

**Dell Chassis  
Management  
Controller (CMC) for  
Dell PowerEdge FX2  
Version 1.20**

**Release Notes**



# Release Type and Definition

## Dell Chassis Management Controller (CMC) for Dell PowerEdge FX2

The Dell Chassis Management Controller (CMC) for Dell PowerEdge FX2 is a system management hardware and software solution for managing the Dell PowerEdge FX2 chassis.

## Version

Dell Chassis Management Controller for Dell PowerEdge FX2 version 1.20

## Release Date

April 2015

## Previous Version

1.10

# Platform(s) Affected

Dell Chassis Management Controller (CMC) for Dell PowerEdge FX2 supports the following Chassis:

- Dell PowerEdge FX2
- Dell PowerEdge FX2s

Sleds:

- Dell PowerEdge FD332
- Dell PowerEdge FC430
- Dell PowerEdge FC630
- Dell PowerEdge FC830
- Dell PowerEdge FM120x4

IOMs:

- Dell PowerEdge FN 410S I/O Aggregator
- Dell PowerEdge FN 410T I/O Aggregator
- Dell PowerEdge FN2210S I/O Aggregator
- Dell PowerEdge FX2 1 Gb x8 RJ45 pass-through module
- Dell PowerEdge FX2 10 Gb x8 SFP pass-through module

# License Requirements

CMC supports software licensing to use advanced systems management features. For more information, see the *Dell Chassis Management Controller for Dell PowerEdge FX2 User's Guide*.

# What is Supported?

## Supported Web Browsers and Operating Systems

- Microsoft Internet Explorer 9
- Microsoft Internet Explorer 10

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- Microsoft Internet Explorer 11
- Safari version 6.0
- Safari version 7.0
- Mozilla Firefox version 29
- Mozilla Firefox version 30
- Google Chrome version 33
- Google Chrome version 34

## Important Notes

- CMC network default setting is Static with IP address of "192.168.0.120". Complete the CMC network setup by directly connecting a client system on the same network. For more information, see the *Chassis Management Controller for PowerEdge FX2 Version 1.10 User's Guide* available at [dell.com/support/manuals](http://dell.com/support/manuals).
- Connecting the STK/Gb2 port of the CMC at the back of the chassis to the management network can cause network disruption if not properly cabled and configured in CMC. Before using the STK/Gb2 port of the CMC, see the PowerEdge FX2 Version 1.10 Owner's Manual available at [dell.com/support/manuals](http://dell.com/support/manuals).
- The PCIe cards are allocated to sleds based on the sled type, for more information, see the Chassis Management Controller for PowerEdge FX2 Version 1.10 User's Guide available at [dell.com/support/manuals](http://dell.com/support/manuals). This is applicable to Dell PowerEdge FX2s chassis.
- Some advanced features require CMC enterprise license. For more information about the CMC licenses, see the *Chassis Management Controller for PowerEdge FX2 Version 1.10 User's Guide* available at [dell.com/support/manuals](http://dell.com/support/manuals).
- Storage features using Storage Sleds require a storage license. For more information about storage licenses, see the Chassis Management Controller for PowerEdge FX2 Version 1.20 User's Guide available at [dell.com/support/manuals](http://dell.com/support/manuals).
- When Certificate Validation is "Enabled", FQDN of the system should be provided. If the IP address of the Domain Controller is specified when the certificate validation is enabled, the Active Directory login may not work.
- The `cfgRacTuneIdracDNSLaunchEnable` object and the "iDRAC Launch Method" setting on the **Chassis Overview > Setup > General** CMC Graphical Interface requires the Chassis Configuration Administrator privilege.
- When saving Server Profile under **Server Overview > Setup > Profiles**, the list of characters that are not supported for the Profile Name include the characters - hash(#), comma(,), and question mark(?).

## Known Issues

- **Issue (162141):** Non-iSCSI MAC addresses may be displayed when you run the `racadm getmacaddress` command using the `-t iscsi` option.
- **Resolution:** None. Extraneous non-iSCSI MAC addresses may be ignored.
- **Issue (174272):** After disabling the Flex Address, the `getmacaddress -c` `racadm` command displays the MAC address assigned on the extension slots of quarter-width sleds.
- **Resolution:** Refer to the CMC GUI, it is accurate.
- **Issue (180253):** PCIe card device name displayed in iDRAC GUI and CMC GUI are not same for Broadcom/Qlogic 10G card.
- **Resolution:** Refer to the iDRAC GUI, it is accurate and current.

# Limitations

- **Limitation:** The remote `racadm testfeature` command (`racadm -r <IP Address> testfeature..`) does not support the `-d` (debug) option.  
**Resolution:** None
- **Limitation:** For Single Sign-On and Smart Card login, the client system must be a part of the Active Directory domain and Kerberos Realm.  
**Resolution:** On Windows clients, under the Local Security Policies, make sure to configure the security option "Network security: Configure encryption types allowed for Kerberos." This policy setting allows you to set the encryption types that Kerberos is allowed to use. The DES\_CBC\_MD5 encryption type must be selected. If this encryption type is not selected, the encryption type will not be allowed. This setting may affect compatibility with client computers or services and applications.
- **Limitation:** When you add a member chassis to a chassis group, you cannot specify the new group member with an IPv6 address.  
**Resolution:** Use IPv4 addressing.

# Installation

## Prerequisites

See the *Dell Chassis Management Controller for PowerEdge FX2 Version 1.20 User's Guide* for the following information:

- Prerequisites
- Hardware and software requirements
- Installation and configuration

Check for latest CMC firmware at [dell.com/support/](http://dell.com/support/).

## Installation Instructions

1. Set up initial access to CMC.
2. Access CMC through a network.
3. Add and configure CMC users.
4. Update CMC firmware.

For more information, see the *Chassis Management Controller for PowerEdge FX2 Version 1.20 User's Guide*, available at [www.dell.com/esmmanuals](http://www.dell.com/esmmanuals).

# Contacting Dell

Note: If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

1. Visit [www.dell.com/support](http://www.dell.com/support).
2. Select your support category.
3. Verify your country or region in the **Choose a Country/Region** drop-down menu at the top of page.

4. Select the appropriate service or support link based on your need.

## Accessing Documents from Dell Support Site

You can access the required documents in one of the following ways:

- Using the following links:
  - For all Enterprise Systems Management documents **dell.com/softwaresecuritymanuals**
  - For Enterprise Systems Management documents **dell.com/openmanagemanuals**
  - For Remote Enterprise Systems Management documents **dell.com/esmmanuals**
  - For OpenManage Connections Enterprise Systems Management documents **dell.com/OMConnectionsEnterpriseSystemsManagement**
  - For Serviceability Tools documents **dell.com/serviceabilitytools**
  - For Client Systems Management documents **dell.com/clientsystemsmanagement**
  - For OpenManage Connections Client Systems Management documents **dell.com/connectionsclientsystemsmanagement**
- From the Dell support site:
  1. Go to [dell.com/support/manuals](https://dell.com/support/manuals).
  2. Under General support section, click Software & Security.
  3. In the Software & Security group box, click the required link from the following:
    - Enterprise Systems Management
    - Remote Enterprise Systems Management
    - Serviceability Tools
    - Client Systems Management
    - Connections Client Systems Management
  4. To view a document, click the required product version.
- Using search engines
  - Type the name and version of the document in the search box.

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