



# Secure Router 1001,1001S, 1002, 1004, and 3120

Software Release 9.2.3

## 1. Release Summary

Release Date: 07-May-2007

Purpose: Software maintenance release to address customer found software issues.

## 2. Important Notes before Upgrading to This Release

For Secure Router customers who are upgrading to v9.2.3 from a Secure Router version earlier than v9.2.0, it is highly recommended to refer to the v9.2.0 release notes for details on upgrading, converting units running Tasman branded code, and changes to the default settings. The Secure Router 1000/3120 v9.2.0 release notes can be found here:

<http://www130.nortelnetworks.com/go/main.jsp?cscat=DOCDETAIL&DocumentOID=523853&RenditionID=REND832949&poid=15961>

For users upgrading to v9.2.3 from a release earlier than v9.2.0, it is recommended that you install the v9.2.3 software upgrade through the console port since telnet, SNMP agent and WebUI enabled settings are not retained during the upgrade process. Starting with v9.2.0, the default settings for telnet and WebUI are now specifically disabled. Another option would be to enable SSH and save the configuration prior to the upgrade. Once the router has been upgraded to v9.2.0 or higher, users must explicitly enable these settings and save the configuration. Please refer to the v9.2.0 release notes for additional details.

Note: **IMPORTANT** - If your Secure Router unit is configured for Radius or Tacacs Service, you must follow these upgrade procedures when upgrading from an earlier release to v9.2.3.

To make the handling of Radius and Tacacs work properly when changing the shared key it requires that the Radius/Tacacs are disabled when setting it. In the previous release the enabling aaa facility came prior to the radius settings. Under the v9.2.3 release the aaa service enable command is stored after both the tacacs and radius sections to insure that the service is disabled prior to setting the key.

1) Before loading the v9.2.3 release you must enter the following commands

- configure t
- aaa
- no enable
- save local

2) Boot the v9.2.3 release. Enter the following commands:

- Configure t
- aaa
- enable
- save local

Stored configuration is saved in the proper order.

### **3. Platforms Supported**

Nortel Secure Router 3120  
Nortel Secure Router 1001  
Nortel Secure Router 1001S  
Nortel Secure Router 1002  
Nortel Secure Router 1004

### **4. Notes for Upgrade**

Please see the technical documentation for the Secure Router 1000 and 3120 version 9.2 available at: <http://www.nortel.com/support> (select Categories and then Routers & Routing Switches) for details on how to upgrade your Secure Router unit.

#### **File Names for This Release**

<b>Description</b>	<b>File Size</b>	<b>Version</b>	<b>File Name</b>
Secure Router 3120 Application Image	9,253,769	'r9.2.3'	H1000.Z
Secure Router 1002/1004	8,533,068	'r9.2.3'	T1000.Z
Secure Router 1001	9,657,405	'r9.2.3'	J1100.Z
Secure Router 1001S	10,109,739	'r9.2.3'	JP1010.Z

### **5. Version of Previous Release**

Software Version 9.2.2

### **6. Compatibility**

N/A

### **7. New Features in the 9.2.3 Release**

N/A

## Problems Resolved in the 9.2.3 Release

Bug Reference	Subsystem	Severity	Priority	Description
Q01612873	Frame Relay QOS	Data Loss	P3	Ping sweep from 64 to 10,000 can cause Frame Relay with CBQ to stop sending packets at a certain point and not recover
Q01637477	Tacacs	Crash	P2	Under certain conditions, unable to login into the SR 3120 with Tacacs after the initial login
Q01641301	ISDN	Crash	P1	Router crash on SR1001 when receiving an ISDN call without caller number.
Q01611126	HDLC	Broken Feature	P3	hdlc_link_activate command under the bundle display a bad message in automatic mode
Q01610470	HDLC	Broken Feature	P3	hdlc_error command would not reset back to factory defaults

### Notes:

- Q01637477 – Under certain conditions, Tacacs would not work properly if key was changed while Tacacs service was enabled. The CLI was changed to not allow the user to change the Tacacs key unless the service is disabled. Also, the Tacacs authentication would revert to secondary authentication method if a user failed to log in. This has been changed to only revert to the secondary authentication if the router can not access the Tacacs server.
- Q0161126 and Q0160470 are related in that it was causing users to think that they needed to convert their router to manual mode.
- Q0161126 – When the hdlc\_link\_activate command under the bundle display the message was changed to state simply the bundle will automatically restore the links rather than an error. When the user got the message that issuing the hdlc\_link\_activate command was an error they were converting to manual mode without understanding what manual mode meant.
- Bug Q01610470 - Resetting the hdlc values were not being set to factory defaults. The factory defaults have been changed to the following values:

```

SR 1000/3120 Settings
    Under hdlc_error command
        Hdlc error threshold  6000 errors - changed from 1000 (which was too low)
        Hold time             20 seconds
        Min error threshold   3000 errors – changed from 900
    Under hdlc_link_activate command
        Swichover value 0 – automatic mode, changed from 1 - manual mode
    
```

## 8. Outstanding Issues

Refer to the Secure Router 1000/3120 version 9.2.0 Release notes

## 9. Known Limitations

Refer to the Secure Router 1000/3120 version 9.2.0 Release notes

## **10. Documentation Corrections**

N/A

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