

**Firmware Version:** 2.23.B001**Published Date:** Feb. 07, 2024

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Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version
2.22.B002	Dec 20 2022	DBG-2000	A1
2.21.B021	Feb 21 2022	DBG-2000	A1
2.20.B073	Aug 20 2021	DBG-2000	A1

Upgrading Instructions:

When the device added to Nuclias portal, the Nuclias portal will automatically update the Business Gateway firmware to the latest version. User can go to SETTINGS ->Firmware -> Model

UPGRADE to change the firmware upgrade policy and there are three options:

DASHBOARD
MONITOR
CONFIGURE
REPORTS
SETTINGS
HELP

Settings / Firmware
NEW RELEASES
FIRMWARE UPGRADES
FIRMWARE MANAGEMENT

SCHEDULE UPGRADES
BULK UPGRADES

Device model :
Firmware availability :

DBG-2000
Update available / Up to date
Preview

New Features:

Firmware Version	New Features
2.23.B001	1. Port forwarding can select IP Alias IP address
2.22.B002	NA
2.21.B021	1. Cloud Bulk-import support 2. Add connect/disconnect button for PPTP/L2TP/OpenVPN 3. IPsec backup policy 4. IPsec Keep alive 5. SMTP ALG 6. All available WAN interface can be configured for different features 7. IPsec FQDN can select from DDNS 8. WCF splash page support
2.20.B073	1. The first release

Problem Fixed:

Firmware Version	Problems Fixed
2.23.B001	1. Device lost cloud management in IPsec policy Any to Any DBG23040301 2. DHCP related log is incorrect for free IP value DBG20100708 3. VPN Site to Site not working HQ2023011900001 4. Captive Portal auth page will show 404 not found after captive portal profile change DBG23050338 5. Unable to ping device WAN IP from LAN/LAN host VBG21060076 6. Unable to get VLAN IP address randomly DBG21030299 7. Device does not send AEVENT f "IPsec_peer_disconnect" to Cloud DBG20120580 8. DDNS status display is incorrect DBG21120544 9. Unable to add the application control list by the custom group DBG21030502 10. DBG profile services page, when switching IGMP snooping function enable and disable, the VLAN will not functional DBG21030574
2.22.B002	11. PPTP/L2TP/OpenVPN is not work properly DBG22010094 12. The default Maximum idle time in DBG WAN interface DBG21070228

	13. DBG-2000 NAT Loopback is not work HQ20211125000013 14. WAN settings is reset default after DA URL change HQ20211228000006 15. Remove multicast MAC from client list HQ20211215000008 16. OpenVPN OmniSSL login page is not work HQ20211217000003 17. Clients in Ethernet 4 will loss internet connection after device reboot HQ20220112000005 18. Can't download OpenVPN client config from OmniSSL portla HQ20220727000006 19. DHCP offer is not properly work after the client connect to different vlans HQ20220520000003 20. Graphical TYPO / ERROR for DBG-2000 interfaces in Nuclias Cloud Portal HQ20220330000002
2.21.B021	1. Allow Ping from LAN is having no effect on traffic from LAN and DMZ HQ20211216000005 2. Unable to establish Isec tunnel using local auth if one policy uses Local authentication and other vpn policy is for radius. VBG21050038 3. OPENVPN_OMNISSL_AUTH_SUCCESS and AUTH_FAIL EVENT LOGS VBG21050093 4. Device is not sending FAIL events for IPsec VPN VBG21060019 5. [Vulnerability] Web server doesn't have 'X-Content-Type-Options' Header VBG21080067 6. [Vulnerability] Webs erver's Content-Encoding header setting is risky & vulnerable to Breach attack. VBG21080068 7. mnissl portal login event logs fix VBG21090078 8. Resrticting device reboot during firmware upgrade VBG21090079 9. Wins and Split dns configuration must be in global setting VBG21090081 10. User should be able to download Debug Logs from Local UI VBG21090082 11. Incorrect error message for wrong old password during password change VBG21090084 12. Auto-rollover wan-mode functionality is not work perporly VBG21110056 13. In load-balancing wan mode, DDNS functionality is not work properly. VBG21110062 14. IPSEC Event and Status changes for l2tp over ipsec. VBG21110083 15. LDAP authentication server with TLS enabled to captive portal is not work. VBG21110093 16. Device is getting ethernet port is connected event even when device is in idle state. HQ20211209000005

	17. LAN3 default setting not show DHCP client. HQ20211209000004 18. Device reports ghost client data. HQ20211215000008 19. local WebUI doesnt respond and it won't be managed after factory reset. HQ20211223000006 20. [Vulnerability] The anti-clickjacking X-frame-options HTTP header is not present. VBG21080065 21. [Vulnerability] Webserver doesn't have X-XSS protection header. VBG21080066.
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Known Issues:

Firmware Version	Known Issues
2.23B001	1. Nuclias_cloud_2.2.5.8_In Device page, the Management IP and Default WAN IPv4 no shown and Loal IP address error DBG24050221 [Portal Issue]
2.22B002	1. UPnP port mapping list won't be cleared DBG21070653. 2. 'Schedule policies' isn't affected after change the setting HQ20211223000004
2.21B021	1. NAT lookback is not work. 2. Netbios over Ipsec is not yet supported 3. IGMP PROXY working only on one of the base interfaces after restart of IGMP service. 4. L2TP over IPsec is not working when WAN mode is in Auto-rollover. 5. External authentication servers are not working for mschap,ms-chapv2 authentication protocols in pptp and l2tp vpn. 6. WCF https blocking are not redirected to WCF warning page. 7. Unable to download Client configuraton in IE11 Browser windows 7 (64bit) from OMNISSL PORTAL. 8. Incorrect CP redirection page in safari and IE browsers for custom splash page. 9. External authentication servers are not working for mschap,ms-chapv2 authentication protocols in pptp and l2tp vpn

Related Documentation:

- DBG-2000 User Manual v2.20.08
- DBG-2000 A1 Quick Installation Guide 1.00

