

Firmware Release Notes

CloudMesh Gateway – NF20MESH




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Document history

This document contains Release Notes for the following product:

CloudMesh Gateway – NF20MESH

Ver.	Document description	Date
v1.01	Initial document release	18 June 2021
v1.02	R6B021 release	3 August 2022
v1.03	R6B025 release	11 November 2022
v1.04	R6B026 release	29 March 2023
v1.05	R6B031 release	12 March 2024
v1.06	R6B032 release	18 June 2026

Table i. – Document revision history

Firmware details

ITEM	DESCRIPTION
Model	NF20MESH
Product Name	CloudMesh Gateway
Date	18 June 2026
Firmware Version	NF20MESH.NC.UR-R6B032
Official / Beta Firmware	Official
File Name	NF20MESH.NC.UR-R6B032.EN_nand_cferom_fs_image_128_puresqubi.w.enc
File Size	45.2 MB
MD5 Checksum	BE9FEA96183B9502E093B2A3FD4BF276

Version history

R6B032 release

Enhancements

- Addressed security vulnerability - CVE-2026-35018 (TT 45626)
- Addressed security vulnerability - CVE-2026-35019 (TT 45627)

R6B031 release

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 were 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 release

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 release

Enhancements

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

R6B021 release

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 release

New Features

- None.

Enhancements

- None.