



2008.2.016 Release README

August 2008

Bug Fixes Issues with this Release

- Parameter Passing for the Portal Page has been fixed so the Portal page can be configured with parameters and the Nomadix Parameters added to the end will not be initiated with a second '?'
- If IPUpsell is utilized but the public pool is exhausted the system will hand out Private IP addresses for all users.
- Multiple Routers are now supported on the first hop on the subscriber side of the NSE in Routed subscriber mode. A Persistent Route and ARP need to be entered for each First HOP Router Now instead of just the one MAC address.
- External Radius Test Page now supports CHAP and MSCHAP instead of only using PAP.
- Network Side IP Addresses are no longer added to the Subscriber Table when utilizing Routed Subscriber Module
- After the NSE sent multiple "proxyBufGet: cannot get a PROXY BUF" Error syslogs the NSE would reboot this issue has been addressed and the system does a better job of managing the buffers.
- The Dialog box that would appear after changing the telnet port has been removed because the verbage was confusing.
- SNMP Traps that were not being sent properly in the last release have been reinitialized and are now being sent properly.
- CLI case sensitivity for configuration options has been removed..
- HOBIC PMS configured to not show the decimal no longer displays the decimal in the Verification of purchase screen in the IWS.

Known Issues with this Release

- ICC does not support changing billing plans if subscribers purchased access with Post-Paid PMS.
- In rare situations, the NSE may fail to send LCP Echo-Requests to the PPPoE server, even though configured to do so. When this occurs, a physical reboot is required.
- NetMeeting video and audio may not work when the NSE is configured to use PPPoE. The issue is when the NSE does not receive an address, be it from DHCP or

PPPoE, the only way to access it from the subscriber-side is if the subscriber system is on the same subnet as the admin IP.

- L2TP has some reconnection issues. If the L2TP portion goes down and the PPP tunnel is not gracefully removed, the re-launch of the tunnel won't happen until the PPP session has been cleared.
- There were a number of pagefaults identified that were all in the HTTPD task. A number of them have been fixed but all of the ones that were identified could still appear now and then.
- The SNMP MIB contains SNMP objects for all major NSE features running on the Access Gateway. If your current license does not contain a particular feature, you will not be able to GET or SET the object for the feature.
- Some settings in the Access Gateway take longer to update. For example, **systemCurrentDateAndTime** and **reboot**. You may experience a "No Response" error message when you set the object. To avoid this problem, we recommend you set the timeout to 3 seconds in the SNMP client software.

Examples:

For HP OpenView, go to **Options** then **Customize Device Access** and set the **Timeout** to 3000 milliseconds.

For CastleRock, right-click on the device and go to **Properties** then **Attributes**, and set the **Poll Timeout** to 3 seconds.

- You cannot configure Auto-Configuration using SNMP.
- You cannot Delete All DAT Sessions using SNMP.
- You cannot configure PMS interface settings using SNMP.
- The Administrative interface that displays the DAT sessions for the Nomadix NSE shows both Active and Inactive sessions at the same time. While the DAT session cleanup routine is working, there will still be inactive sessions on a unit that are displayed in the management interface.
- Subscribers with an IP address on the same subnet as a Remote IPSec subnet do not get redirected to the splash and login page correctly.

Implementation Recommendations

- **Configuration of Routed Subscribers (AG 5500 Only)** The best way to configure the network is to set up a real subnet defined on the subscriber side. In 2008.2, the route to the remote subscriber subnets has to be defined such that the gateway IP is on a different logical subnet from the destination subnet. This is a standard way of configuring a route to a remote subnet. Example, destination subnet: 192.168.10.0/24, Gateway: 192.168.1.1. Thus, one could define an IP subnet of 192.168.1.0/24 on the subscriber interface. Also, each physical subscriber interfaces should use a different phantom IP subnet.

The following table relates the appropriate current NSE release build numbers to gateway. Release 2008.2 is not available on the AG 2000w, and AG 2100 at this time.

HSG	2008.2.016
AG 2000w/w+	2008.1.010
AG 2100	2008.1.005
AG 3000	2008.2.016
AG 3100	2008.2.016
AG 5000	2008.2.016
AG 5500	2008.2.016

Accessory Box Contents

Note that the contents of the Accessory Box that ships with AG 3100 and AG 5500's has changed. The following is the updated list of contents. This supersedes the information in the User Guide.

- **AG 3100**

- 1 - Nomadix Service Engine Accessory CD
- 1 - Non-Euro Power Cable
- 1 - Euro Power Cable
- 1 - 6' Serial Null Modem Cable
- 2 - Rack Mount Brackets (Green)
- 1 - Bumper and Screw Kit

- **AG 5500**

- 1 - Nomadix Service Engine Accessory CD
- 1 - Non-Euro Power Cable
- 1 - Euro Power Cable
- 1 - 6' Serial Null Modem Cable
- 2 - Rack Mount Brackets (Green)
- 1 - Bumper and Screw Kit

- **AG 5500 Metro Bundle**

- 1 - Nomadix Service Engine Accessory CD
- 1 - Non-Euro Power Cable
- 1 - Euro Power Cable
- 1 - 6' Serial Null Modem Cable
- 2 - Rack Mount Brackets (Green)
- 1 - Bumper and Screw Kit

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