

Firmware Release Notes

NF18ACV – VDSL/ADSL2+ Dual Band AC1600 Gigabit Gateway with VoIP



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Note – This document is subject to change without notice.

Document history

This document covers the following product:

NetComm Wireless NF18ACV – VDSL/ADSL2+ Dual Band AC1600 Gigabit Gateway with VoIP

VER.	DOCUMENT DESCRIPTION	DATE
v 1.0	Initial document release	6 November 2017
v 2.0	Details changes to releases NC2-R6B012 and R6B016	18 December 2018

Table i. - Document revision history

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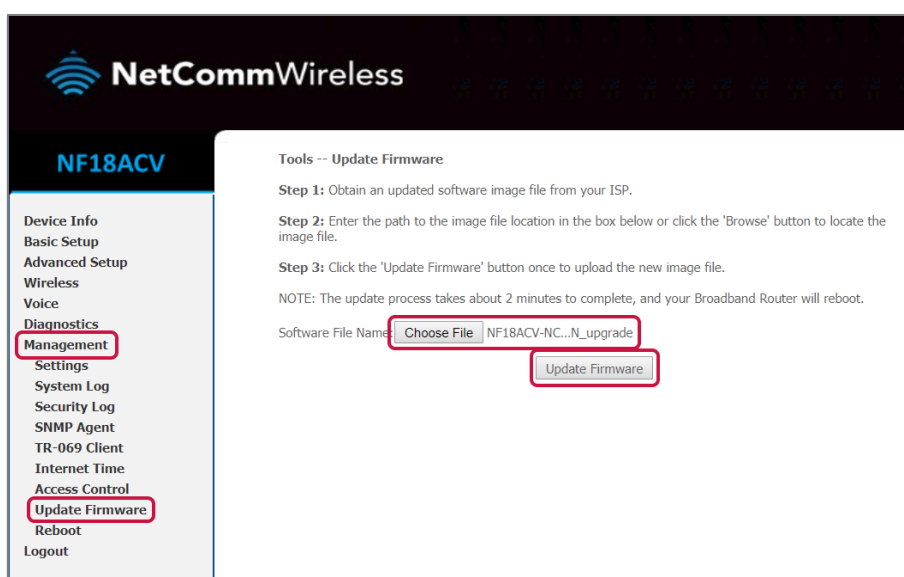
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Firmware Details

ITEM	DESCRIPTION
Model	NF18ACV
Product Name	VDSL/ADSL2+ Dual Band AC1600 Gigabit Gateway with VoIP
Date	4 December 2017
Firmware Version	NF18ACV-NC2-R6B012
Official / Beta Firmware	Official
File Name	NF18ACV-NC2-R6B012.EN_upgrade
File Size	30.2 MB
MD5 Checksum	ab0af3c9f490a5da4e14c6215a7e246a

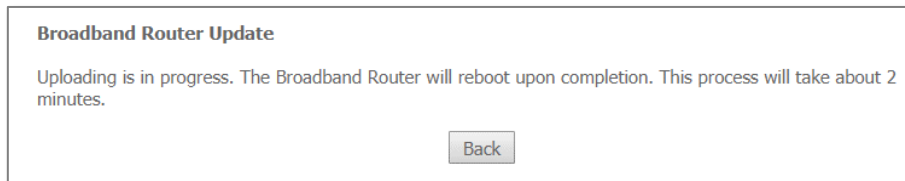
Firmware Upgrade Instructions

- 1 Connect the supplied RJ45 Ethernet cable from one of the Ethernet Ports on the back of the device to your computer.
- 2 Connect the supplied power adapter to your router and press the on/off button to power the router on.
- 3 Allow 60 – 90 seconds for the NF18ACV to power up.
- 4 Open a web browser (e.g. Internet Explorer, Firefox, Safari, etc) and type <http://192.168.20.1> into the address bar and press **Enter**.
- 5 At the login screen, type **admin** into both the Username and the Password fields and click **OK**.
- 6 Select **Management** and then **Update Firmware** from the menu on the left side of the screen. Select **Browse / Choose File** to locate and load the firmware (**NF18ACV-NC2-R6B012.EN_upgrade**)

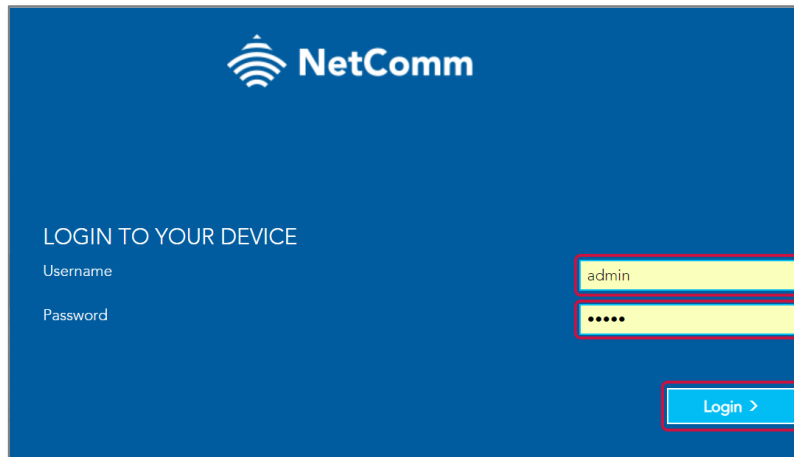


- 7 Click **Update Firmware** to proceed.

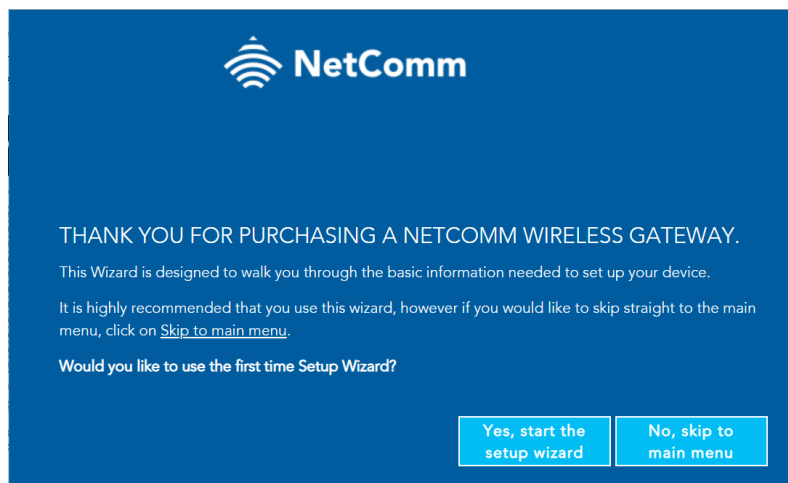
- 8 The process will take a few minutes until the router reboots itself. During this time the following message appears:



- 9 Once the upgrade is done, the new user interface will display and you will be asked to log in.



- 10 Type **admin** into both the **Username** and the **Password** fields and click the **Login >** button.
- 11 The **Setup Wizard** start page will display.



- ☰ If you had previously configured your router and are happy with its settings and performance, click the **No, skip to main menu** button.
- ☰ If you have not previously set up the gateway, we recommend that you click the **Yes start the setup wizard** button.

12 The **Summary** page on the main menu will be displayed.

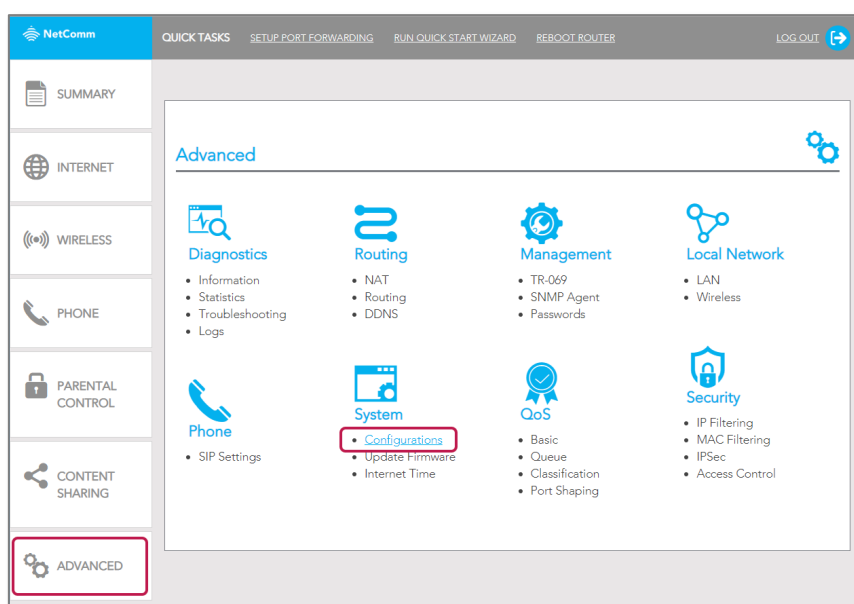


13 If **Gateway information** is not showing, click on the **NF18ACV Gateway** icon in the center of the network diagram.

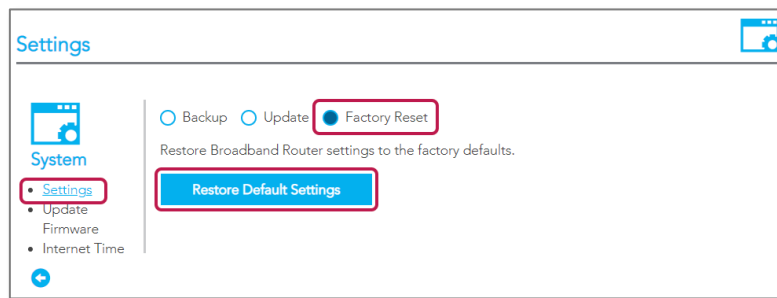
14 In the **Gateway information** check that the Firmware version is **RNF18ACV-NC2-R6B012.EN**

 **Note** – You must reset the router to the factory default settings after the firmware upgrade to ensure that it functions correctly.

15 Click **Advanced** in the main menu on the left to open the **Advanced** settings page, then click the **Configurations** link in the **System** group.



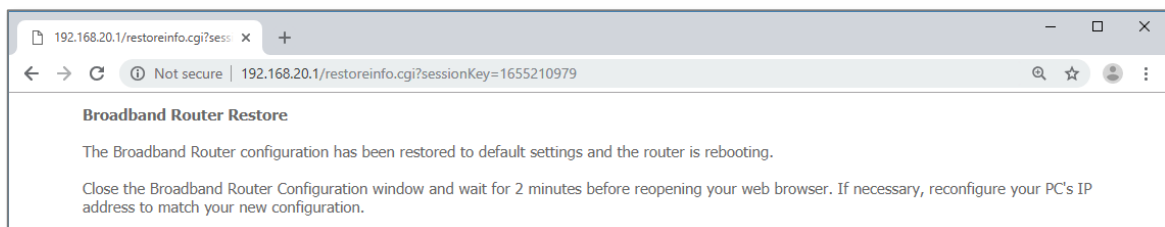
16 The **System Settings** page opens.



17 Select **Factory Reset** and then click the **Restore Default Settings** button.

18 A message asking "Are you sure you want to restore factory default settings?" will display. Click the **OK** button.

19 The browser will close the NF18ACV-NC2 webpage and display the following message:



20 Reopen the browser, type <http://192.168.20.1> into the address bar and press **Enter**.

21 At the login screen, type **admin** into both the Username and the Password fields and click **OK**.

22 The NF18ACV-NC2 webpage will open with the gateway running on its default settings.

Version History

NC2-R6B012

New Features


- 📶 New format for the gateway's web-based Graphical User Interface (GUI). (TT 20224)
- 📶 Configurable TR_069 port field added to Connection Request Authentication settings. (TT 22416)
- 📶 Adjusted the band steering behaviour. (TT 20593)
- 📶 Reduced the volume and used softer tone on the call waiting alert tone. (TT 21747)
- 📶 Reduced the frequency of sending SIP registration packets from every 2 seconds to every 5 minutes after receiving an error code 404. (TT 22876)
- 📶 Added support for entering TR-069 parameters for SNMP TrapIPAddress. (TT 22160)
- 📶 Adjusted the default SIP dial plan settings. (TT 21935)
- 📶 Adjusted the SIP dial tone. (TT 20911)
- 📶 Adjusted the Serial number of the inventory information to return the correct value. (TT 25325)
- 📶 Improved the 2.4GHz WiFi performance. (TT 23538)

Enhancements




- 📶 Fixed the DSL LED so that it does not continue to blink even though there is no physical connection to the DSL port. (TT 20310, TT 21780)
- 📶 Fixed the Internet LED to only turn on when there is a functioning internet connection. (TT 20508)
- 📶 Updated the TR-69 Hardware version to the correct output value. (TT 19450)
- 📶 Fixed an issue the CPE become not responsive when changing the PPPoE username via the WEB GUI remotely. (TT 22306)
- 📶 Fixed an issue where the CPE is occasionally not able to respond to TR_069 provisioning. (TT 23071)
- 📶 Fixed an issue with port forwarding not able to apply on the same port that is used on the Access control page. (TT 19487)
- 📶 Fixed an issue with WAN port acting as LAN during start-up. (TT 21151)

R6B016

New Features

-  Added an automatic firewall to block unsolicited VoIP traffic.

Enhancements

-  Fixed a problem where automatic WiFi channel selection could not be enabled/disabled via TR-069.
-  Improved an issue with WiFi throughput when country code was set to "NEW ZEALAND".
-  Fixed an issue with priority marking on VoIP packets.

R6B015 – Initial production release

New Features

-  None.

Enhancements

-  None.