IBM System Storage™

Data Center Fabric Manager v10.1.3 Release Notes

CONTENTS

Quick Look

The table at the end of these notes contains a list of the DCFM v10.1.3 closed defects.

Overview

Data Center Fabric Manager (DCFM) The DCFM 10.1.x release adds support for a new hardware platform, new software features, and enhancements to existing features as outlined below.

New Hardware Platform

o   IBM System Storage SAN384B (2499-192)

New Software Features

o   Virtual Fabrics

o   Port Fencing support for b-type Hardware

Enhancements to existing features

o   Performance Management:

   ▪ Top Talkers support

   ▪ Additional FCIP statistics

o   FICON Management:

   ▪ Enhancements to PDCM to support Port Groups

   ▪ Cascaded FICON Merge Wizard – various options to resolve failures

   ▪ Request Node Identification (RNID) support for M-Series hardware

o   Pathinfo support for Fibre Channel Routing (FCR) links

o   Zoning enhancements (e.g. remove/replace offline devices, TI zone support for Virtual Fabrics, etc.)

o   Technical Support Data and Firmware Download now includes support for SCP

o   Enhancement in Devcie Connectivity by removing the restriction of End Devices and adding the Hexadecimal entries in the dialog

DCFM 10.1.x supports a seamless upgrade path from previous versions of DCFM (10.0.x/10.1.x), EFCM 9.6 & above and FM 5.4 & above

Operating Systems Supported

DCFM 10.1.x is supported on the following operating systems.

Server / Client

Operating System	Versions
Windows	XP Professional SP2, SP3 (x86 32-bit)
	2003 Server SP2 (x86 32-bit)
	Vista Business Edition (x86 32-bit)
	2008 Server (x86 32-bit)
Linux	RedHat Enterprise Linux AS 4 (x86 32-bit)
	RedHat Enterprise Linux 5 Advanced Platform (x86 32-bit)
	SUSE Linux Enterprise Server 10 SP1 (x86 32-bit)

Switch Platform and Firmware Requirements

The following table lists the versions of Brocade software supported in this release. IBM and Brocade recommend using the latest software versions to get the greatest benefit from the SAN. IBM and equivalent Brocade hardware products are listed.

Operating System	IBM Switch/Director	Brocade Switch/Director
Switch (b-type and B-Model) Firmware Versions		
FOS 5.0.x, 5.1.x, 5.2.x, 5.3.x, 6.0.x, 6.1.x, 6.2.0	SAN Switch F32 (2109-F32)	Brocade 3900
	SAN Switch H08 (2005-H08)	Brocade 3250
	SAN Switch H16 (2005-H16)	Brocade 3850
	SAN32B-2 (2005-B32, -32B)	Brocade 4100
	SAN04B-R (2005-R04)	Brocade 7500E[1]
	SAN18B-R (2005-R18)[1]	Brocade 7500[1]
	SAN16B-2 (2005-B16, -16B)	Brocade 200E
	SAN64B-2 (2005-B64)[2]	Brocade 4900[2]
	SAN32B-3 (2005-B5K, -5KB)[3]	Brocade 5000[3]
	SAN24B-4 Express (2498-B24, -24E)[5]	Brocade 300[5]
	SAN40B-4 (2498-B40, -40E)[5]	Brocade 5100[5]
	SAN80B-4 (2498-B80)[5]	Brocade 5300[5]
	SAN Switch M12 (2109-M12)	Brocade 12000
	SAN Switch M14 (2109-M14)	Brocade 24000
	SAN256B (2109-M48) with FC4-16, FC4-32 and FC4-48 blades[2]	Brocade 4800 with FC4-16, FC4-32 and FC4-48 blades[2]
	SAN256B (2109-M48) with FR4-18i blades [1]	Brocade 4800 with FR4-18i blades [1]
	SAN256B (2109-M48) with FC4-16IP blades [2]	Brocade 4800 with FC4-16IP blades [2]
	SAN256B (2109-M48) with FC10-6 blades [4]	Brocade 4800 with FC10-6 blades [4]
	SAN768B (2499-384)[6] with FC8-16, FC8-32, and FC8-48 blades	Brocade DCX[6] with FC8-16, FC8-32, and FC8-48 blades
	SAN768B (2499-384)[6] with FR4-18i blades	Brocade DCX[6] with FR4-18i blades
	SAN768B (2499-384)[6] with FC10-6 blades	Brocade DCX[6] with FC10-6 blades
	SAN384B (2499-192)[8] with FC8-16, FC8-32, and FC8-48 blades	Brocade DCX-4S[8] with FC8-16, FC8-32, and FC8-48 blades
	SAN384B (2499-192)[8] with FR4-18i blades	Brocade DCX-4S[8] with FR4-18i blades

[1] Requires FOS v5.1.0 or higher
[2] Requires FOS v5.2.0 or higher
[3] Requires FOS v5.2.1 or higher
[4] Requires FOS v5.3.0 or higher
[5] Requires FOS v6.1.0 or higher
[6] Requires FOS v6.0.0 or higher
[7] Requires FOS v6.1.1_enc or higher
[8] Requires FOS v6.2.0 or higher

Operating System	IBM Switch/Director	Brocade Switch/Director
Switch (m-type, M-Model) Firmware Versions		
M-EOSc 9.6.x, 9.7.x, 9.8.x, and 9.9	SAN12M-1 (2026-E12, -12E) SAN16M-2 (2026-416, -16E) SAN24M-1 (2026-224) SAN32M-1 (2027-232) SAN32M-2 (2027-432, -32E) SAN140M (2027-140)	Spheron 4300 Spheron 4400 Brocade M4500 Spheron 3232 Brocade M4700 Brocade M6140
M-EOSn 9.6.x, 9.7.x, 9.8.x, and 9.9	SAN256M (2027-256)	Brocade Mi10K

To launch the DCFM Client

–   To launch the DCFM Enterprise Client on the same local machine as the DCFM Server, launch the client as follows:

Windows: Select **Start > Programs > DCFM 10.1.3 > DCFM 10.1.3**

Linux: Follow the below steps on launching the client from a web browser.

–   To launch the DCFM Enterprise Client from a remote host, launch the client as follows:
Open a browser window and type the DCFM server hostname or IP address in the **Address** field; for example:
> http://DCFMserverhost1.companyname.com/
> http://192.x.y.z/

–   If when the DCFM server was installed, a DCFM web server port number was specified (instead of the default 80), you must specify the port number after the hostname or IP address. In the following examples, 8080 is the web server port number:
> http://DCFMserverhost1.companyname.com:8080/
> http://192.x.y.z:8080/

Installation Notes

If you are upgrading from the trial version of DCFM, refer to the *DCFM Installation, Migration, and Transition Guide* for step-by-step procedures.

If you are migrating from Fabric Manager (FM) or Enterprise Fabric Connectivity Management (EFCM), refer to the *DCFM Installation, Migration, and Transition Guide* for step-by-step procedures.

Ensure the network environment does not have any firewall installations between the client and the server and the switches. If one exists, ensure that proper rules are set up to allow access. See the *DCFM User Guide* for additional information.

You must choose the SAN size during the installation of DCFM v10.1.3. See the *DCFM User Guide* for additional information.

If you install DCFM Server on a Windows host that has anti-virus software, you must disable the anti-virus software during the installation**.**

Install DCFM Server on a dedicated machine that is not running any other server applications, such as another database server.

DCFM is supported under Windows, RedHat Linux, and SUSE Server guest operating systems that run under VMWare ESX 3.5. Other virtualization software is not supported.

Modem-based Call Home is not supported under Windows guest operating system that runs under VMWare ESX 3.5.

DCFM v10.1.3 is tested under English, Japanese, German, and is supported under other non-English Windows operating systems. Most of the displayed text is in English, even though message strings and dates may display in the local language.

DCFM cannot run on the same host as EFCM or FM, when actively monitoring fabrics. When migrating FM to DCFM, the FM processes will need to be running to migrate the database from FM to DCFM. For more info regarding migration please refer to the *DCFM Installation, Migration, and Transition Guide.*

Important Notes

This section lists information that you should consider before you use DCFM v10.1.3. See the *DCFM User Guide* for full details on the following notes.

M-EOSc switches with SNMPv3 enabled cannot be managed through DCFM. SNMPv3 needs to be disabled.

If SNMPv3 is enabled on M-EOSc switches, SNMPv1 is automatically disabled. SNMPv3 and SNMPv1 cannot be enabled simultaneously. Since DCFM 10.1.3 uses only SNMPv1 to manage the M-EOSc switches, the manageability link will not get established, if SNMPv3 is enabled. It is recommended to disable SNMPv3 using CLI.

Remote Client fails to launch with Webstart Exception

The remote client fails to launch when JRE v1.6.0 Update 5 is not installed. Verify that this version is running by executing 'java –version' at the command prompt. If the version does not display as '1.6.0_05', it is recommended that you uninstall the current version and point a supported web browser to the DCFM Server IP address and download and install the correct version which is bundled with the DCFM Server. It is recommended that the JRE is not automatically updated as this will change the version.

Upgrade switches running FOS v5.2.1_NI to v6.0.0 or higher

To completely manage a fabric, in DCFM, where the seed switch is running FOS v52.1_NI, it is recommended to upgrade the switch to FOS v6.0.0 or higher. Failure to do so will limit the ability to manage fabric services such as Zoning. However, monitoring features suchas Status, Events, and Performance Monitoring should not be affected.

Creating tape pool in a mixed FOS version environment

If FOS versions 6.2.0 and 6.1.1_enc_X (where X is any released version) are deployed in an environment the user should not configure any Tape Pool information. If Tape Pool information is configured and a failover occurs where the 6.1.1_enc_X node becomes the group leader, the user will not be able to remove the created tape pool.

Incorrect error message displayed when FCIP license is missing

During the creation of an FCIP tunnel, if a switch without a FCIP license is selected the error message "The switch does not have any free tunnels" is displayed instead of the error message "The switch does not have a FCIP license".

VEX-Port not disabled after FICON parameter values added

Upon entering FICON parameters in the advanced settings of the FCIP configuration wizard the VEX-Port fails to be be disabled..

User Action and Product Audit events not generated from Port Fencing actions

When Port Fencing policies are assigned to M-EOS switches in a mixed fabric User Action and Product Audit events are not generated. User Action events are not generated when un-assigning a policy from a M-EOS switch.

Incorrect information listed in Compare/Merge dialog

If multiple zones are defined in a single zone configuration the Host-to-Storage and Storage-to-Host information will be listed incorrectly in the Compare/Merge dialog.

DCFM Pro services do not auto-start on Linux and Solaris

After a restart DCFM Pro services need to be manually started on both Linux and Solaris. DCFM client will fail to launch, unless the services are started.

Create Meta SAN View menu not available

When right-clicking on a backbone fabric the Create Meta SAN View is not available. The functionality can be found in the Create View dialog.

FC Address field displays incorrect in the Port connectivity View

When using the port Connectivity View the FC address is listed incorrectly. The correct FC address is available in the Properties dialog.

Duplicate entries in Call Home notification for M-model switches

With Virtual fabrics enabled the Call Home notification dialog will display duplicate entries for M-model switches.

Event priority mismatch

Error-level policies can sometimes be triggered by warning-level events.

Remote Client unable to be launched using web browser on Windows systems

If the administrator password is changed from the client and then the client is re-launched from a web browser the client will sometimes fail to launch.

Error when opening Zoning Dialog with no message

When a user with Read-Only permissions for Zoning Offline launches the Zoning Dialog an error message is displayed without any text. Add the Read-Only Zoning Online permission to the user role to not see the error dialog.

Config Download fails for Firmware and All parameters

When Configdownload is attempted from one virtual switch to another virtual switch where the Fabric IDs are not identical and the Firmware and ALL parameters are selected the download will fail.

Switch name update delay

When changing the name of a switch from outside of DCFM the new name for the switch will not be reflected within DCFM for up to 15 minutes, depending on SAN Size selection.

Incorrect message shown in Master Log for End-to-End Monitors

Messages in the Master Log are incorrectly generated when End-to-End Monitors dialog is opened and closed without modification or when an End-to-End pair creation fails.

Element Manager fails to launch on i10k

If the admin partition (partition 0) is removed and then reattached to a managed fabric the Element Manager will no longer be able to be launched from DCFM until the DCFM services are restarted.

Tunnel ports shown instead of GigE ports

In the topology view tunnel ports are shown instead of Gigabit Ethernet ports.

Deleting Logical Switches with GigE ports causes errors

In order to delete a logical switch that contains Gigabit Ethernet ports, the GigE ports must be moved to the default logical switch prior to deleting the logical switch.

Blank graph displayed for FCIP tunnels

When FCIP tunnels are selected from the drop down menu in Historical Graph they will initially appear as blank until the Apply button in the dialog is clicked.

Domain port index and port WWNs unavailable in Add Member dialog

When using the Add Member dialog the port index and port WWNs are grayed out. They can still be selected by choosing the appropriate devices in the device tree and then moving them to the right.

Event-based file actions fail

DCFM event-actions will fail to run scripts on remote-mounted filesystems under Windows.

EX-Port disabled when configuring Routing Domain IDs

In the Routing Domain IDs dialog, if a user adds the appropriate Domain IDs to the front and xlate domains, clicking OK will disabled the Ex_ports with the message "EX_PORT ISOLATE".

E-Port information missing in EOS edge switch

When opening a graph of an E-Port to EX-Port connection the E-Port labels are blank although all data graphed is corrected.

Access Gateways connected to M-EOS switches not discovered

Access Gateways connected to M-EOS fabrics are not discovered by DCFM. Only Access Gateways attached to FOS-based switches are currently able to be discovered.

Title of Top Talkers dialog has incorrect title

When selecting the Top Talkers dialog it is labeled as Realtime Port Selector.

After fabric binding WWNs not shown in Fabric Binding dialog

After two FOS fabrics in interop mode 0 are merged the WWN of members is missing and the Fabric Binding Status is listed as "Unknown" in the Fabric Binding dialog.

Call home

After migrating from EFCM to DCFM, the 'Enable Call Home Notification' setting in the M-EOS switches Element Manager will be disabled and therefore in the Call Home dialog box right side table, M-EOS switches are shown as Call home disabled (grayed out). The workaround is to open the Element Manager for the grayed out M-EOS switches and enable the Call Home Notification setting and then open the Call home dialog box.

Firmware Repository

The firmware repository files for M-EOSc and M-EOSn are not migrated from EFCM to DCFM. To workaround the issue, customers can copy the M-EOSc and M-EOSn firmware images to a location accessible by the Element Manager.

Removing Switches

If you plan to segment and remove multiple switches (more than 2) from a fabric and you have historical performance collection enabled, it is recommended that you 'accept changes' after each switch segmentation from the client rather than doing it together.

DCFM Clients

As a best practice it is recommended that the clients which are not being used actively should be shutdown. This will free up the server resources. In some scenarios, if **duplicate** entries are seen in the 'Product List', please restart the client.

LSAN Zoning with Edge Fabrics

If you plan to do edge to edge routing or backbone to edge routing using LSAN Zoning, please make sure to give the edge fabrics a FID greater than 1. You can use the Element Manager -> FCR Admin -> Ex_Port configuration on the router to change the edge fabric's FID.

Performance Monitoring

If you plan to enable Historical Data Collection in DCFM on a 1U SP or a 'Small SAN' setting, it is highly recommended that you change the aging samples from the Server Management Console on the Performance Data Aging tab to the following numbers.

> 288 samples for 5 minute period (i.e. 1 day)
> 144 samples for 30 minute period (i.e. 3 days)
> 84 samples of 2 hour period (i.e. 1 week)
> 90 samples of 1 day period (i.e. 3 months)

After changing the samples, click 'Apply'. This will require DCFM server login credentials and will also restart the DCFM server.

Documentation Updates

This section provides information on last-minute additions and corrections to the documentation. The most recent DCFM 10.1.x documentation manuals are available on the IBM SAN Support site: http://www.ibm.com/systems/support/storage/san

DCFM User Manual

On multiple pages, in any step that requires you to enter your user name and password, add the following information:

1. Enter your user name and password.

   The defaults are *Administrator* and *password*, respectively. If you migrated from a previous release, your username and password do not change.

On page 33, in the Scalability Requirements section in Table 14 the Number of Fabrics values should read as follows:

Values	Small	Medium	Large
Number of Fabrics	8	16	24
Number of Domains	10	30	60
Number of Switch Ports	1000	2500	5000
Number of Device Ports	2500	5000	10000
Number of Access Gateways	20	30	40
PM Polling	5 min.	5 min.	10 min.

On page 59, in the Fabric discovery overview section, add the following note:

Note: Discovery of a Secure Fabric OS fabric in strict mode is not supported.

On page 496, in the Troubleshooting section, add the following information:

Client browser troubleshooting

The following section states a possible issue and the recommended solution for client browser errors.

Table 1 Fabric tracking issues

Problem	Resolution
Downloading Client from a Internet Explorer Browser over HTTPS	If the JNLP file does not launch automatically, use one of the following options: Complete the following steps. 1. Save the JNLP file to the local host. 2. Launch the JNLP file manually. In Internet Explorer 7, complete the following steps. 1. Select **Tools > Internet Options**. 2. Click the **Advanced** tab. 3. Clear the **Do not save encrypted pages to disk** check box. If the browser warns you about the security certificate, use one of the following options: Use the fully qualified hostname to launch the web page. In Internet Explorer 7, complete the following steps. 1. Select **Tools > Internet Options**. 2. Click the **Advanced** tab. 3. Clear the **Warn about certificate address mismatch** check box 4. Restart Internet Explorer.

DCFM Installation, Migration and Transition Guide

On multiple pages, in any step that requires you to enter your user name and password, add the following information:

2. Enter your user name and password.

   The defaults are *Administrator* and *password*, respectively. If you migrated from a previous release, your username and password do not change.

On page 82, in the EFCM migration section, change the text as follows:

You cannot migrate from EFCM to the Professional edition. You must migrate to the Enterprise trial or the full Enterprise edition.

DCFM Online Help

On the **Importing a zone database** page, add the following note:

NOTE: You cannot import an online zone database.

On the **Zoning** dialog box page, in the section "Fields and components" add the following information to the **Zone DB Operation** list:

Field	Description

Zone DB Operation list	Allows you to perform the following functions to the zone database.
	
	    Save to Switch - Use to save the zone database to a switch.
	
	    Save As - Use create a new offline database from an existing database.
	
	    Compare - Use to compare and merge to databases.
	
	    Refresh - Use to refresh the selected zone database.
	
	    Clear All - Use to clear a Fabric Zone database of all zoning configurations.
	
	    Offline Utility - Use to remove or replace offline devices from all zones or aliases in the selected zone database.
	
	    Import - Use to import an offline zone database.
	
	    Export - Use to export an offline zone database.
	
	    Roll Back - Use to reverse changes made to a offline zone database.
	
	    Undo CheckOut - Use to remove all user names from the selected offline zone database.
	
	    Delete - Use to delete a offline zone database.
	
	Does not display for LSAN Zoning.

In the section, "Dialog Boxes", add the following information:

Undiscovered Seed Switches dialog box

Opening the dialog box

1. Select **Discover > Setup**.

    The **Discover Setup** dialog box displays.

2. Click **Add**.

    The **Address Properties** dialog box displays.

3. Enter a name for the fabric in the **Fabric Name** field.

4. Enter an IP address for the device in the **Switch Address** field.

    For Virtual Fabric discovery device requirements, refer to "Virtual Fabric requirements" in the user manual or online help.

    To discover a Virtual Fabric device, you must have the following permissions:

        Switch user account with Chassis Admin role permission on the physical chassis.

        Switch and SNMP v3 user account with access rights to all logical switches (all Fabric IDs (1 - 128).

        For information about configuring permissions on a Fabric OS device, refer to the *Fabric OS Administrator's Guide.*

5. If a user ID and password are required, enter them in the **User ID** and **Password** fields.

6. Click the **SNMP** tab.

7. Select v3 from the **SNMP Version** list.

To discover a Virtual Fabric device, you must configure SNMP v3 and your SNMP v3 user account must be defined as a Fabric OS switch user.

8. Enter a user name in the **User Name** field.

9. Click **OK** on the **Address Properties** dialog box.

   If the seed switch is partitioned, the **Undiscovered Seed Switches** dialog box displays.

Fields and Components

Field/Component	Description
Available Seed Switches table	Displays the available undiscovered seed switches.
Select check box	Select to include the associated undiscovered seed switch in discovery
	Displays the undiscovered seed switch name.
	Displays the undiscovered seed switch FID.
	Displays the undiscovered seed switch base.
	Displays the undiscovered seed switch WWN.

Using the dialog box

Refer to the following topic for specific procedures using this dialog box.
Setting up discovery

Troubleshooting

SNMP Trap registration

If the discovery status shows the message as "Not registered for SNMP Traps". User should manually add the server IP entry in the SNMP trap registration table from switch CLI using the command "snmpconfig --set snmpv3"

FCIP/GigE Performance Graphs

If there is no FCIP/GigE performance graphs shown for a switch, verify that the server IP address is properly registered in the SNMP trap registration table using the CLI command "snmpconfig --show snmpv3"and the SNMP v3 credentials should exactly match the SNMP v3 user with which the DCFM server is registered for traps.

Defects

Closed with code change in DCFM v10.1.3

This section lists defects closed in DCFM v10.1.3. Note that when a workaround to an issue is available, it is provided.

Defect ID: DEFECT000245419	**Technical Severity**: High
Summary: DCFM is showing the license dialog while migrating from DCFM trial version 10.1.1 to DCFM 10.2.0.	
Symptom: License page is incorrectly showing.	
Feature: EFCM Migration	**Function**: USABILITY
Probability: High	**Risk of Fix**: Low
Found in Release: DCFM10.1.4	

Defect ID: DEFECT000243155	**Technical Severity**: High
Summary: Emails are not generated for the triggered Events in DCFM 10.2.0.	
Symptom: Failing of Email event notification failure results in late notification of changes in the DCFM Server..	
Feature: FAULT MANAGEMENT	**Function**: USABILITY
Probability: High	**Risk of Fix**: Low
Found in Release: DCFM10.1.4	

Defect ID: DEFECT000245582	**Technical Severity**: High
Summary: The properties dialog is totally blank for a HBA with virtual tag, connected to an AG and the HBA is not displayed on the topology.	
Symptom: The properties dialog is totally blank for a HBA with virtual tag, connected to an AG and the HBA is not displayed on the topology.	
Feature: Client	**Function**: TOPOLOGY
Probability: High	**Risk of Fix**: Low
Found in Release: DCFM10.1.4	

Defect ID: DEFECT000237971	**Technical Severity**: High
Summary: By doing "Accept Changes" option in the fabric, it removes only the missing switches and not the missing devices.	
Symptom: By doing "Accept Changes" option in the fabric, it removes only the missing switches and not the missing devices.	
Feature: Client	**Function**: Client Framework
Probability: High	**Risk of Fix**: Medium
Found in Release: DCFM10.1.4	

Defect ID: DEFECT000242978	Technical Severity: High
Summary: DCFM activates Zone Set on Wrong Fabric	
Symptom: Activates zone set on wrong fabric.	
Feature: ZONING	Function: USABILITY
Probability: Medium	Risk of Fix: Medium
Found in Release: DCFM10.1.1	

Defect ID: DEFECT000246429	Technical Severity: High
Summary: Zoning: Activating LSAN zone wiping out TI zones present in the Fabric.	
Symptom: TI zones are missing after activating LSAN zone	
Feature: ZONING	Function: LSAN Zoning Activation Dialog
Probability: High	Risk of Fix: Low
Found in Release: DCFM10.1.4	

Defect ID: DEFECT000238521	Technical Severity: Medium
Summary: Call home status is in disabled state in ACH dialog for M-EOS switches after migration from DCFM 10.0.2	
Symptom: Call home status is shown as disabled even though its enabled in Element Manager.	
Workaround: Disabling and enabling call home notification in Element manager.	
Feature: EFCM Migration	Function: USABILITY
Probability: High	Risk of Fix: Low
Found in Release: DCFM10.0.3	

Defect ID: DEFECT000242811	Technical Severity: Medium
Summary: Can't disable VF after all logical switches have been deleted.	
Symptom: Unable to disable VF.	
Workaround: Disable VF through the CLI.	
Feature: Virtual Fabrics	Function: USABILITY
Probability: High	Risk of Fix: Medium
Found in Release: DCFM10.1.1	

Defect ID: DEFECT000242941	**Technical Severity**: Medium
Summary: Delete operation is inconsistent in an Encryption Group created on a SAN384B without an FS8-18 encryption blade.	
Symptom: When user create the Encryption group on a SAN384B without a FS8-18 encryption blade on the chassis, the created EG takes 2 or more attempts to delete.	
Workaround: Try delete operation more than once or use CLI	
Feature: Encryption	**Function**: NONE
Probability: High	**Risk of Fix**: Low
Found in Release: DCFM10.1.4	

Defect ID: DEFECT000242957	**Technical Severity**: Medium
Summary: Setting a Name in the Switch tab of the New Logical Fabric Template dialog does not set the name to the switch	
Symptom: If a user sets a Name in the Switch tab of the New Logical Fabric Template dialog, the name is not set to the switch.	
Feature: Virtual Fabrics	**Function**: Partitioning Dialog
Probability: Medium	**Risk of Fix**: Medium
Found in Release: DCFM10.1.1	

Defect ID: DEFECT000239957	**Technical Severity**: Medium
Summary: PDCM: When the user try to activate a new config or edit the active config it should be allowed only when there is a active zone config	
Symptom: DCFM allows the user to activate a new config or edit the active config when the default zone is set to all access without any active zoneconfig, but PDCM will work only when there is a active zone config in the fabric.	
Feature: PDCM	**Function**: USABILITY
Probability: High	**Risk of Fix**: Low
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000240690	**Technical Severity**: Medium
Summary: Port optics table appears as blank for non default logic switch	
Symptom: The Port Optics dialog does not show the information for non-default logical switch.	
Feature: Client/Server Communication	**Function**: Client/Server Communication
Probability: High	**Risk of Fix**: Low
Found in Release: DCFM10.1.1	

Defect ID: DEFECT000244542	**Technical Severity**: Medium
Summary: Installing CMDCE creating both DCFM and CMDCE folders under Documents and settings folder.	
Symptom: Both folders will get created under Documents and settings--> <user>.	
Feature: Client	**Function**: Client Framework
Probability: Medium	**Risk of Fix**: Low
Found in Release: DCFM10.1.4	

Defect ID: DEFECT000243375	**Technical Severity**: Medium
Summary: DCFM should prevent the user from adding ports higher than 32 (actually 31) to a LS configured for 256 area limit with Port Based Area Assignment.	
Symptom: If a user sets the 256 area limit with port-based area assignment, DCFM allows assigning ports higher than 32 on a 48 port blade to a logical switch. Also, it allows setting the 256-area limit if the LS already has ports higher than 31.	
Feature: Virtual Fabrics	**Function**: Discovery Dialog
Probability: Medium	**Risk of Fix**: Medium
Found in Release: DCFM10.1.1	

Defect ID: DEFECT000243339	**Technical Severity**: Medium
Summary: Changes made in the client export port are not effective after client restart in CMDCE 10.2.0	
Symptom: User will not be able to change the client export	
Feature: Option Dialog	**Function**: USABILITY
Probability: High	**Risk of Fix**: Low
Found in Release: DCFM10.1.4	

Defect ID: DEFECT000246173	**Technical Severity**: Medium
Summary: Need to support Zeroize EE on a SAN384B	
Symptom: User is unable to Zeroize EE on a SAN384B	
Workaround: Use CLI to perform zeroize in the SAN384B	
Feature: Encryption	**Function**: NONE
Probability: High	**Risk of Fix**: Low
Found in Release: DCFM10.1.4	

Defect ID: DEFECT000242525	**Technical Severity**: Medium
Summary: Topology: Connection between storage array and switch is not shown once storage array is created.	
Symptom: The link is not coming up when the storage array is created.	
Workaround: Exit the client and re-launch the client.	
Feature: Client	**Function**: TOPOLOGY
Probability: Medium	**Risk of Fix**: Medium
Found in Release: DCFM10.1.1	

Defect ID: DEFECT000247051	**Technical Severity**: Medium
Summary: Libpcsclite.so is not included after installation of DCFM	
Symptom: DCFM is unable to recognize smartcard reader on local client on hosts. Need to use webstart client.	
Feature: Installers	**Function**: Solaris
Probability: Medium	**Risk of Fix**: Medium
Found in Release: DCFM10.1.4	

Defect ID: DEFECT000243804	**Technical Severity**: Medium
Summary: Encryption : Proper error message is not shown while giving incorrect KeyID for keyvault masterkey restore using keyvault.	
Symptom: Improper error message was shown to the user.	
Feature: Encryption	**Function**: USABILITY
Probability: Medium	**Risk of Fix**: Low
Found in Release: DCFM10.1.4	

Defect ID: DEFECT000242155	**Technical Severity**: Medium
Summary: Web Linker crashes when Top Talkers is enabled for SAN16B-2 in DCFM.	
Symptom: Some of the processes of the switch may be terminated and switch performance will be reduced.	
Feature: Performance Management	**Function**: Top Talkers
Probability: Medium	**Risk of Fix**: Medium
Found in Release: DCFM10.1.1	

Closed with code change in DCFM v10.1.2

This section lists defects closed in DCFM v10.1.2. Note that when a workaround to an issue is available, it is provided.

Defect ID: DEFECT000240256	**Technical Severity**: High
Summary: Encryption: DCFM failed to connect encryption engine using RKM(RSA key manager) appliance.	
Symptom: User unable to connect encryption engine using RKM(RSA Key manager) appliance.	
Workaround: Can generate the unsigned cert using CLI , then get signed certificate using 3rd party ceritifcate authority like openSSLand then get connected with RKM appliance.	
Feature: Encryption	**Function**: USABILITY
Probability: Medium	**Risk of Fix**: Low
Found in Release: DCFM10.2.0	

Defect ID: DEFECT000239831	**Technical Severity**: High
Summary: LUN state is not updated in Encryption target LUN dialog	
Symptom: If the updation is not taking place ,the user will think the app is hung and kill it	
Workaround: Click on LUN, click re-key, click close, click on different LUN, status on previous LUN now updated	
Feature: Encryption	**Function**: USABILITY
Probability: Medium	**Risk of Fix**: Medium
Found in Release: DCFM10.1.1	

Defect ID: DEFECT000240282	**Technical Severity**: Medium
Summary: Add tape pool label dialog disables key lifespan entry when the encryption mode is DF compatible	
Symptom: User is not allowed to enter key lifespan days for DF compatible type tapepool label.	
Workaround: Create a label of native encryption mode with the number of days for lifespan, after it is created,edit the label to change the bale type to DF compatible	
Feature: Encryption	**Function**: NONE
Probability: Medium	**Risk of Fix**: Low
Found in Release: DCFM10.2.0	

Defect ID: DEFECT000239138	**Technical Severity**: Medium
Summary: Able to remove a smart card entry when user is given only RO to Storage encryption config	
Symptom: User given RO privilege for storage encryption configuration will be able to do smart card operation	
Feature: Encryption	**Function**: USABILITY
Probability: Medium	**Risk of Fix**: Low
Found in Release: DCFM10.2.0	

Defect ID: DEFECT000238596	**Technical Severity**: Medium
Summary: Able to add targets when 'Storage encryption configuration privilege is not given to user	
Symptom: A user without 'Storage encryption configuration' privilege is able to add targets.	
Feature: Encryption	**Function**: USABILITY
Probability: Medium	**Risk of Fix**: Low
Found in Release: DCFM10.2.0	

Closed with code change in DCFM v10.1.1

This section lists defects closed in DCFM v10.1.1. Note that when a workaround to an issue is available, it is provided.

Defect ID: DEFECT000238202	**Technical Severity**: High
Summary: Migration hangs in Data migration page from DCFM 10.0.1, when any default role in Users has been removed before migration	
Symptom: Migration hangs in "Start DB service" in Data migration page and not able to proceed further.	
Feature: EFCM Migration	**Function**: USABILITY
Probability: High	**Risk of Fix**: Low
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000236167	**Technical Severity**: High
Summary: Virtual Fabrics: Can't configure a virtual switch into a base switch.	
Symptom: User is unable to change the virtual switch in to Base switch. Unable to configure already created Virtual switch into Base switch using the Edit dialog, it gets failed with the error message	
Feature: Virtual Fabrics	**Function**: Partitioning Dialog
Probability: High	**Risk of Fix**: Medium
Found in Release: DCFM10.2.0	

Defect ID: DEFECT000239723	**Technical Severity**: High
Summary: DCFM server sends hundreds of SNMP queries to the switch if the ge ports are present in the non default VF.	
Symptom: Since DCFM is querying the switch too often the snmpd of thw switch is consuming more CPU which will affect the switch performance	
Workaround: Disable the historical data collection and restart the server and also do not launch the relatime stats for FCIP OR Gige ports.	
Feature: Performance Management	**Function**: Stats Workers
Probability: High	**Risk of Fix**: Medium
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000238205	Technical Severity: High
Summary: Call home alert mail is showing the switch IP as 0.0.0.0	
Symptom: By seeing the Call home alert, customer will see the incorrect switch IP address..	
Workaround: User can use the switch WWN to identify the switch instead of IP Address.	
Feature: Advanced Call Home	Function: NONE
Probability: Low	Risk of Fix: Medium
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000239108	Technical Severity: High
Summary: Cascaded Ficon dialog is not working as it should, to merge Fabrics	
Symptom: The fabric binding dialog and ficon merge wizard are not functioning in the same manner.	
Feature: FICON	Function: Cascaded FICON Merge
Probability: Medium	Risk of Fix: High
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000238238	Technical Severity: Medium
Summary: Switch names for M-EOS switches are missing.	
Symptom: M-EOS switches have names configured but DCFM does not display those.	
Feature: Mbean for Server	Function: Mbean for Server
Probability: Medium	Risk of Fix: Medium
Found in Release: DCFM10.0.3	Service Request ID: 360861

Defect ID: DEFECT000238247	Technical Severity: Medium
Summary: Virtual Fabric - Chassis group Element Manager right click does not launch, many errors in the client log	
Symptom: Element Manager does not launch, no error message.	
Workaround: Go to the topology for a carved LS and launch the Element Manager.	
Feature: Virtual Fabrics	Function: USABILITY
Probability: Medium	Risk of Fix: Medium
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000238262	Technical Severity: Medium
Summary: Performance Management - Incorrect title is shown for Top Talker Selector dialog	
Symptom: User will get confused when the dialog launched for Top Talkers displays Realtime Port Selector	
Feature: Performance Management	Function: Top Talkers
Probability: Low	Risk of Fix: Low
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000238539	**Technical Severity**: Medium
Summary: Help page Encryption: need to add details of Routing mode and Media type for switch properties	
Symptom: Routing mode and Media type field descriptions need to be added in "Switch Encryption Properties dialog box "	
Feature: HELP	**Function**: HELP
Probability: High	**Risk of Fix**: Low
Found in Release: DCFM10.2.0	

Defect ID: DEFECT000239281	**Technical Severity**: Medium
Summary: Firmware Management: Unable to import the v6.2.0 firmware file along with the release notes	
Symptom: User cannot import the firmware file along with release notes	
Workaround: Import the firmware without release notes.	
Feature: FIRMWARE MANAGEMENT	**Function**: Firmware Repository Management
Probability: High	**Risk of Fix**: Low
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000238091	**Technical Severity**: Medium
Summary: Deleting an LS is getting CAL/XML error with multiple class failures	
Symptom: Sometimes when a user tries to delete an LS, they will get a CAL/XML error with multiple class failures	
Feature: Virtual Fabrics	**Function**: USABILITY
Probability: Medium	**Risk of Fix**: High
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000238132	**Technical Severity**: Medium
Summary: Performance Management - Blank graph opens for FCIP tunnels from Picker dialog in Historical Graph	
Symptom: User will not be able to see the Historical Graph for the FCIP Tunnels when it is chosen from the Picker dialog.	
Workaround: On selecting Apply button FCIP tunnel Historical graph will be displayed.	
Feature: Performance Management	**Function**: Historical Graph
Probability: Medium	**Risk of Fix**: Medium
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000239140	Technical Severity: Medium
Summary: DCFM_HP10.1.0: The splashscreen appearing before the Login Screen is not updated	
Symptom: Splash screen needs to be updated.	
Feature: Installer & Editions	Function: NONE
Probability: Medium	Risk of Fix: Medium
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000240018	Technical Severity: Medium
Summary: Mi10K Element Manager Displays Domain id range 1-31 in Error Message when 239 Domain ID range is selected	
Symptom: The domain ID is shown wrong in the error message	
Feature: M-EOS Element Manager	Function: USABILITY
Probability: Medium	Risk of Fix: Medium
Found in Release: DCFM10.2.0	

Defect ID: DEFECT000238347	Technical Severity: Medium
Summary: LUN Size value is not displayed in MB.	
Symptom: LUN Size (MB) value is displayed as data in KB	
Feature: Encryption	Function: USABILITY
Probability: High	Risk of Fix: Low
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000238391	Technical Severity: Medium
Summary: After changing LUN configuration user needs to rekey LUN information.	
Symptom: After changing any LUN configuration with other LUN rekeying in progress, the setting change configuration always includes Rekeying LUN information.	
Feature: Encryption	Function: USABILITY
Probability: Low	Risk of Fix: Low
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000236646	Technical Severity: Medium
Summary: The storage port mapping option is disabled in the right click menu.	
Symptom: When the user right-clicks the storage group, the storage port mapping option is not enabled.	
Feature: Client	Function: Client Framework
Probability: Medium	Risk of Fix: Low
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000237645	**Technical Severity**: Medium
Summary: Performance Management - Saved favorite for EE Monitors should not be displayed in Historical Report.	
Symptom: The user will be confused when EE Monitors is not listed under the From drop down but a previously saved favorite for EE Monitors is listed under Favorites drop down. If it is chosen, it will generate a report with wrong data.	
Feature: Performance Management	**Function**: Historical Dialog Config Panel
Probability: High	**Risk of Fix**: Medium
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000237665	**Technical Severity**: Medium
Summary: Performance Management - Not able to select EE Monitors from the Picker dialog for Real time Graph	
Symptom: User will not be able to select EE Monitors in the first attempt from the Picker dialog for Real Time Graph.	
Workaround: Select any other port type and then select EE Monitors.	
Feature: Performance Management	**Function**: Performance Port Picker
Probability: Medium	**Risk of Fix**: Medium
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000237673	**Technical Severity**: Medium
Summary: Event Policy - certain policy(ies) cause events not to be logged in master log until policy is deleted	
Symptom: No events logged from switches in the master log.	
Workaround: Delete the policies and redefine them.	
Feature: FAULT MANAGEMENT	**Function**: USABILITY
Probability: Low	**Risk of Fix**: Medium
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000237674	**Technical Severity**: Medium
Summary: Event Policy - Error level policy triggered on a Warning level event	
Symptom: Lower priority level messages triggering Error level policies.	
Feature: FAULT MANAGEMENT	**Function**: USABILITY
Probability: Medium	**Risk of Fix**: Low
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000237394	Technical Severity: Medium
Summary: Zoning configuration is not migrated from EFCM to DCFM.	
Symptom: Some of the Zones configuration in 9.6 is not migrating to Zone library Zone DB of 10.0.3	
Feature: EFCM Migration	Function: USABILITY
Probability: Medium	Risk of Fix: Low
Found in Release: DCFM10.0.3	

Defect ID: DEFECT000231869	Technical Severity: Medium
Summary: Descripancies found while setting values for user defined columns in virtual switches properties table.	
Symptom: While setting values for user defined columns in virtual switches properties table are blank.	
Feature: Client	Function: TOPOLOGY
Probability: Medium	Risk of Fix: Medium
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000233549	Technical Severity: Medium
Summary: In Compare/Merge, the Host-to-Storage and Storage-to-Host information is not correct for multiple zone in a config.	
Symptom: When user select Host-to-Storage or Storage-to-Host with multiple zone in a zone config, the view shows all host/storage can access storage/host.	
Workaround: From Full view, user can find out device accessibility manually.	
Feature: ZONING	Function: Impact Analysis - Host To Storage & Storage to Host Views
Probability: Medium	Risk of Fix: Low
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000230162	Technical Severity: Medium
Summary: Find port in Logical Switches dialog does not bring port into focus.	
Symptom: Find port on right does not bring port into focus when the virtual switches tree table is expanded and the port is out of view.	
Workaround: Scroll down and manually find it.	
Feature: Virtual Fabrics	Function: Partitioning Dialog
Probability: High	Risk of Fix: Low
Found in Release: DCFM10.1.0	

Defect ID: DEFECT000232536	**Technical Severity**: Medium
Summary: Brocade Call home center is displayed in CMDCE 10.0.2 after migration from Connectrix Manager 9.7.3	
Symptom: Brocade Callhome center is displayed in CMDCE	
Workaround: Disable Brocade E-Mail call home center by unchecking the Enabled checkbox after migration	
Feature: EFCM Migration	**Function**: USABILITY
Probability: Medium	**Risk of Fix**: Low
Found in Release: DCFM10.0.2	

Defect ID: DEFECT000229929	**Technical Severity**: Medium
Summary: DCFM shows non-FCIP capable switches in the FCIP configuration wizard.	
Symptom: Customer can see and able to select the non-FCIP switches to the RHS of the FCIP config wizard in select switches step.	
Feature: FCIP	**Function**: FCIP Configuration Wizard
Probability: Medium	**Risk of Fix**: Medium
Found in Release: DCFM10.1.0	