Firmware Release Notes

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

Copyright

Document history

This document covers the following product:

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

VER.	DOCUMENT DESCRIPTION	DATE
v1.0	Initial document release	6 November 2017
v1.1	Details changes to releases NC2-R6B012 and R6B016	18 December 2018
v1.2	Details changes to release NC2-R6B013	23 May 2019
v1.3	Details changes to release NC2-R6B014	27 August 2019

Table i. - Document revision history

Contents

Firmware Details

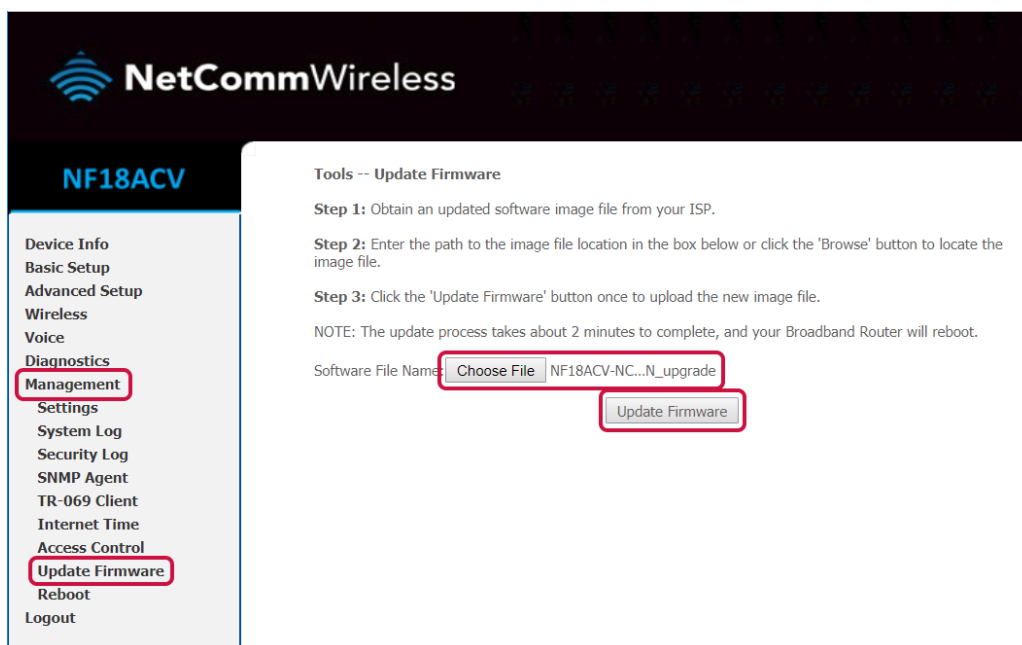| ITEM	DESCRIPTION
Model	NF18ACV
Product Name	VDSL/ADSL2+ Dual Band AC1600 Gigabit Gateway with VoIP
Date	27 August 2019
Firmware Version	NF18ACV-NC2-R6B014
Official / Beta Firmware	Official
File Name	NF18ACV-NC2-R6B014.EN_upgrade
File Size	32.9 MB
MD5 Checksum	CCA2FC48A3A2D8CAA770A6FFDCD27BBB

Firmware Upgrade Instructions

Note – This procedure outlines the steps to take when upgrading from NC to NC2 firmware using version R6B012 as an example and can be used for all future firmware versions. If you are upgrading from an NC2 version of firmware to a new NC2 version, please refer to the User Guide for 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-R6B014.EN_upgrade)**
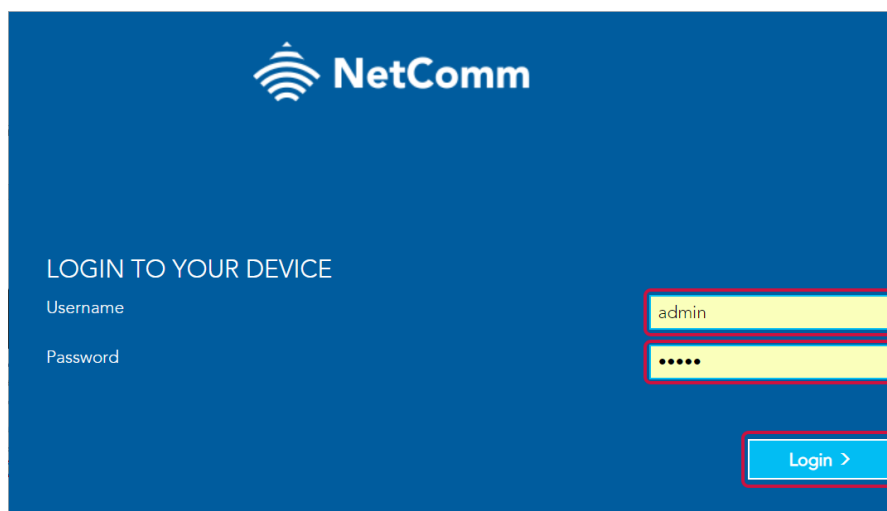
7   Click **Update Firmware** to proceed.

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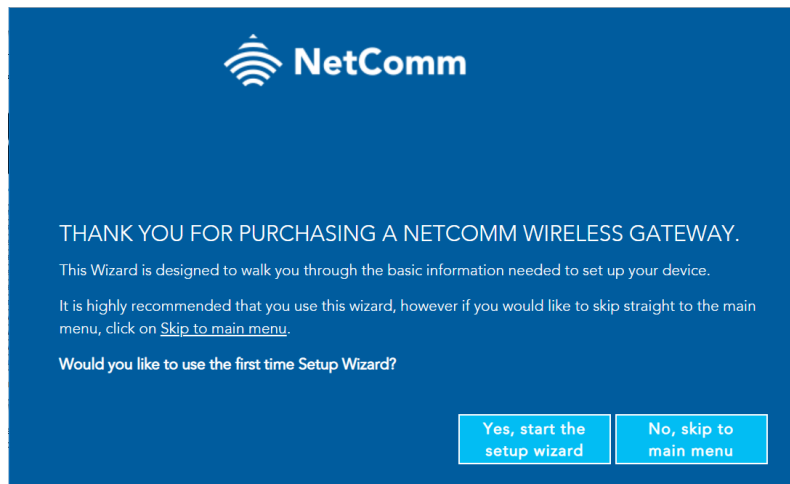

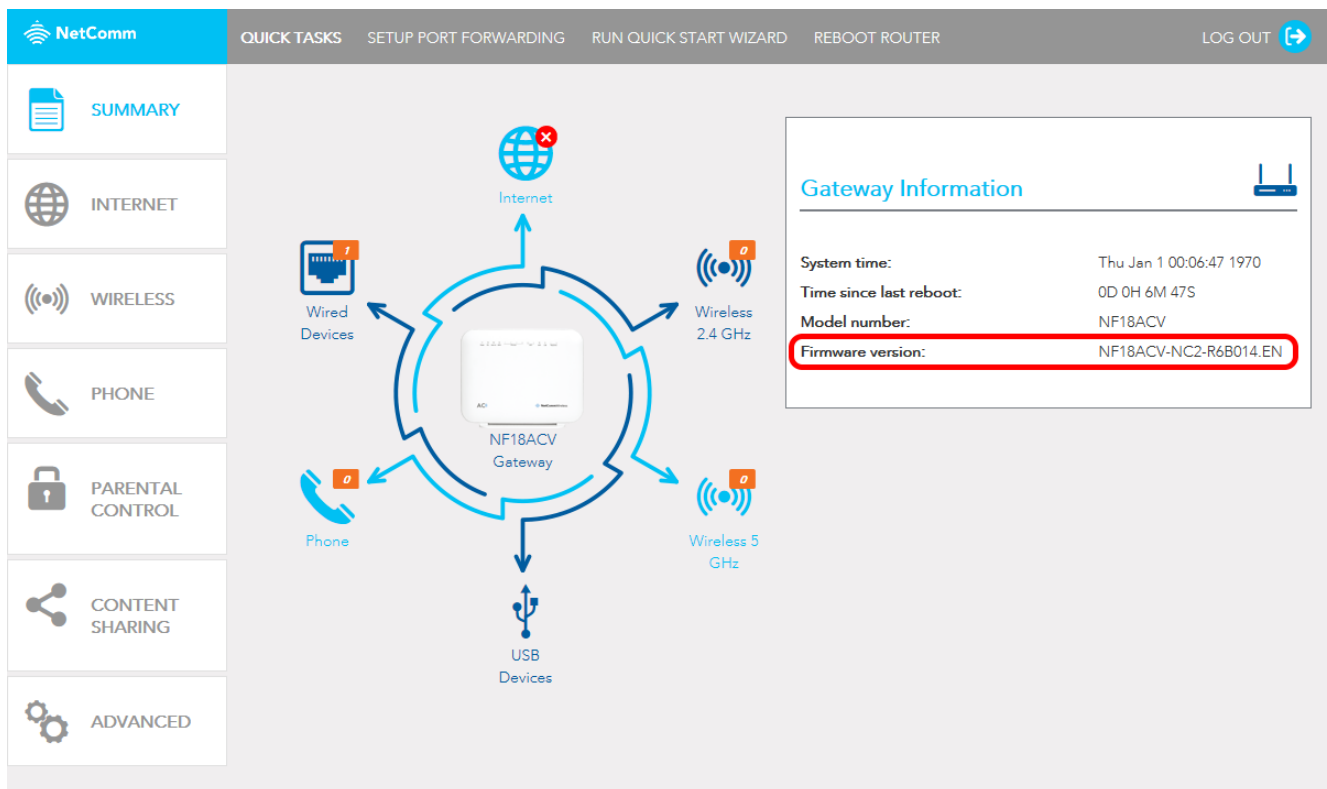9   Once the upgrade is done, the new user interface will display and you will be asked to log in.

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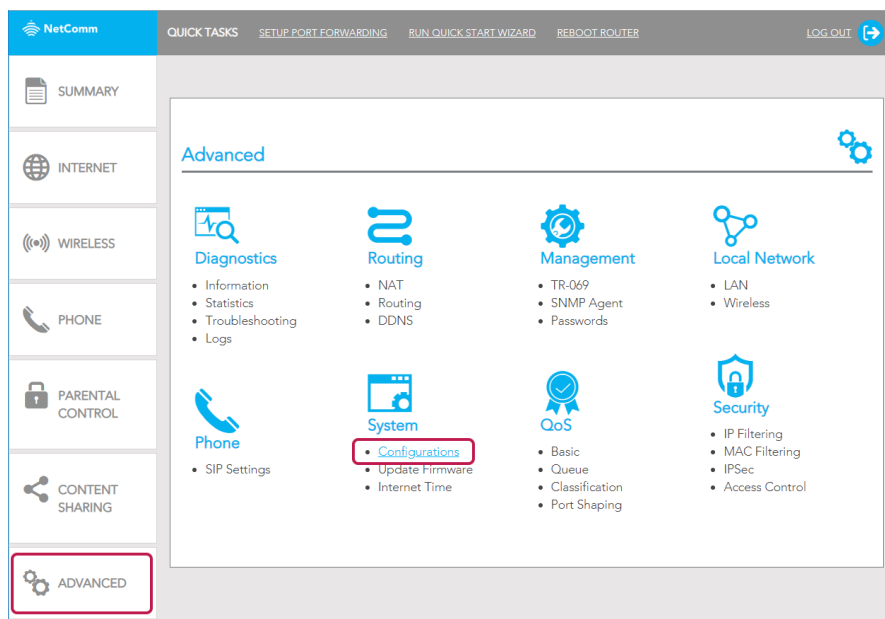
12   The **Summary** page on the main menu will be displayed.
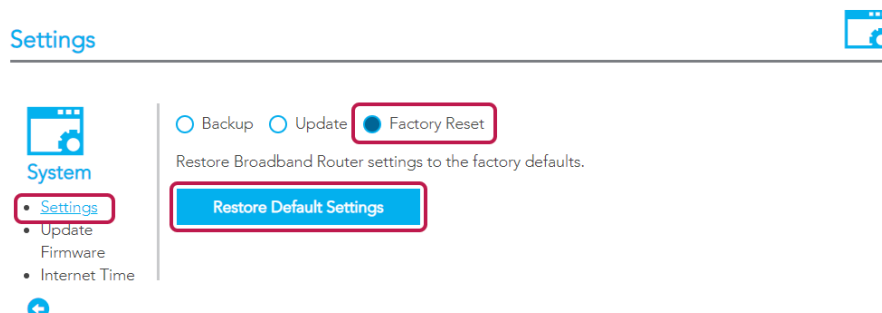

13   If **Gateway information** is not showing, click on the **NF18ACV Gateway** icon in the center of the network diagram.

14   In the **Gateway information** check that the Firmware version is **NF18ACV-NC2-R6B014.EN**

Note – You must reset the router to the factory default settings after the firmware upgrade to ensure that it functions correctly.
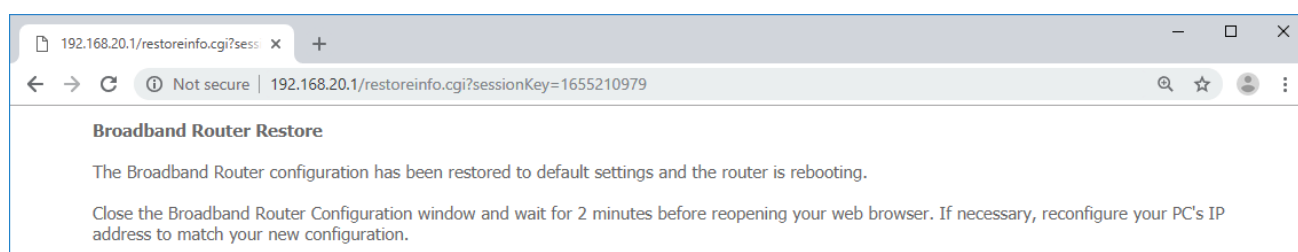
15   Click **Advanced** in the main menu on the left to open the **Advanced** settings page, then click the **Configurations** link in the **System** group.

16   The **System Settings** page opens.

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

18   A message confirming that you are sure you want to restore factory settings is displayed. 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.

NC2-R6B014

Enhancements

⬆ Improved WiFi performance (TT 39023)

NC2-R6B013

New Features

⬆ Added HTTP link on the firmware version to direct to NetComm NF18ACV firmware page (TT 24765)

⬆ Added HTTP link to "Visit NetComm Wireless Support Website' (TT 24764)

⬆ Added special character support on the username/password fields (TT 26481)

Enhancements

⬆ Updated 2.4GHz and 5GHz WiFi Driver (TT 37972)

⬆ Updated WiFi default settings (TT 37982)

⬆ Updated the dial plan to cover the 13[1-9]XXX series (TT 37823)

⬆ Updated the VoIP DTMF rely to RFC2833 by default (TT 26328)

⬆ Fixed a stability issue with IPv6 connection (TT 26375)

⬆ Fixed an issue where DLNA reverts to disabled after the device is power cycled (TT 26121)

⬆ Fixed an issue where a 31-bit subnet could not be setup on VDSL IPoE via the basic setup page (TT 25903)

⬆ Fixed an issue where the device displayed an invalid session key message when the HTTP port was changed from the default setting. (TT 37905)

⬆ Fixed an issue where only 32 entries could be entered on the Parental control page (TT 26327)

⬆ Fixed an issue where the device cannot return the WiFi Noise floor value (TT 37962)

⬆ Fixed an issue with TR-069 parameters not reporting Currentlocaltime correctly (TT 38037)

⬆ Fixed an issue where DHCP option 66 does not support more than 45 characters (TT 37907)

⬆ Fixed a typo on the wizard setup (TT 24332)

New Features

- New format for the gateway's web-based Graphical User Interface (GUI). (TT 20224)

  For details on all the new WEB GUI changes, please refer to the latest **NF18ACV User Guide** (UG01040 v1.2)

- 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.