the following HP-UX releases:

- HP-UX 11iv3 OE Update for September 2007
 - see “11iv3 OE Update for September 2007 Note” below
- HP-UX 11iv2 OE Update for December 2007
- HP-UX 11iv2 OE Update for June 2007
 - On some hardware configurations, HP-UX operating system installation using iLO/vMedia may halt after the install kernel has booted and state that it could not find the source device. If that happens, the installation will not succeed and the customer must use the HP-UX 11iv2 OE Update for December 2007 instead. If the install kernel does find the source device, then the installation will proceed as normal to completion.

General Limitations

The iLO/vMedia solution transfers are constrained by the data path through the iLO hardware and firmware stack. If data transfer performance is critical, HP recommends ordering factory installation, using network installation, or using a directly attached drive.

The iLO/vMedia solution is a read only solution for optical devices. DVDs cannot be written using this interface.

HP-UX does not currently support the vFlash or vFloppy functionality over iLO/vMedia.

USB-OO version C limitations

The USB-OO driver version C does not support the virtual keyboard, video, and mouse (vKVM) iLO functionality. To enable this functionality using 11iv2, install version D of the driver and PHKL_39269. To enable this functionality using 11iv3, install version D of the driver and PHKL_39820.

HP-UX 11iv3 OE Update for September 2007 Note

When using HP-UX 11iv3 OE Update for September 2007 for HP-UX operating system installation over iLO/vMedia, the installation may halt after the install kernel has booted and display the message:

WARNING: Could not find source device in ioscan output. You must select from the list of devices below to use for the source device:

You will see a list of devices, followed by the message:

Enter the index corresponding to the device to use as the installation source, 'r' to rescan, or 'q' to reboot:

If a device with the description "USB_SCSI_Stack_Adaptor" is listed, select that index to proceed.

If such a device is not listed, enter "r" in order to perform a rescan. That will print out an updated list of devices. In that updated list, you should see a device with the description "USB_SCSI_Stack_Adaptor". Select that index to proceed with installation.

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