Technical Documentation

Hewlett Packard Enterprise

HPE Synergy Image Streamer Documentation to load driver on SLES12 for HPE Virtual Connect SE 100Gb F32 Module & HPE Synergy 50Gb Interconnect Link Module

Edition: 1
Published: June 2019

Technical Documentation

Hewlett Packard Enterprise

Notices

The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty.

Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein. Confidential computer software. Valid license from Hewlett Packard Enterprise required for possession, use, or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

Links to third-party websites take you outside the Hewlett Packard Enterprise website. Hewlett Packard Enterprise has no control over and is not responsible for information outside the Hewlett Packard Enterprise website.

Table of contents

1 How to inject drivers during installation of SLES12 on Synergy Image Streamer

1.1 Introduction

This document is intended to describe how to inject additional drivers which are not included in the native OS iso. For example, newer Gen10 blades will have new CNA cards 4820C and 6820C. Drivers for these are not included in the already released version of OS.

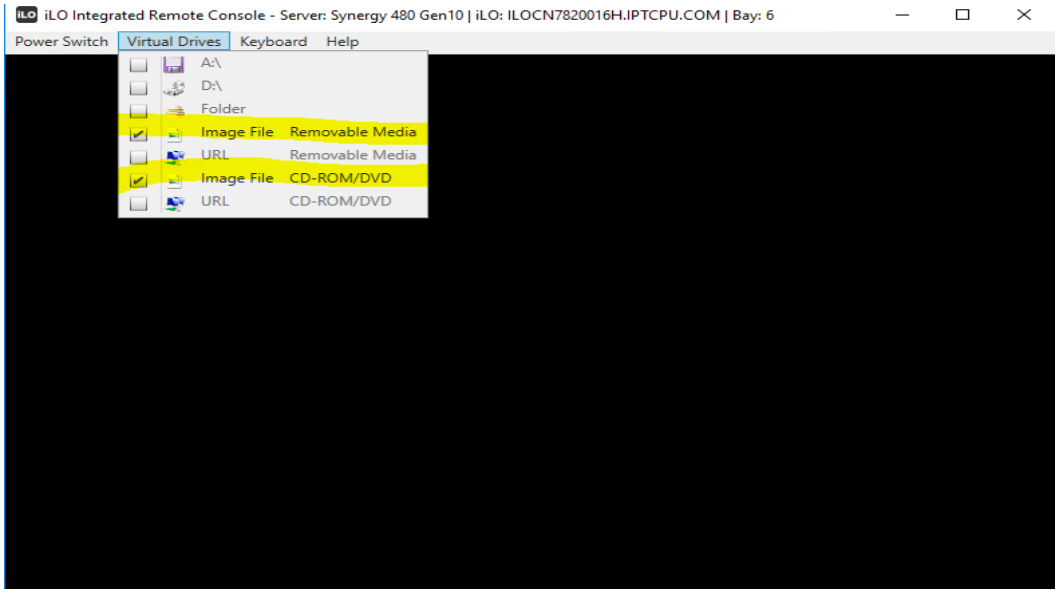
1.2 Steps to inject drivers during installation of SLES12

Following are the steps to be followed to inject the drivers during installation of SLES12, along with the screenshots for reference.

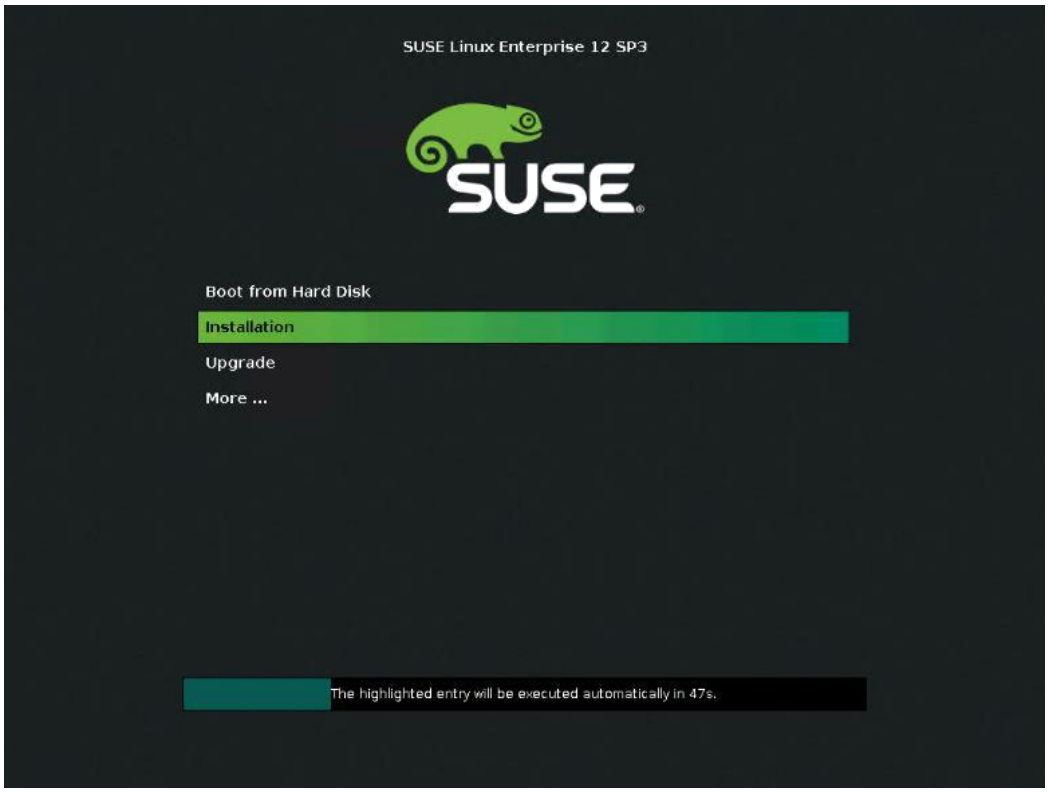
1. For additional drivers to be installed along with the OS installation, the driver update disks (DUDs) are required.

2. Rename the iso file to img file so that it can be mounted as image file along with OS iso. For example, rename *fastlinq-8.38.5.0-dd-rhel7u6-3.10.0_957.el7-x86_64.iso* to *fastlinq-8.38.5.0-dd-rhel7u6-3.10.0_957.el7-x86_64.img*

3. Use the iLO remote console to mount OS iso to “Image File CD-ROM/DVD” and Driver DUD img file to “Image File Removable Media”



4. Reboot the server to start installation.
5. Press F11 to get to boot menu and boot from virtual CD/DVD.
6. Installation will begin.



7. Press “e” and modify the kernel option like below.

8. Press Ctrl+x and continue with installation and other configuration options.
9. Refer to GitHub README for latest configuration steps for SLES12, to create the golden image compatible with latest artifact bundle - HPE-SLES12-EFI-2019-06-16-v5.0.zip.