

**R12.2.1 AlliedView™ Network Management System
(AlliedView NMS)**
R12.2.1 Release Notes - Issue 1
Service Pack Version: R12.2.1
Software Release: NMS_R12.2.1_2011_03_10_0100_GM

Purpose

The purpose of this Service Pack is to bring R12.2 systems to R12.2.1.

Installation Prerequisite

This Service Pack may only be applied to the R12.2 release. It is compatible with both the Service Provider and Enterprise editions of software, and is compatible with both Windows and Solaris operating systems.

Installation Instructions

Upgrade Packs are designed to upgrade an NMS to the next major software release. Service Packs enhance and modify NMS software within a major software release. Refer to the latest version of the Installation Guide for the applicable instructions on upgrading software and how to add and remove Service Packs for this release.

System Requirements

The AlliedView NMS Server is designed to run on Windows and Solaris. The following information describes the minimum platform requirements for this release (recommended requirements are in parentheses).

OS: Windows Server 2003 or 2008

Processor: Intel Xeon dual core 2GHz or equivalent, (Intel Xeon quad core 2.4GHz or equivalent)

RAM: 4 GB (4GB)

Disk: 20GB (20GB)

Monitor: 1280x1024 resolution

OS: Solaris 10

Processor: UltraSPARC T1 1.0 GHz (UltraSPARC T2 1.2 GHz)

RAM: 4 GB (8GB)

Disk: 20GB (20GB)

Monitor: 1280x1024 resolution

Performance can be impacted on systems that do not meet the minimum requirements.

Feature List

The following is a list of new feature content that has been added by this release.

1. **Support of AT-9000 New Firmware**
2. **Support of Cost Reduced iMGs**
3. **iMG Replacement - Defective Unit**

Bug Fixes

The following is a list of bug fixes and corrective content that have been added by this release.

SP 2.1

1. **PR 23052 - Juniper/SNMP: Get-Request**
Juniper devices will not detect intrusions due to write community discovery.
2. **PR 23113 - Extreme/SNMP: Get-Request**
Extreme devices will not detect intrusions due to write community discovery.
3. **PR 22889 - GE24-BX Provision**
User will now see and be able to edit the speed and duplex settings on the view/modify windows of GE ports.
4. **PR 22973 - Cannot Provision an ONU Port**
ONU port provisioning is now successful again.
5. **PR 23078 - Northbound Interface Unable to Provision ONU Port**
The NBI has been updated to allows successful lookup of profiles used during the provisioning on ports.
6. **PR 23094 - Internet Profile Change Provisioning Not Working Correctly**
While initial customer provisioning was correct, some modifications to Internet service failed to add the Internet VLAN to iMG/RG CPU port where it's needed for routed service and CPU rate limiting. Added checks for these configurations, and if found, added the VLAN.
7. **PR 23013 - No Trap Parser Defined for SNMP VCStack Trap**
VCStack notifications have been added to the trap parser and are now properly handled by the NMS.
8. **PR 21768 - iMAP Fails to Discover After Deleting Objects and Traces**
Now the customer can delete a node participating in a network of VLANs, including EPSR, and re-add the node afterward and the VLAN maps will be put together correctly.
9. **PR 22914 - Silent Discovery Failure for Ether-Channel**
Error no longer seen during VLAN discovery.
10. **PR 22234 - Failed to Deploy QoS Policy**
deploying or redeploying a policy in a particular port, it will remove the policy in the port and then delete the policy and create a new one.
11. **PR 22231 - Failed to Create Class-Maps For QoS Policy**
When deploying or redeploying a policy in a particular port, it will remove the policy in the port and then delete the policy and create a new one.

12. **PR 22226 - Failed to Show Entry in QoS Deployments**

When deploying or redeploying a policy in a particular port, it will remove the policy in the port and then delete the policy and create a new one.

13. **PR 22223 - Failed to Redeploy QoS Policy**

When deploying or redeploying a policy in a particular port, it will remove the policy in the port and then delete the policy and create a new one.

Known Problems

The following are known problems with the current version of AlliedView NMS software.

1. **Some actions may result in the message Cannot retrieve device information from NMS Database**

This situation happens when all connections to the NMS database are in use and no free connections are available. This is not a common occurring situation and connections are used and freed in extremely small time slices. To work around this problem, the action that was being performed can be repeated.