



Upgrade Path for the Nortel VPN Router

Introduction

If an upgrade of the server code for the Nortel VPN Router (NVR) is to span several versions of code it should be done in a stepped fashion to minimize potential problems. This document describes a basic upgrade path to a level of V06_05.100 (though you may stop at any desired code level along the way), but does not cover the actual upgrade process. This document does not cover all situations, and does not take into account all of the issues present or fixed in each code level. It is recommended that an upgrade be tested in a lab environment, but at a minimum, the release notes for each code level along the upgrade path should be read.

Associated Products

The information in this document is intended to be used with the following product(s) with the indicated software or hardware revisions:

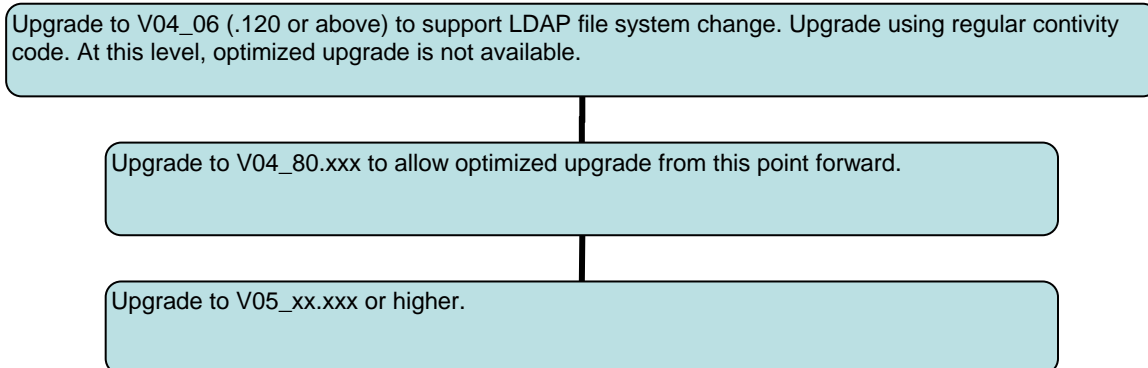
Product Name or Order Number	Revision Information	
	Potentially Affected	Corrected
Nortel VPN Routers (formerly Contivity Secure IP Services Gateways): 600, 1000, 1010, 1050, 1100, 1500, 1600, 1700, 1740, 1750, 2000, 2500, 2600, 2700, 4000, 4500, 4600, 5000	All supported	N/A

Current Nortel VPN Router Models

NVR 600

Important Note: An NVR 600 with 64MB of RAM can be upgraded to V04_06.xxx (128 bit). Use regular code. At this level, optimized upgrade is not available.

For a Nortel VPN Router 600 with 128MB of RAM:





Notes: Optimized upgrade (use of the tar.gz file) was available starting in V04_80.xxx. It is faster and more reliable than doing the upgrade from the normal directory structure. If the 600 is upgraded to V04_06.xxx or higher, it is vital to upgrade the recovery disk image per Technical Tip tt-0510402a, “Upgrading recovery disk image on Nortel VPN Router 600.”

NVR 1010, 1050, 1100

Important: Upgrades to this series of NVRs require the use of the diskless code. The upgrade path for this series depends on the amount of flash memory present. Note the difference between flash memory and system memory. The NVR 1010, 1050 and 1100 models come with flash memory (either 32MB or 64MB) which acts as a hard drive. To determine the amount of flash memory your NVR has, go to the Status > System page. All 1010/1050/1100 models come with 128MB system memory.

For a Nortel VPN Router 1010, 1050, 1100 with 32MB of flash memory:

V04_07 code is the first code release for the 1010/1050/1100.

To upgrade a NVR 1010/1050/1100 with 32MB flash memory, the box must be factory-defaulted, then upgraded using the Recovery disk image.

With 32MB flash memory, the highest supported code level is V04_85.xxx. V04_90.xxx and above require 64MB.

For a Nortel VPN Router 1010, 1050, 1100 with 64MB of flash memory:

V04_07 code is the first code release for the 1010/1050/1100.

Upgrade to V04_80.xxx to allow optimized upgrade from this point forward.

Upgrade to V05.xx.xxx or higher, then update the recovery disk image.

Notes: Optimized upgrade (use of the tar.gz file), was available starting in V04_80.xxx. It is faster and more reliable than doing the upgrade from the normal directory structure. If the 1010/1050/1100 is upgraded, it is important to upgrade the recovery disk image.



NVR 1600, 1700, 1740, 1750, 2600, 2700, 2750, 4600, 5000

Upgrade to V04_06 (.120 or above) to support LDAP file system change. Upgrade using regular contivity code. At this level, optimized upgrade is not available.

Upgrade to V04_80.xxx to allow optimized upgrade from this point forward.

Upgrade to V05_xx.xxx or higher using optimized upgrade.

Note: Optimized upgrade (use of the tar.gz file), was available starting in V04_80.xxx. It is faster and more reliable than doing the upgrade from the normal directory structure.

NVR 4500

The NVR 4500 may be upgraded in the same manner as the NVR 4600, however, the last supported code version for the NVR 4500 is 5_05.xxx.

Discontinued and Unsupported Nortel VPN Routers

Contivity 1000

The last supported code version for the Contivity 1000 was 3_00.xxx.

NVR 1500, 1510, 2000, 2500, 4000

The last supported code version for these models was 4_55.xxx. If current code level is below 4_06.120, then upgrade to 4_06.xxx (.120 or higher) to support the LDAP file system change, then to 4_55.xxx.

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Nortel recommends any maintenance activities, such as those outlined in this document, be completed during a local maintenance window.

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