



## 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.

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**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.

Removed StoreFabric nomenclature.

Added a link to RHEL Bug Fix Advisory.

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