



Release Notes for Cisco Custom Linux Preboot Image

First Published: May 11, 2015
For: Cisco Deployment Solution 6.9
(S-2015-01)

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Introduction

The Cisco Custom Linux preboot image for Cisco Deployment Solution 6.9 helps you in reducing the cost of deploying and managing servers, desktops, and notebooks from a centralized location in your environment. The solution offers OS deployment, configuration, PC “personality” migration, and software deployment across hardware platforms and OS types.

This solution has Cisco UCS specific custom Linux preboot (LinPE) image which supports most of the current Cisco UCS servers and its sub-components. In addition, it consists of sample jobs which you can use.



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Download Information

You can download the Cisco Custom LinPE for Altiix Deployment Solution 4.9 from the following location:

<http://developer.cisco.com/tools/htdocs/empower/altix/>

It is recommended that you check the Cisco Developer Network website periodically for information on updated documentation and plug-in software.

System Requirements

Ensure that the system on which the Cisco Custom LinPE is deployed meets or exceeds the requirements described in the *Altiix Deployment Server 4.9-SP1 Install Guide*. This guide is available at the following location:

<http://www.altix.com/Support/Documentation.aspx>

New Features in this Release

- **Better support for Cisco UCS Servers.**
This version of Cisco Custom LinPE supports compatibility of the Cisco Blade servers and C-series rack-mount servers. It is now qualified to work with latest blade server series UCSM 2.1 and C-series CIMC 1.8 firmware.
- **Support for SAN.**
By default, the Cisco UCS custom LinPE supports multipath workflows and libraries. The LinPE kernel supports Device Mapper Multipathing (DM Multipath) and automatically configures the multipath as seen by the Custom LinPE.
- **Support for 64-bit architecture.**
This version of Cisco Custom LinPE is a 64-bit image and, by default, supports 64-bit SAN and network drivers.
- **Sample Jobs.**
This release provides some of the common sample jobs related to local /RAC disk imaging and OS provisioning.

Supported Configuration

- Cisco UCS Manager version 2.1
- Cisco Integrated Management Controller (CIMC) version 1.8
- UCSM Managed Cisco UCS Servers
 - o B200M1
 - o B200M2
 - o C200M1
 - o B200M2

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- Cisco UCS C-Series rack-mount standard servers
 - C280M1
 - C280M3
- Cisco VIC adapters
 - UCS VIC 882 BP
 - UCS VIC 882KB
 - UCS VIC 882L
- Other adapters
 - Qlogic QLE6502 8Gbps 2-port FC HBAs
 - Emulex OneConnect 8-Gbps 2-port CNA
 - Qlogic QLE8152 16Gbps 2-port CNA
 - LSI 9208-8 MegaE AD- SAS HBAs

Related Documentation

Following are the guides that are available with this release:

- *Cisco/Custom Linux Product Image User Guide*
This guide includes information on deploying and using this image.
- *Alteon Deployment Selection & F Guide*
This guide is available at the following location:
<http://www.alteon.com/Support/Documentation.aspx>

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly What's New in Cisco Product Documentation, which includes all new and revised Cisco technical documentation.

<http://www.cisco.com/itd/docs/general/whatsnew/whatsnew.html>

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