



RHEL 6.x and 7.x Panic on FCoE Boot

Products Affected

Adapter Name
HPE® CN1100R/CN1100R-T Converged Network Adapter
HPE FlexFabric® 533/534/536/630 Series
HPE Synergy 2820C and 3820C Converged Network Adapters

Introduction

This application note describes a condition where Red Hat® Enterprise Linux® (RHEL®) versions 6.x and 7.x may panic when booting with the adapters listed in the Products Affected table. In this case, the adapters are installed and configured for Fibre Channel over Ethernet/Fibre Channel (FCoE/FC) boot.

Issue

The Red Hat default FCoE-up time of 3 seconds is too short for the link-level protocols to converge.

Workaround

Red Hat bugzilla 1482185 has been issued to increase the default defined in the file `/usr/share/dracut/modules.d/95fcoe/fcoe-up` to 15 seconds for the `bnx2fc` driver to initialize the link level-protocols to converge.

See HPE Customer Advisory [a00029223en us](#) and the Red Hat Bug Fix Advisory at <https://access.redhat.com/errata/RHBA-2018:0964> for details on how to make the change.

Document Revision History

Revision A, October 31, 2017

Revision B, August 12, 2019

Revision C, May 7, 2021

Changes

Re-branded to new Marvell logo/template.
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Removed StoreFabric nomenclature.

Added a link to RHEL Bug Fix Advisory.
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