



Nomadix Service Engine (NSE) - 2008.1.005

Release README

February 2008

New Features Available with this Release

- **Marriott LOOK Command support for PMS:** We have now added the support for 2-way Marriott PMS systems to support the LOOK command in their specification. This change allows the user to enter their room number and last name. This modifies prior releases which required the user to enter the last 4 digits of their credit card number and the cards expiration date. This change has been certified with Marriott and is under the PMS page for WFB (name and room).
- **XML Enhancements:** There are two new changes to our XML interface. The first change is to support the Marriott WFB PMS billing in both the User_Payment and User_Purchase commands. There are additional elements to these commands that support the Marriott interface so check the latest Nomadix DTD for those changes. The second change is to allow a \$0.00 posting to be made using the User_Purchase command.
- **WIFI Client GIS Fix:** We found that there was an issue with the implementation of the GIS for WIFI roaming clients. This had been implemented with respect to the Next_URL element. This issues has been addressed by placing CDATA wrappers around the information in the element so that there are no longer any parsing issues with the contents of those elements by Roaming Clients

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 Now. A Static 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

Known Issues with this Release

- SSL can be enabled from the AAA page when no SSL Certificates are present in the flash of the NSE. This causes problems for users that are trying to access the NSE's IWS pages.
- 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

No special implementation actions are required

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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