Using the Virtual Media function on iDRAC 6, 7 and 8

This article provides information about the Virtual Media function of the integrated Dell Remote Access Controller (iDRAC) in version 6, 7 and 8. It allows the usage of software image files (ISO-files), which can be used for installing operating systems or updating servers.

Note: With iDRAC7 firmware version 1.30.30 the interface changed from old (iDRAC6-style) to new (iDRAC8-style)

Note: Virtual Media is only available for integrated Dell Remote Access Controllers (iDRAC) with an Enterprise license (iDRAC 7+8) or module (iDRAC 6).

Additional Information:

If you want to update your server via this function, choose the matching bootable image (ISO-file) for your server from this article (//www.dell.com/support/article/SLN296511).

The virtual media allows to see the video output like if a screen were directly attached to the server. The local mouse and keyboard are also working in the virtual media session. It acts like a KVM

❯ Virtual Media function on iDRAC 6 and iDRAC 7 (old firmware)

⌄ Virtual Media function on iDRAC 7 (new firmware) and iDRAC 8

1. Open the **Virtual Console** from iDRAC webinterface. Click on **Virtual Media** and choose **Connect Virtual Media** for activating the function.
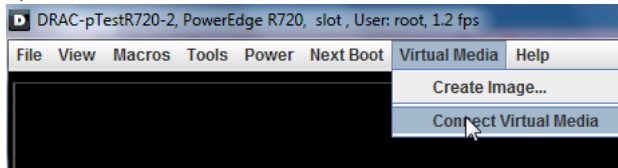

Figure 6: Connect Virtual Media

Example with Map CD/DVD
Example with Map Removable Disk (USB key mapping)

Example with Map CD/DVD

1. Click on **Virtual Media** and select the device you want to pass through. In this example we choose **Map CD/DVD** for the usage of an image (ISO-file).
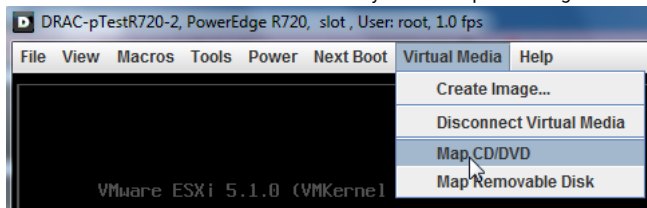

Figure 7: Select Media

2. Select the drive of the local system or the image file you want to pass through by clicking on **Browse**.
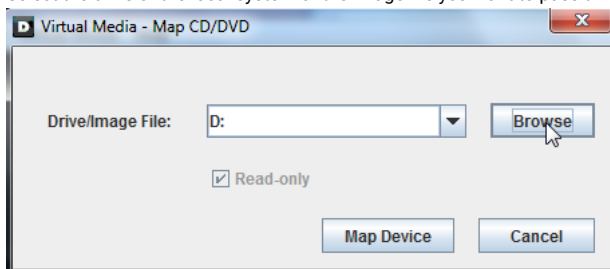

Figure 8: Select source

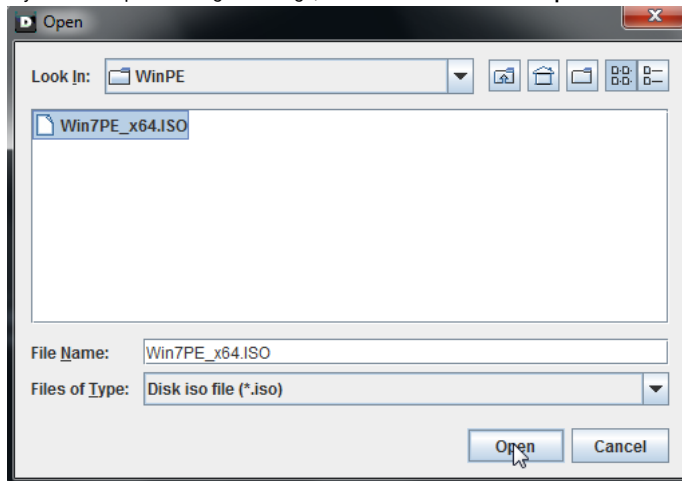3. If you want to pass through an image, select the file and click on **Open**.

Figure 9: Select file

4. Click on **Map Device** for finishing the source selection. The selected device is now visible in the Operating System and can be used as boot source if supported.
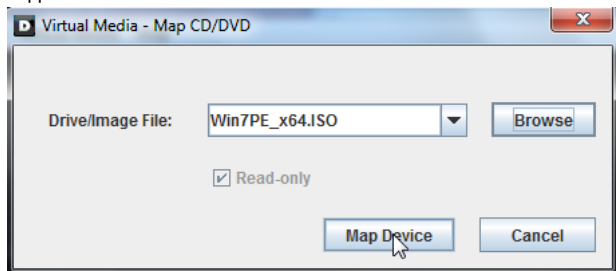

Figure 10: Mapping the source device

5. For booting from the selected device you can click on **Next Boot** and choose **Virtual CD/DVD/ISO**. After a restart the server will start from this source automatically.
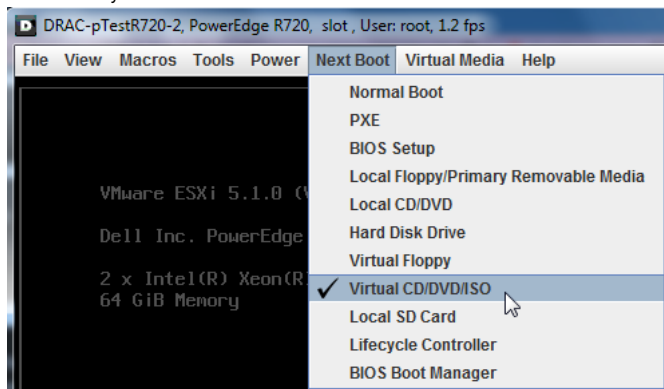

Figure 11: Next Boot selection

Example with USB key mapping

ℹ️ **Note:** USB Drive mapping requires the use of Java connection mode.

Mapping a Removable Disk allows to mount a USB key on the remote server and use the files.

1. Click on **Virtual Media** and select the device you want to pass through. In this example we choose **Map Removable Disk**
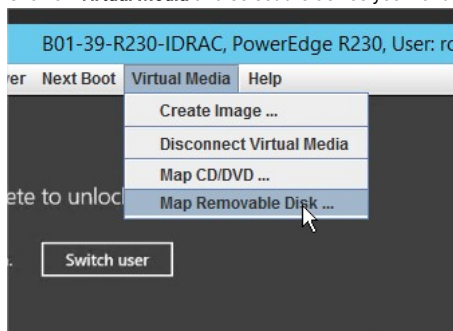

Figure 7: Select Media

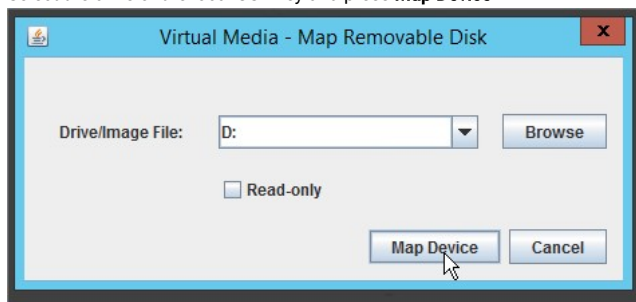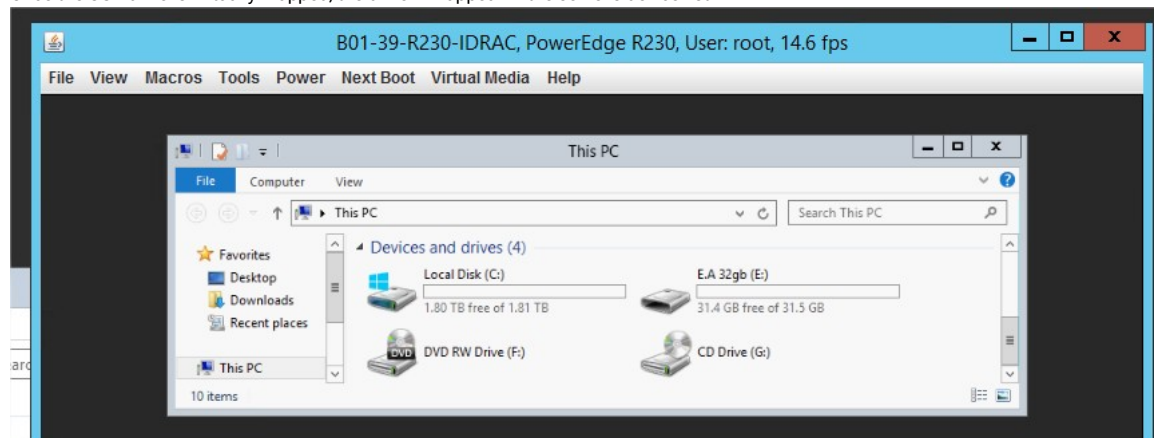2. Select the drive of the local USB key and press **Map Device**

Figure 8: Select USB drive

Once the USB drive is virtually mapped, the drive will appear in the server's device list.

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Create an online support **Request (//www.dell.com/support/incidents-online/case)**

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