

Spectrum Software Release Notice for CA Spectrum

11/28/2018 Revision 1.0

10.03.00.BMP_10.3.002

```
#####  
#                                                                 #  
# IMPORTANT:                                                    #  
# This software release is provided as an interim              #  
# solution to the problems associated with the                  #  
# anomalies listed below. This software may not                #  
# be compatible with subsequent software releases.            #  
#                                                                 #  
#####
```

REQUIREMENTS

SPECTRUM 10.03.00 is the prerequisite for installation of this patch.
This patch needs to be installed on both SpectroSERVER and OneClick Server.

OVERVIEW

This is a BMP patch for the following issues:

(DE336915, 00921151)

Symptom: Offending value is minor while service health is down.
Resolution: Offending value is not shown as minor when service health is down.

10.2.3. D422: (DE340311, 00925224)

Symptom: Devices with Network_Address attribute set to 0.0.0.0 or <empty> do not properly alarm during steady-state but do alarm at startup. This causes ghost alarms to appear during FT alarm synchronization.

Resolution: SNMP and ICMP based models have been extended with new intelligence to pre-validate changes to Network_Address attribute, blocking changes to invalidate addresses.

(DE353002, 00984537)

Symptom: Interface Tab is not reflecting the information for device and port connected for few interfaces.

Resolution: In case the required information is not updated automatically, then by selecting the refresh button on the interface tab, all the details for the device and port connected should be updated.

(DE365950, 00983297)

Symptom: Fault isolation consider all the device connected to FANOUT as a new fault Record resulting multiple unresolved alarms on the FI model in case all the device goes down.

Resolution: It was a FAD so the solution is added as a configurable parameter, it won't allow to create multiple fault record in case of FANOUT resulting in no multiple Unresolved alarm .

(DE367237, 01012525)

Symptom: The UIM integration is causing devices that are actually placed in specific containers to move out and placed under Universe root when the UIM sync occurs.

Resolution: The UIM integration will not move devices from its containers to Universe root.

(DE368406, 01092190)

Symptom: Watch alarm script permissions issue on Windows.

Resolution: Leveraging the mapped unix permissions for WIN32 to get the right execution permission.

(DE369146, 01105303)

Symptom: Spectrum is generating false "module removal detected" alarm on some modules.

Resolution: Spectrum will not generate false "module removal detected" alarm on modules.

(DE372295, 01109472)

Symptom: Duplicate models are being created after reconfiguration for checkpoint firewall.

Resolution: Duplicate Models are not getting created after reconfiguration.

(DE374812, 01115395)

Symptom: Issue is occurring because different OID instance is used to send the disk information every time whereas spectrum checks for the response from the same OID instance

Resolution: Handle the same instance for different disk so that disk status is properly updated with spectrum.

(DE375390, 01136828)

Symptom: In availability report (drill down) Wrong calculation on down time.

Resolution: Corrected the down time calculation in availability (drill down) report.

(DE375989, 01138940)

Symptom: Link Information not displayed correctly in some specific cases.

Resolution: Link Information will now be displayed properly.

(DE376099, 01131078)

Symptom: NCM config buckets count increasing and processing stopped with error while parsing event vardata

Resolution: All the NCM config Buckets will be processed by skipping the corrupted event, which has null values for the current and previous MH.

(DE377934)

Symptom: HP device type models do not convert to HPIRF stack device after upgrade.

Resolution: HP device type models will be converted to HPIRF stack device after upgrade.

(DE378256, 01105046)

Symptom: Duplicate RTM_TestHost models were created after SpectroSERVER restart.

Resolution: Duplicate RTM_TestHost models will not be created after SpectroSERVER restart.

(DE379297, 01114546)

Symptom: SpectroSERVER processes using TLSv1 protocol to communicate with oneClick.

Resolution: SpectroSERVER processes now using TLSv1.2 protocol to communicate with oneClick.

(DE379776, 01161401)

Symptom: Wrong Ideal days calculation in current port assets customizable all report.

Resolution: current port assets customizable all report gets the correct Ideal days calculation

(DE379802)

Symptom: Patch installation failing because Perl executable path was still pointing to older Perl.

Resolution: Changed the path to the new Perl path. Patch installation is successful

(DE381186, 01167708)

Symptom: Migration of DataCenter to different landscape moves the wrong DataCenter in case if different vCenters having data centers with same name.

Resolution: Migration of DataCenter to different landscape moves the correct DataCenter even if different vCenters having data centers with same name.

(DE381724, 01137512)

Symptom: Customer is unable to add policies to global collection.

Resolution: Fixed the issue, now non MLS policy is getting added to GC in OC view.

(DE381804, 01171620)

Symptom: The REST API call results in an error message.

Resolution: The REST API call will run successfully without any error messages.

(DE382107, 01007469)

Symptom: Secondary SpectroSERVER is crashing after online backup.

Resolution: Secondary SpectroSERVER does not crash after Online Backup.

(DE383903, 01181959)

Symptom: SS crashed due to memory growth.

Resolution: Fixing the memory issues for SNMP v3.

(DE384818, 01187204)

Symptom: Interface condition was not getting updated every time based on module status.

Resolution: Interface condition is updated correctly as per the module status.

(DE384905, 01185223)

Symptom: Link down alarm are not process correctly on interfaces from TrapX when Object instance ID is very large.

Resolution: Link down alarm are process correctly from TrapX when Object instance ID is very large.

10.03.00.D04a:(DE385840, 01195667)

Symptom: SS Unresponsive with large no. of alarms

Resolution: Enhanced trap processing

(DE386123, 01197044)

Symptom: Archive Manager Event data loss after converting database from MyISAM to InnoDB if the data is less than 10 days .

Resolution: Archive Manager database will be converted from MyISAM to InnoDB without any data loss.

(DE386817)

Symptom: SpectroSERVER is stuck in model activation state because of few UIM model types added to GC.

Resolution: SpectroSERVER is started and model activation successful after modifying UIM Bidirectional search criteria.

10.03.00.D11: (DE387545, 01206152)

Symptom: SpectroSERVER stops polling

Resolution: Code cleanup in correlation area

(DE388021, 01205923)

Symptom: If disk name is larger than normal, it results in a failure as the wrong information is parsed.

Resolution: Used "df -P" command instead of "df" command to avoid line breaks.

(DE388717)

Symptom: Parsemaps do not work as the regex is looking for "filename:"

Resolution: Regex is changed so that Parsemaps work.

(DE389839, 01217361)

Symptom: After 10.3 InnoDB database migration, ddm_load and ddm_save backup are consuming a lot of disk space during execution.

Resolution: optimized the ddm_save and ddm_load tools processing to consume less disk space during execution.

(DE390967, 01218871)

Symptom: Watches are generating violation alarms

Resolution: Watch violation alarms will not be generated unless violation.

(DE391733, 01228068)

Symptom: Empty Trunking port type models causing vLan port list to grow high, causing OLB and SS failure.

Resolution: Now vLan port list will not grow and will not lead to OLB and SS failures.

(DE392537,01231334)

STOP RESPONDING TO POLL alarms got aged out after 10.3 upgrade

(DE394767)

Fault Correlation Domain missing policies

(DE395404, 01249647)

Symptom :A spectrum modeling information is not available for VNM model and Pingables on 10.3

Resolution: Made the code changes and The local tests were made and found to be successful.

(DE395701)

Symptom: After importing ipv6 config file on sdm spectro server got crashed

Resolution: Impoting ipv6 config file on sdm should work

BILL OF MATERIALS

ReleaseNote.BMP_10.3.002.txt

runme (Linux/Solaris)

uninstall_BMP_10.3.002.pl (Linux/Solaris)

libadisc.so.1 (Linux)

libalert.so.1 (Linux)

libalert.so.1 (Linux)

libcpqnk.so.1 (Linux)

libEaccsBase.so.1 (Linux)

libgag.so.1 (Linux)

libgas.so.1 (Linux)

libhph3c.so.1 (Linux)

libhpse.so.1 (Linux)

libjpr1000ss.so.1 (Linux)

libmdlsvint.so.1 (Linux)

libmdlsvutil.so.1 (Linux)
libnmsf.so.1 (Linux)
libPort.so.1 (Linux)
librmonss.so.1 (Linux)
librtms.so.1 (Linux)
libslm.so.1 (Linux)
libsskrnl.so.1 (Linux)
libimportcore.so.1 (Linux)
libUIgen.so.1 (Linux)
libvlanfi.so.1 (Linux)
libVPapi.so.1 (Linux)
libSWcli.so.1 (Linux)
libSWih.so.1 (Linux)

libadisc.dll (Windows)
libalert.dll (Windows)
libalert.dll (Windows)
libcpqnk.dll (Windows)
libEaccsBase.dll (Windows)
libgag.dll (Windows)
libgas.dll (Windows)
libhph3c.dll (Windows)
libhpse.dll (Windows)
libjpr1000ss.dll (Windows)
libmdlsvint.dll (Windows)
libmdlsvutil.dll (Windows)
libnmsf.dll (Windows)
libPort.dll (Windows)
librmonss.dll (Windows)
librtms.dll (Windows)
libslm.dll (Windows)
libsskrnl.dll (Windows)
libimportcore.dll (Windows)
libUIgen.dll (Windows)
libvlanfi.dll (Windows)
libVPapi.dll (Windows)
libSWcli.dll (Windows)
libSWih.dll (Windows)
libEaccsAdv.dll (Windows)

libEaccsBase.dll (Windows)
convert_current_myisam_to_innodb.pl
convert_saved_myisam_to_innodb.pl
clientcpqnk.jar
ddm_load.exe
ddm_save.exe
post_install_script
webscm.jar
appletscm.jar
clientscm.jar

webslm.jar
webtopo.jar
applettopo.jar
clienttopo.jar
search-spectrum-inventory-for-uim.xml
clientnimsoft.jar
nimsoft.jar
spectrumrest.jar
rpmgr.jar
spectrumConfigInstaller.jar
rpmgr-core.zip
SDC_Install_Linux.tgz
SDC_Install_Windows.tgz
sso-authenticator.jar
corbarc.cus
modelinggatewayresource.xml
modelinggateway100.jar
modelinggateway.jar
runme.exe (Windows)
uninstall_BMP_10.3.002.exe (Windows)

INSTALLATION INSTRUCTIONS

NOTE: Please set all file permissions and ownership to the permissions and ownership of the existing libraries and files that you are replacing.

NOTE: You should not copy debug or PTF patches for CA Spectrum into a directory that contains a space in the name. This will cause the installation of the debug or PTF patch to fail.

NOTE: As `root` or an Administrator user:

1. Shutdown the OneClick Server, SpectroSERVER and processd.
2. Copy the SPECTRUM release files into a clean directory and start the installation as follows:

For Windows:

-Save "Spectrum_10.03.00.BMP_10.3.002.Windows.exe" in a directory of your choice.

- In a bash shell run:

"./Spectrum_10.03.00.BMP_10.3.002.Windows.exe" - Click on OK in the pop-up, once the installation is complete.

For Linux:

- Save "Spectrum_10.03.00.BMP_10.3.002.Linux.txe" in a directory of your choice.
- Type: "chmod 755 Spectrum_10.03.00.BMP_10.3.002.Linux.txe" to change the permissions of the file. -
"./Spectrum_10.03.00.BMP_10.3.002.Linux.txe"

POST INSTALLATION INSTRUCTIONS

1. Start the processd, SpectroSERVER and OneClick Server.

UNINSTALLATION INSTRUCTIONS

NOTE: Please keep your directory that you installed the patch from, as you will not be able to uninstall without it.

1. Shutdown the OneClick Server, SpectroSERVER and processd.
2. Go to the directory that you installed the patch from.
Run uninstall_BMP_10.3.002.pl (Linux/Solaris).
Run uninstall_BMP_10.3.002 (Windows).
3. Start the processd, SpectroSERVER and OneClick Server.

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