

Injecting (Slipstreaming) HPE Marvell Drivers into Windows Server Image Files

Products Affected

HPE® Marvell® FastLinQ® 530, 533, 534, 536, 630, CN1100R, 2820C, 3820C 10Gb Ethernet Adapters
HPE Marvell FastLinQ 52x, 62x, CN1200R, CN1300R 10/25Gb Converged Network Adapters
HPE Marvell FastLinQ 4820C, 6810C, 10/20/25/50Gb Ethernet Adapters

1 Introduction

This application note describes how to inject (*slipstream*) HPE Marvell FastLinQ drivers into Microsoft® Windows Server® 2008/2008, R2/2012/2012, and R2/2016/2019 image files.

The drivers are slipstreamed into the operating system (OS) through the following procedures:

- [Getting the Driver and ADK](#)
- [Extracting the Driver Package](#)
- [Slipstreaming the Drivers](#)

2 Prerequisite

Before slipstreaming the driver, ensure that your system has enough available disk space. Slipstreaming operation requires free disk space that is twice the OS installation media size.

3 Getting the Driver and ADK

To obtain the driver and the Windows Assessment and Deployment Kit (ADK):

1. Locate the correct version of HPE Marvell FastLinQ Windows driver by doing one of the following:
 - Locate the latest driver package on the release CD.
 - Search for your adapter on the www.HPE.com Web Site and select the package for the appropriate OS version.

2. Download the ADK for Windows from <https://developer.microsoft.com/en-us/windows/hardware/windows-assessment-deployment-kit>
Use the ADK version that is specific to the Windows Server version for which slipstreaming will be performed:
 - Windows ADK v10 (or later)—Windows Server 2016 and later
 - Windows ADK v8.1—Windows Server 2012 R2 and earlier

4 Extracting the Driver Package

After [Getting the Driver and ADK](#), you must extract the driver from the driver package.

To extract the drivers:

1. Double-click the HPE SPP containing the relevant drivers.
The Package Setup window displays. See [Figures 4-1](#) and [4-2](#) for examples.

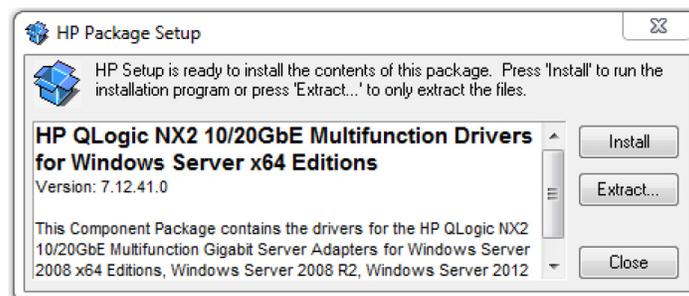


Figure 4-1. 53x/63x/2820C/3820C/CN1100R Package Setup Window

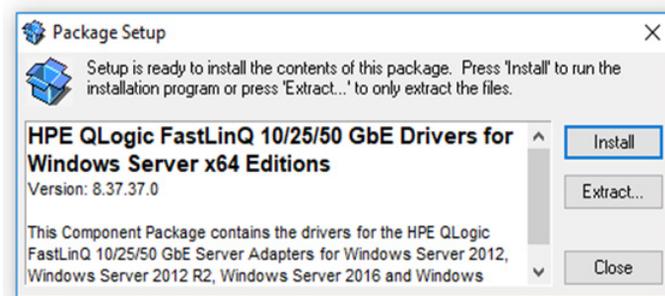


Figure 4-2. 52x/62x/4820C/6820C/CN1200R/CN1300R Package Setup Window

2. Click **Extract**.
3. Enter the location where the files will be extracted, for example, `c : \Temp`.
The extracted files will be available in the location specified in [Step 3](#).

5 Slipstreaming the Drivers

After [Extracting the Driver Package](#), perform the following steps.

To slipstream the drivers:

1. Install the Windows ADK on a supported computer.
For *best practices*, use the default installation folder.
2. From the Start menu, open the **Deployment and Imaging Tools Environment** link.



Ensure that the Deployment and Imaging Tools Environment is compatible with the Windows Server version for which slipstreaming is being performed.

3. Navigate to the folder on the release CD containing the `slipstream.bat` script file.
4. Execute the script file by issuing the following command:

```
slipstream.bat <DriveLetter> <Path>
```

where

<DriveLetter> Points to the root drive where the OS installation media is available/mounted

<Path> Points to the sub-folder (under the extracted folder in [Step 3 in Extracting the Driver Package](#)) containing the platform-specific drivers.

For example:

```
Slipstream.bat H "C:\Temp"
```



The OS installation media must be available as a local drive. Network paths for OS installation media are not supported.

The script injects the driver components in all the SKUs that are supported by the OS installation media.

After the script completes execution, the .iso file is generated and located in the current folder (from where the script was executed).

5. Burn the .iso file to a DVD using a DVD-burning application.
6. Install the applicable Windows Server OS version using the new DVD or .iso file.

Document Revision History
May 10, 2019
January 15, 2021
Changes
Re-branded to Marvell. No technical changes.

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