

**Firmware Version:** 2.21.B021**Published Date:** Feb. 21, 2022

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Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version
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
2.21.B021	<ol style="list-style-type: none"> 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	<ol style="list-style-type: none"> 1. The first release

Problem Fixed:

Firmware Version	Problems Fixed
2.21.B021	<ol style="list-style-type: none"> 1. Allow Ping from LAN is having no effect on traffic from LAN and DMZ HQ20211216000005 2. Unable to establish Ipsec 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. PnP port mapping list won't be cleared DBG21070653 6. [Vulnerability] Web server doesn't have 'X-Content-Type-Options' Header VBG21080067 7. [Vulnerability] Web server's Content-Encoding header setting is risky & vulnerable to Breach attack. VBG21080068 8. mnissl portal login event logs fix VBG21090078 9. Restricting device reboot during firmware upgrade VBG21090079 10. Wins and Split dns configuration must be in global setting VBG21090081 11. User should be able to download Debug Logs from Local UI VBG21090082 12. Incorrect error message for wrong old password during password change VBG21090084

	<p>13. Auto-rollover wan-mode functionality is not work perporly VBG21110056</p> <p>14. In load-balancing wan mode, DDNS functionality is not work properly. VBG21110062</p> <p>15. IPSEC Event and Status changes for l2tp over ipsec. VBG21110083</p> <p>16. LDAP authentication server with TLS enabled to captive portal is not work. VBG21110093</p> <p>17. Device is getting ethernet port is connected event even when device is in idle state. HQ20211209000005</p> <p>18. LAN3 default setting not show DHCP client. HQ20211209000004</p> <p>19. Device reports ghost client data. HQ20211215000008</p> <p>20. local WebUI doesnt respond and it won't be managed after factory reset. HQ20211223000006</p> <p>21. [Vulnerability] The anti-clickjacking X-frame-options HTTP header is not present. VBG21080065</p> <p>22. [Vulnerability] Webserver doesn't have X-XSS protection header. VBG21080066.</p>
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Known Issues:

Firmware Version	Known Issues
2.21B021	<p>1. NAT lookback is not work.</p> <p>2. Netbios over Ipsec is not yet supported</p> <p>3. IGMP PROXY working only on one of the base interfaces after restart of IGMP service.</p> <p>4. L2TP over IPsec is not working when WAN mode is in Auto-rollover.</p> <p>5. External authentication servers are not working for mschap,ms-chapv2 authentication protocols in pptp and l2tp vpn.</p> <p>6. WCF https blocking are not redirected to WCF warning page.</p> <p>7. Unable to download Client configuraton in IE11 Browser windows 7 (64bit) from OMNISSL PORTAL.</p> <p>8. Incorrect CP redirection page in safari and IE browsers for custom splash page.</p> <p>9. External authentication servers are not working for mschap,ms-chapv2 authentication protocols in pptp and l2tp vpn</p>

Related Documentation:

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