

# Installation kit for HPE Apollo 70 systems

## Description

This installation kit is designed for use with HPE Apollo 70 systems and contains a kernel update that resolves the following issue that prevents installation using the stock installation media:

- 2nd PCI host Bridge not detected on B0 systems

The kernel update is used during initial boot and installation and will be installed on the target system.

## Platform

SUSE Linux Enterprise Server 12 Service Pack 3

## Architecture

aarch64

## Installation

### Media installation

1. Burn the ISO image above to an empty CD/DVD media.
2. Start the installation using the new CD/DVD media, having the standard SUSE Linux Enterprise media at hand or a URL to a network installation server.
  - If doing a network install, enter the URL of the network install source on the boot command line using the 'install=' option.
  - If doing installation from optical media the installer will first boot from the driver kit and then ask to insert CD1 of the SUSE Linux Enterprise product.
3. An initrd containing updated drivers will be used for installation.

### PXE boot installation

1. Download the ISO image above.
2. Mount the ISO image for access to the contents.

3. Copy the kernel and initrd images from the driver kit iso image to the appropriate location on your tftp boot server. The initrd and kernel image are found under the `./install/boot/aarch64` directory. Download links for the kernel and initrd images can also be found in the table below.
4. Copy the contents of the ISO image to a location on your installation server. (The `/boot` directory may be omitted)
5. Add the URL of the driver kit location on the installation server to the boot command of the pxelinux config file using the `'addon='` option.
6. An updated kernel will be used for installation and installed onto the system.

Example pxelinux config file section:

```
# Install SLES 12 SP3 with Installation Kit
label install-kit
kernel linux-kit
append initrd=initrd-kit splash=silent vga=0x314 showopts install=http://installserver/SLES-
```

See <https://drivers.suse.com> for more information.