



2008.3.046 Release README

August 2009

Bug / Issue Fixes with this Release

- An authfile corruption condition that occurred with the NSE Failover function has been corrected.
- A DNS issue regarding RFC compliant behavior with respect to non-existent domains has been corrected.
- An issue has been corrected in which the login screen may not display if packets are received from pending subscribers that are larger than the allowed MTU size.
- Changes in IP address are no longer reflected in the user authentication table. The change will be displayed in the Current table only.
- Devices added via SNMP are now displayed correctly in the web management interface.
- The default SMTP redirect setting (enabled) is now displayed properly in the CLI.
- A timer problem has been fixed that occurs when the NSE is sending XML USER_STATUS posts to a server using an SSL connection and the server fails to respond with an HTTP OK. The NSE makes three attempts 15 seconds apart to send the post before giving up and moving on to the next item in its queue.
- Outgoing http packets from proxied users are now counted correctly in the Current table "sent bytes" and "sent packets" counters.
- Several pagefault situations have been corrected.
- A directive has been implemented so that Safari on Mac that is set to a "kiosk" configuration will correctly interpret NSE responses as HTML.
- The NSE will now allow two different subscribers to set up IPSec tunnels to the same IPSec VPN server if INAT is disabled. This is limited to client/server implementations that utilize IPSec NAT-Traversal.
- A situation that could potentially allow access by unauthorized subscribers has been corrected.

Improvements with this Release

- NSE boot-up time has been significantly reduced.
- Several overall performance improvements have been implemented.

- Support has been added for the proxied user http "keepalive" implementation now used in the latest versions of Mozilla Firefox. This corrects a situation in which pages in Firefox were being displayed as "not found" when they would display properly in Internet Explorer.

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.
- When the NSE is configured to use a dynamic address (whether via DHCP or PPPoE), but for some reason is unable to obtain one (such as a link-down condition on the network side) subscriber-side access to the unit will succeed only if the subscriber system is on the same subnet as the NSE's administrative 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.
- 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 and later releases, 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.

AG 2100	2008.1.005
AG 3000	2008.3.046
AG 3100	2008.3.046
AG 5000	2008.3.046
AG 5500	2008.3.046

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 2100**
 - 1 – AG 2100 Unit
 - 1 - Nomadix Service Engine Accessory CD
 - 1 - Non-Euro Power Cable
 - 2 - Euro Power Cable
 - 1 - 6' Serial Null Modem Cable
 - 1 – PoE Power Entry Injector
 - 2 – Power Adapters (48V, 5V)
 - 1 – Bumper and Screw Kit
- **AG 3100**
 - 1- AG 3100 Unit
 - 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- AG 5500 Unit
 - 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- AG 5500 Metro Unit
 - 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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