



IBM System Storage™

# IBM Network Advisor v11.1.1a Release Notes

Copyright © 2011 Brocade Communications Systems, Incorporated.

Copyright © IBM Corporation 2011. All rights reserved.

Brocade, and Fabric OS are registered trademarks and the Brocade B-wing symbol and DCX, and are trademarks of Brocade Communications Systems, Inc., in the United States and/or in other countries. All other brands, products, or service names are or may be trademarks or service marks of, and are used to identify, products or services of their respective owners.

IBM, the IBM logo, and [ibm.com](http://www.ibm.com) are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both. A complete and current list of other IBM trademarks is available on the Web at <http://www.ibm.com/legal/copytrade.shtml>

Notice: The information in this document is provided "AS IS," without warranty of any kind, including, without limitation, any implied warranty of merchantability, noninfringement or fitness for a particular purpose. Disclosure of information in this material in no way grants a recipient any rights under Brocade's patents, copyrights, trade secrets or other intellectual property rights. Brocade and IBM reserve the right to make changes to this document at any time, without notice, and assumes no responsibility for its use.

The authors, Brocade Communications Systems, Inc., and IBM Corporation shall have no liability or responsibility to any person or entity with respect to any loss, cost, liability, or damages arising from the information contained in this book or the computer programs that accompany it.

Notice: The product described by this document may contain "open source" software covered by the GNU General Public License or other open source license agreements. To find-out which open source software is included in Brocade products, view the licensing terms applicable to the open source software, and obtain a copy of the programming source code, please visit <http://www.brocade.com/support/oscd>.

Export of technical data contained in this document may require an export license from the United States Government

## CONTENTS

<b>Overview</b> .....	<b>1</b>
<b>Software feature overview</b> .....	<b>1</b>
<b>Installing IBM Network Advisor 11.1.1a</b> .....	<b>1</b>
<b>Important Notes</b> .....	<b>1</b>
Patch Installer troubleshooting .....	1
<b>Documentation updates</b> .....	<b>1</b>
<b>Defects</b> .....	<b>2</b>
Closed with Code Change in IBM Network Advisor 11.1.1a .....	2
Closed with Code Change in IBM Network Advisor 11.1.1 .....	3

## Overview

IBM Network Advisor 11.1.1a is a patch release based on IBM Network Advisor 11.1.1. All hardware platforms and features supported in IBM Network Advisor 11.1.1 are also supported in IBM Network Advisor 11.1.1a.

The fixes included in this release are listed in the defect tables at the end of this document. IBM Network Advisor is licensed and deployed to manage SAN only networks.

## Software feature overview

No new software features were introduced in this patch release.

## Installing IBM Network Advisor 11.1.1a

Prior to installing IBM Network Advisor 11.1.1a, IBM Network Advisor 11.1.1 must be installed on the server. Installation instructions for IBM Network Advisor 11.1.1 are provided in the IBM Network Advisor 11.1.1 release notes. Please refer to the IBM Network Advisor 11.1.1a Readme file for installation instructions on how to install this patch.

## Important Notes

This section lists information that you should consider before you use IBM Network Advisor 11.1.1a. For additional information, please refer to the Important Notes sections within the IBM Network Advisor 11.1.1 release notes.

1. Firmware upgrade to SAN06B-R (2498-R06) platform using IBM Network Advisor will be disruptive to I/O on the SAN06B-R (2498-R06) platform.
2. An FTP transfer from an IBM Network Advisor Technical Support Repository dialog to a Cerberus FTP Server and an AIX built-in FTP server, does not work.

### *Patch Installer troubleshooting*

The patch installer may not launch if User Access Control (UAC) is enabled on a Windows 7/2008/2008R2 Editions. The user must first disable the UAC using the procedure provided in the troubleshooting section of the User Manual and then launch the patch installer.

## Documentation updates

The most recent IBM Network Advisor 11.1.x documentation manuals are available on the IBM Support Portal site: [www.ibm.com/supportportal](http://www.ibm.com/supportportal). In the IBM Support Portal, select or enter the product name, and then select **Documentation**. Navigate to the desired publications in the displayed results.

## Defects

### ***Closed with Code Change in IBM Network Advisor 11.1.1a***

This section lists the defects with Critical and High Technical Severity closed with a code change in IBM Network Advisor as of October 10, 2011.

Defect ID: DEFECT000362741	Technical Severity: Medium
Summary: "Base Fabric for Transport" in Logical Switches dialog is confusing to the user, it should also mention 'XISL' in the text..	
Symptom: The terminology 'Base Fabric for Transport', used to refer to XISL, can appear to be ambiguous if the text 'XISL' is not specifically mentioned.	
Feature: Virtual Fabrics	Function: Partitioning Dialog
Probability: Medium	
Found in Release: Network Advisor 11.1.2	

Defect ID: DEFECT000362743	Technical Severity: Medium
Summary: An error message is not displayed in the Configure Storage Encryption dialog for targets and Initiators that are not zoned.	
Symptom: Containers can be created even if Initiator and Targets are not in same L2 zone	
Feature: Encryption	Function: ENHANCEMENT
Probability: Medium	
Found in Release: Network Advisor 11.1.2	

## Closed with Code Change in IBM Network Advisor 11.1.1

This section lists the defects with Critical and High Technical Severity closed with a code change in Network Advisor as of August 16, 2011

Defect ID: DEFECT000347713	Technical Severity: High
Summary: Allow/Prohibit Matrix – ASM is not set when activating the Active Configuration with Active=Save option enabled in the Active Matrix confirmation dialog.	
Symptom: ASM bit is not set when activating the configuration file.	
Workaround: Close the dialog and reopen it to enable the ASM bit.	
Feature: PDCM	Function: USABILITY
Probability: Low	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000350309	Technical Severity: High
Summary: FICON – Configure cascaded FICON operation failed while setting HIF and no reason is displayed for the failure.	
Symptom: Configure cascaded FICON operation fails.	
Feature: FICON	Function: Cascaded FICON Configuration
Probability: Low	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000350497	Technical Severity: High
Summary: SMIA - ModifyRole() method for DCB devices fails to modify the complete rule of an ACL policy	
Symptom: Unable to modify the ACTION field "Permit/Deny" through ModifyRole() invoke method.	
Feature: SMI Agent	Function: CEE Switch Support SubProfile
Probability: High	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000351606	Technical Severity: High
Summary: Boot image update failed with error message for windows and VMware ESX host.	
Symptom: User will not be able to update boot image.	
Feature: HBA Management	Function: BIOS Mgmt
Probability: Medium	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000351792	Technical Severity: High
Summary: Installer - Installation hangs at 'Initialize Database' when non-default database port number is given in Server Configuration page of Configuration Wizard	
Symptom: User will not be able to complete the installation when the non-default port is used for the database.	
Feature: Installers	Function: USABILITY
Probability: High	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000352404	Technical Severity: High
Summary: Driver Download: Help dialog is not getting launched in driver repository dialog.	
Symptom: User will not be able to launch the Help dialog for the Driver repository.	
Feature: HBA Management	Function: Bulk Driver Configuration
Probability: Medium	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000353970	Technical Severity: High
Summary: Encryption: Add new LUN path does not remember previous settings in the LUN selection screen	
Symptom: User is required to re-apply the LUN setting in the ' LUN view' dialog	
Feature: Encryption	Function: CONFIGURATION
Probability: Low	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000340676	Technical Severity: Medium
Summary: VMM: Duplicate ESX host entries are shown in Product Tree for all the discovered vCenters after the fabric connected to the ESX host is unmonitored and monitored	
Symptom: Duplicate Host entries shown in Product tree	
Feature: VM Support	Function: Host Product Tree UI
Probability: Low	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000342018	Technical Severity: Medium
Summary: FICON – Merge Operation failed with the Error “Internal error occurred - Failed to perform the requested cascaded FICON merge configurations.”	
Symptom: Merge operation fails without appropriate message.	
Feature: FICON	Function: Cascaded FICON Merge
Probability: Low	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000344011	Technical Severity: Medium
Summary: VMM: Deleting a vCenter fails when the fabric is unmonitored but a host is still being managed by the vCenter	
Symptom: vCenter deletion fails and error message “Error during delete discovery Internal error” is displayed.	
Workaround: Relaunch the dialog and delete the vCenter	
Feature: VM Support	Function: VM Discovery Setup
Probability: Low	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000348771	Technical Severity: Medium
Summary: Changing Top Talkers from Tx to Rx fails with error	
Symptom: Error (buffering failed) is displayed when changing Top Talker Flows from Tx to Rx.	
Feature: Performance Management	Function: Top Talkers
Probability: Medium	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000349188	Technical Severity: Medium
Summary: Fabric Binding – Setting SCC policy failed with the reason unable to establish connection to the switch.	
Symptom: SCC policy is not configured on the fabric	
Feature: Fabric Binding & HIF	Function: USABILITY
Probability: Low	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000349291	Technical Severity: Medium
Summary: LSAN Zoning: In LSAN zoning dialog, Alias name is not shown in the WWN-fabric assigned potential member panel	
Symptom: User will not be able to see the alias name in the LSAN Zoning dialog for FAPWWN members	
Feature: ZONING	Function: LSAN Zoning Dialog
Probability: Low	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000349786	Technical Severity: Medium
Summary: Ping or traceroute from FCIP Troubleshooting times out	
Symptom: Ping or traceroute fails when IP interfaces and crossport interfaces are defined on XGE ports.	
Feature: FCIP	Function: USABILITY
Probability: Low	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000350271	Technical Severity: Medium
Summary: Support save collection for HBA/CNA fails when SSL is enabled.	
Symptom: Support save collection fails.	
Workaround: Use without SSL mode or use standalone HCM with SSL mode.	
Feature: HBA Management	Function: HCM Integration
Probability: High	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000351026	Technical Severity: Medium
Summary: Event Actions are getting triggered for both Syslogs as well as SNMP traps.	
Symptom: All raslog based messages will trigger event actions for SNMP Traps and Syslogs.	
Feature: FAULT MANAGEMENT	Function: Event Processing
Probability: Low	
Found in Release: Network Advisor11.1.0	



Defect ID: DEFECT000351441	Technical Severity: Medium
Summary: The product tree in the event actions dialog shows E Trunk Ports even when UseSelfIndex option is not selected.	
Symptom: Cannot create event action while selecting a switch with E Port trunks configured on it.	
Workaround: Provide the IP address in the Provide IP address, WWN, source name text box.	
Feature: FAULT MANAGEMENT	Function: Event Processing
Probability: Medium	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000351688	Technical Severity: Medium
Summary: Master Log – Incorrect Description and details are displayed for the link failure event.	
Symptom: Incorrect details are displayed in the Master Log event description.	
Feature: FAULT MANAGEMENT	Function: Master Log
Probability: Medium	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000351889	Technical Severity: Medium
Summary: Logical Switches – Failed to unbind the addresses from the ports when moved between the logical switches.	
Symptom: Unbind port addresses operation is not successful	
Feature: Virtual Fabrics	Function: Partitioning Dialog
Probability: Medium	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000352018	Technical Severity: Medium
Summary: If LKM certificate has value other than Decru the BES will not accept the certificate from DCFM	
Symptom: When attempting to link the BES to an LKM key vault, if the SSL certificate of the LKM has a value other than Decru, Inc. for the Organization field, the BES will not accept the certificate from DCFM.  The following error is displayed by DCFM when attempting to import the certificate: The primary key vault certificate is not issued by the key vault vendor. Either the key vault type is set incorrectly, or the wrong certificate has been loaded for the primary key vault.	
Workaround: Use CLI rather than DCFM to import and register the LKM certificate if the value has been changed from Decru to something else.	
Feature: Encryption	Function: CONFIGURATION
Probability: Low	
Found in Release: DCFM10.4.2	Service Request ID: 601119

Defect ID: DEFECT000352407	Technical Severity: Medium
Summary: Customer's log is flooded by SNMPUSM message.	
Symptom: Customer observes many SNMPUSM messages in the DCFM log. Info sw7B 137.156.140.100 Security Event SNMPUSM stats not in time window on 137.156.140.100 Thu Feb 03 07:15:11 CET 2011 Thu Feb 03 07:15:12 CET 2011 Thu Feb 03 07:15:11 CET 2011 Thu Feb 03 07:15:11 CET 2011 2 10412 20:00:08:00:88:29:B6:20 Info sw7B 137.156.140.100 Security Event SNMPUSM stats not in time window on 137.156.140.100 Thu Feb 03 06:42:10 CET 2011 Thu Feb 03 06:42:11 CET 2011 Thu Feb 03 06:42:10 CET 2011 Thu Feb 03 06:42:10 CET 2011 2 10412 20:00:08:00:88:29:B6:20 Info sw7B 137.156.140.100 Security Event SNMPUSM stats not in time window on 137.156.140.100 Thu Feb 03 06:09:09 CET 2011 Thu Feb 03 06:09:09 CET 2011 Thu Feb 03 06:09:09 CET 2011 1 10412 20:00:08:00:88:29:B6:20	
Feature: UNDETERMINED	Function: UNDER REVIEW
Probability: Low	
Found in Release: DCFM10.4.1	Service Request ID: 599107

Defect ID: DEFECT000352989	Technical Severity: Medium
Summary: Master Log: Invalid characters (series of numbers like OID) is displayed in the Description of Master Log Event	
Symptom: User will be shown incorrect description in the Master Log.	
Feature: FAULT MANAGEMENT	Function: SNMP Registration
Probability: Medium	
Found in Release: Network Advisor11.1.0	

Defect ID: DEFECT000353735	Technical Severity: Medium
Summary: BNA is trying to backup EOS fabrics when backup all fabrics is checked.	
Symptom: BNA will attempt to backup EOS fabrics when backup all fabrics is checked.	
Feature: Configuration Management	Function: SAN - Scheduled Backup
Probability: Low	
Found in Release: Network Advisor11.0.0	

Defect ID: DEFECT000353797	Technical Severity: Medium
Summary: Moving ICL ports to another logical switch reports an "operation not supported" message when unbind option is selected.	
Symptom: An error message "The indicated partition does not support this operation " will be displayed.	
Feature: Virtual Fabrics	Function: USABILITY
Probability: Low	
Found in Release: DCFM10.4.5	

Defect ID: DEFECT000354536	Technical Severity: Medium
Summary: Performance Management - Clear Counters Progress bar does not get closed even after the process is completed	
Symptom: User will be shown the progress bar until the client is closed and relaunched.	
Feature: Performance Management	Function: PMService
Probability: Low	
Found in Release: DCFM10.4.5	