

Firmware Release Notes

CloudMesh Gateway – NF20MESH



Doc No. FR01347

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Document history

This document contains Release Notes for following product:

NetComm CloudMesh Gateway – NF20MESH

Ver.	Document description	Date
v1.01	Initial document release	18 June 2021
v1.02	Includes changes to release no. R6B021	3 August 2022
v1.03	Includes changes to release no. R6B025	11 November 2022
v1.04	Includes changes to release no. R6B026	29 March 2023
v1.05	Includes changes to release no. R6B031	12 March 2024

Table i. – Document revision history

Firmware details

ITEM	DESCRIPTION
Model	NF20MESH
Product Name	CloudMesh Gateway
Date	12 March 2024
Firmware Version	NF20MESH.NC.UR-R6B031
Official / Beta Firmware	Official
File Name	NF20MESH.NC.UR-R6B031.EN_Upgrade.w.enc
File Size	44.2 MB
MD5 Checksum	5F31B20929A969B74E2DD650BE15425C

Version history

R6B031

New Features

- Updated webUI to newer version (TT 45176)
- Added support for schedule reboot (TT 45128)
- Added support to specify source address for port forwarding rule creation (TT 45126)

Enhancements

- Fixed an issue where star codes for anonymous calling was not working (TT 44335)
- Updated to display all 32 entries of static lease (TT 44428)
- Updated DHCP options to accept special characters including period (TT 44507)
- WebUI enhancements (TT 44508, TT 45077, TT 45182)
- Updated setup wizard to set single SSID (TT 44880)
- Updated to fix security vulnerability (TT 45112, TT 45113)

- Updated TR069 parameter Device.WiFi.AccessPoint.{i}.Security.ModesSupported to support mode WPA3-SAE and Mixed WPA2-PSK/WPA3-SAE (TT 45253)
- Added support for TR069 parameter Device.WiFi.AccessPoint.{i}.Security.SAEPassphrase (TT 45258)

R6B026

New Features

- Added Support for TR069 Parameter Device.DeviceInfo.DeviceLog (TT 42287)

Enhancements

- Fixed an issue where device was not reporting "8-Diagnostics Complete" when an invalid IP address is used for TR069 IP ping test (TT 43851)
- Fixed an issue where WebUI was locking up in certain scenarios (TT 44041)
- Fixed an issue where disabling any WAN access service required a reboot in order for the disablement to take effect (TT 44071)
- Fixed an issue where static IP lease was displaying only 4 entries (TT 43727)
- Fixed an issue for WPS WebUI soft button (TT 43772)
- Update mesh agent version to 02.02.82.02-1502 (TT 44445)
- Fixed an issue where clients were observing drops when a configuration where mesh is disabled is restored (TT 44028)
- Updated firmware to reflect correct system uptime using SNMP (TT 44036)
- Fixed an issue where SIP ALG enable/disable had no effect (TT 44077)

R6B025

Enhancements

- This update addresses a critical security vulnerability (TT 44047)

R6B021

New Features

- Added an option to disable 802.11ax on 2.4GHz to allow non-compatible clients to connect (TT 42824)

Enhancements

- Updated IPv6 ULA preferred, and valid lifetime (TT 41995)
- Fixed an issue where DDNS connection was not getting established when using password with special characters (TT 42209)
- WebUI enhancements (TT 42223, TT 42233, TT 42234, TT 42360, TT 43545)
- Fixed an issue of IPv6-PD drop after few days (TT 42225)
- Updated TR-069 formula for parameter Device.IP.Diagnostics.UploadDiagnostics.Bandwidth to reflect correct upload bandwidth (TT 42227)
- Fixed an issue where CPE was unable to set Pbit to 5 for SIP and RTP traffic (TT 42231)
- Fixed an issue where user was unable to delete all the entries of port forwarding at once (TT 42235)
- Updated WebUI to reflect correct auto -channel status when changed using TR-069 (TT 42251)
- Added patch for FragAttack vulnerability (TT 42272)
- Fixed an issue where user was unable to delete all the entries of port triggering at once (TT 42235)
- Updated TR-069 default setting (TT 42328)
- Updated TR-069 formula for parameter Device.IP.Diagnostics.DownloadDiagnostics.Bandwidth to reflect correct download bandwidth (TT 42604)
- Fixed an issue where CPE was not allowing to create same QoS rule on 2 different services on different interface (TT 42629)
- Updated LAN secondary DNS to blank (TT 42860)
- Fixed an issue where CPE was not sending IPv6 Solicit when uplink connection is down for long duration (TT 42872, TT 42873)
- Fixed an issue where PPPoE was not sending discovery after disconnection (TT 42875)
- Fixed an issue where TR-143 TotalBytesReceived was reported as "0" (TT 42991)
- Updated CPE behaviour where user was unable to login when changing to Username of length 16 Characters (TT 43026)

- Updated SNMP remote settings (TT 43516)
- Updated default Wi-Fi encryption to Mixed WPA 3-SAE/WPA2-PSK (TT 43520)
- Updated default setting of ULA to randomly generate (TT 43531)
- Updated default IPv6 router preference to “Medium” as per RFC 4191 (TT 43537)
- Updated Router Advertisement(RA) on LAN to include Prefix information option (PIO) & RDNS options (TT 43543, TT 43550)
- Updated Router Advertisement(RA) Route Information Option preference to “high” (TT 43551)

R6B019 – Initial production release

New Features

- None

Enhancements

- None