



Nebula Plus & Professional Packs Feature List

19.00

| M | M2 | R | F | S | W | Feature Name | Feature Description | APP | Plus Pack | Pro Pack | Target User | NCC Location | Note |
|---|----|---|---|---|---|---|---|----------------------|-----------|----------|-------------|--|---|
| ● | | | ✓ | ✓ | ✓ | Group-wide feature sets | Handy tools to manage group(s) consisting with two or more Pro orgs that you own, including Monitor - Overview, Inventory, Change log and Configure - Settings, Org-to-Org VPN, and Administrators. Besides the Org-to-Org VPN which is used to manage cross-org VPN and its service, other settings share the same name features as Organization-wide but from the group perspective. | | | ● | VAR&IT | Group-wide (appears if at least one group of organizations is created) | *Only NCC Admin owns more than 2 Pro orgs could create group. |
| ● | | ✓ | ✓ | ✓ | ✓ | Organization change logs | Every changes on your org. will be recorded so that you can check what settings have been made by whom and when. | | | ● | VAR&IT | Organization-wide > Organization-wide manage > Change log | |
| | ● | ✓ | ✓ | ✓ | ✓ | Login IP address ranges for an organization | List the IP addresses or ranges from which an administrator is allowed to log into the NCC. | (Follow NCC setting) | | ● | MSP | Organization-wide > Organization-wide manage > Organization settings | |
| ● | | ✓ | ✓ | ✓ | ✓ | Unlimited admin accounts | No limits on the number of admin (5 only on Base Pack). | | 8 | ● | MSP | Organization-wide > Administrators | |
| ● | | | ✓ | ✓ | ✓ | Cloud Authentication Users with unlimited entries | Allow unlimited authorized entries for the NCC cloud user database (50 only on Base Pack). | | 100 | ● | VAR&IT | Organization-wide > Organization-wide manage > Cloud authentication | |
| ● | | | | ✓ | | Cloud authentication Users with VLAN attribute | Support dynamic VLAN assignment on WPA2/3 enterprise authentication with Nebula cloud auth. | | | ● | VAR&IT | Organization-wide > Organization-wide manage > Cloud authentication (Account type: Users) | |
| | ● | | | | ✓ | Cloud Authentication DPPSK Account Type | Allow to create single or batch personal pre-shared key and send to applicant by email for wireless secure connection. | | | ● | VAR&IT | Organization-wide > Configure > Cloud authentication (Account type: DPPSK) | |
| ● | | | ✓ | ✓ | ✓ | New site configuration clone | Replicate the configuration of an existing site instead of using the default settings while creating a new site. | | | ● | VAR&IT | 1. Site drop-down box > + Create site 2. Organization-wide > Organization-wide manage > Organization portal > Create site | |
| ● | | | | | ✓ | Configuration site based settings sync | Allows to easily propagate Site-wide general settings and AP SSID related configurations from one site to other sites under an org. | | | ● | MSP | Organization-wide > Organization-wide manage > Configuration management | |

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| | ● | | | ✓ | | Configuration switch settings clone | Clone switch device based settings from one device to others of the same model under an org. | | | ● | MSP | Organization-wide > Organization-wide manage > Configuration management | |
| ● | | ✓ | ✓ | ✓ | ✓ | Configuration backup/restore | Backup and restore your settings of your sites and switch devices. | | | ● | VAR&IT | Organization-wide > Organization-wide manage > Configuration management | |
| ● | | | | ✓ | ✓ | Configuration template* | Allow many sites to be deployed and keep updated following a single base configuration template. | | | ● | MSP | Organization-wide > Organization-wide manage > Configuration templates | *Currently Security Appliance & Mobile Router configuration have not yet supported. |
| | ● | | | | ✓ | Connection log (former name Client Diagnostics) | New tab page of Clients that aims to provide friendly and end-to-end complete connection journey based logs to help administrators easily pinpoint client's connection issues | | | ● | VAR&IT | Site-wide > Clients > Connection log | |
| | ● | | | | ✓ | WiFi Aid | The latest tab page of Clients that aims to provide administrators a comprehensive dashboard and reports of WiFi client's connection issues | | | ● | VAR&IT | Site-wide > Clients > WiFi Aid Site-wide > Monitor > Access points > WiFi Aid | |
| | | | | | | Site-wide topology | 1. Auto illustrates the network topology including Zyxel non-Nebula devices. 2. Help remote trouble shooting by showing device and link info. & status. 3. Automatic visual topology for Smart mesh. 4. Device supports "Reboot" action. 5. Switch PoE link supports "power cycle" action | | | | | Site-wide > Topology | |
| ● | | ✓ | ✓ | ✓ | ✓ | | | | ● | ● | VAR&IT | | |
| | ● | | ✓ | ✓ | ✓ | Summary report email & schedule | Send out site or device statistics, with logo options, by email now or by schedule. | | ● | ● | MSP | Site-wide > Summary report Site-wide > Monitor > Access points / Switches / Firewall > Summary report | |
| ● | | ✓ | ✓ | ✓ | | Custom range up to 365 days on summary report | View up to 365 days statistics including site-wide, AP, SW, GW summary report (24 HR only on Base Pack). | | 7D | ● | VAR&IT | Site-wide > Summary report Site-wide > Monitor > Access points / Switches / Firewall > Summary report | |
| | ● | | ✓ | ✓ | ✓ | 365 days statistics on device monitoring | View device usage chart up to 365 days (24 HR only on Base Pack). | | 7D | ● | VAR&IT | Site-wide > Devices > Access points / Switches / Firewall > [Select AP / SW] | |
| ● | | ✓ | ✓ | ✓ | | 365 days statistics on client monitoring | View client traffic chart up to 365 days (24 HR only on Base Pack). | | 7D | ● | VAR&IT | Site-wide > Clients > [Select client] | |

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| | ● | | ✓ | ✓ | ✓ | 365 days statistics on device event log access | View event log chart up to 365 days (24HR only on Base Pack). | | 7D | ● | VAR&IT | Site-wide > Monitor > Access points / Switches / Firewall > Event log | |
| | ● | | ✓ | ✓ | ✓ | Export data to CSV/XML file | Download the data currently displayed in the table of eg. Inventory, Cloud authentication ... etc. in either a CSV or XML file format. | | | ● | VAR&IT | All monitoring pages with table data | |
| | ● | ✓ | ✓ | ✓ | ✓ | Open API | Open API for Ecosystem Partner Application Integration | | | ● | MSP | Monitoring and a bit basic configuration related (keep updating, please check with PLM/AE for more details) | |
| | ● | | | | ✓ | DPPSK API access | Support to generate an API token (DPPSK third-party integration for now). | | | ● | MSP | Site-wide > Configure > Site settings | |
| ● | ● | | | | | Firmware upgrade schedules on a per-device basis | On top of scheduling site-wide firmware upgrade, you're also able to assign specific firmware upgrade time on particular (can be filtered and selected by tag, model, current version etc.) device. | | ● | ● | VAR&IT | Site-wide > Configure > Firmware Management | |
| | ● | ✓ | ✓ | ✓ | ✓ | Org-wide firmware upgrade | User can upgrade device's firmware across multiple sites. The Firmware Upgrades allows organization admins to manage firmware versions on a per-site and per-device type basis. | | ● | ● | VAR&IT | Organization-wide > Organization-wide manage > Firmware management | |
| ● | | ✓ | ✓ | ✓ | ✓ | Priority support request (direct NCC) | Send us support ticket directly from NCC UI and Nebula mobile APP and get case updates. | ● | | ● | VAR&IT | Help > Support request | |
| | ● | ✓ | ✓ | ✓ | ✓ | Web chat support (direct NCC) | Web chat with tech support directly from NCC UI. | | | ● | VAR&IT | All website | |
| | ● | ✓ | ✓ | ✓ | ✓ | Upload photo from Gallery | Upload up to 5 photos to NCC from phone's photo Gallery (1 photo only on Base and Plus Pack). | ● | | ● | VAR&IT | Site-wide > Devices (eg.Access points) > Access points > [Select AP] Photo | |

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| | ● | ✓ | ✓ | ✓ | ✓ | Remote CLI access / Configurator | Provide remote CLI access live tools to AP, Switch and Security Appliance and remote Web GUI access live tools to Mobile Router | | | ● | VAR&IT | Site-wide > Devices > Access point / Switches / Firewall > [Select AP / SW / FW] Live tools | |
| | | | | | ✓ | Wireless health monitor and report | Provide administrators with a health condition overview of their wireless networks, per AP and per client, and quickly take actions to improve poor performance or user experience. | | | ● | VAR&IT | Site-wide > Monitor > Access points > Wireless health | |
| | | | | | ✓ | Per AP (room) per SSID | Allow to set up programmable SSID & PSK for each AP | | | ● | VAR&IT | Site-wide > Configure > Access points > SSID settings | |
| | | | | | ✓ | Dynamic Personal Pre-Shared Key (DPPSK) | Allow the authentication of users with individual unique key to the wireless network. And also allow to use DPPSK as 2-Factor Auth. for IOT devices by email. | | | ● | VAR&IT | Site-wide > Configure > Access points > SSID advanced settings | |
| | | | | | ✓ | Voucher | Allow the authentication of users to the wireless network by sign-in with voucher code | | ● | ● | VAR&IT | Site-wide > Monitor > Access points > Vouchers | |
| | | | | | ✓ | Captive Portal MAC Auth. Fallback | To provide a better user experience, avoid captive portal with RADIUS re-authentication by falling back to MAC authentication when clients rejoin the network | | | ● | MSP | Site-wide > Configure > Access points > SSID advanced settings | |
| | | | | | ✓ | RADIUS NAS ID customizable | Allow to set a NAS identifier to be used to identify location/Nebula site while integrating with an external captive portal service with RADIUS authentication. | | | ● | MSP | Site-wide > Configure > Access points > SSID advanced settings | |
| | | | | | ✓ | RADIUS accounting for captive portal | Enable to configure Radius accounting server settings for captive portal with RADIUS authentication. | | | ● | MSP | Site-wide> Configure > Access points > SSID advanced settings | |
| | | | | | ✓ | Captive portal sign-in with Microsoft Entra ID (Azure AD) | Allow the authentication of users to the wireless network by sign-in captive portal with Microsoft Entra ID (Azure AD) | | | ● | MSP | Site-wide> Configure > Access points > SSID advanced settings | |
| | | | | | ✓ | Portal redirect URL parameter customization | Allow to customize the parameter sent to third party captive portal integration. | | | ● | MSP | Site-wide> Configure > Access points > Captive portal customization | |

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| | | | | | ✓ | Smart steering per AP | Granularity control of the RSSI threshold settings per AP, for a more accurate deployment. | | | ● | VAR&IT | Site-wide > Configure > Access points > Radio settings > [Edit the Selected AP] | |
| | | | | | ✓ | BWM by VLAN interface | Provide traffic shaping (rate-limit) to user/user group by assigning to different VLAN(s) | | | ● | VAR&IT | Site-wide > Configure > Access points > Traffic shaping | Support model: NWA1123ACv3, WAC500, WAC500H, NWA110AX, NWA210AX, WAX510D, WAX610D, WAX630S, WAX650S |
| | ● | | | | ✓ | AP traffic log | Allow to export the traffic log of the AP to a syslog server in NAT mode | | | ● | VAR&IT | Site-wide > Configure > Site settings | |
| | | | | ✓ | | IPTV report | Provide utilization, network analysis including UPnP packet detection and client statistics of the multicast groups or channels in an IPTV environment, allowing to import channel list in advance. | | | ● | MSP | Site-wide > Monitor > Switches > IPTV report | |
| | | | | ✓ | | Advanced IGMP | Set IGMP snooping advanced settings such as role, mode, timers, unknown multi-cast drop per VLAN and IPTV topology setup for an effective bandwidth utilization design in an IPTV environment. | | | ● | MSP | Site-wide > Configure > Switches > Advanced IGMP | |
| | | | | ✓ | | Switch Surveillance Monitoring with ONVIF | Provide the advanced deployment and maintenance page for the powered devices, ex. IP camera including ONVIF IPCAM discovery. | | | ● | VAR&IT | Site-wide > Monitor > Switches > Surveillance | GS1350 series only for now |
| | | | | ✓ | | Auto PD Recovery | Auto recover malfunctioning PD by taking advantage of their PoE dependency | | ● | | VAR&IT | Site-wide > Configure > Switches > Switch ports > [Select Port] | Supporting GS1350 & GS2220 series |
| | | | | ✓ | | Vendor ID-based VLAN | Allow to allocate network devices from different vendors into different VLANs for easy management and traffic priority. | | ● | | VAR&IT | Site-wide > Configure > Switches > Switch settings | |
| | | | | ✓ | | IP Source Guard | Protect network access from illegal IP addressing configured by DHCP and/or manual/static setting | | | ● | VAR&IT | Site-wide > Configure > Switches > Switch settings | |
| | | | | ✓ | | IP interface & static route | Support Layer 3 function to create IP interface and IPv4 static route | | | ● | VAR&IT | Site-wide > Configure > Switches > IP & Routing | |

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| | | | | ✓ | | Switch Stacking | Experience high-performance network management by managing multiple switches as a single entity, simplifying maintenance while increasing scalability. | | | ● | VAR&IT | Site-wide > Configure > Switches > Stacking management | |
| | ● | | ✓ | | | Traffic log archiving | Collecting and archiving traffic log from Nebula security appliance. Customer can download archived traffic log from SecuReporter. | | | ● | VAR&IT | Site-wide > Monitor > Firewall > SecuReporter | |
| | | | ✓ | | | VPN topology with traffic usage | Provide visualize virtual private network connections & usage (per tunnel) between different sites of VPN networks (areas) | | | ● | VAR&IT | Organization-wide > Organization-wide manage > VPN Orchestrator | |
| | | | ✓ | | | Smart VPN | Smart VPN configuration includes software-defined design to easily build scalable VPN networks (areas) and setup non-Nebula VPN peers among HQ and branches | | | ● | VAR&IT | Organization-wide > Organization-wide manage > VPN Orchestrator | |
| | | | ✓ | | | VPN provision script email | Send L2TP Client provisioning scrip by email for client VPN's quick setting | | | ● | VAR&IT | Site-wide > Configure > Security gateway / Firewall > Remote access VPN (L2TP over IPSec VPN Server) | |
| | | | ✓ | | ✓ | Collaborative Detection & Response (CDR)* with automatically respond action | Support automatically block/quarantine clients based on the USG Flex UTM Security Pack's CDR policy. | | | ● | VAR&IT | Site-wide > Configure > Collaborative detection & response | Requires USG Flex UTM Security Pack license to do CDR management |
| | | ✓ | | | | Client device heartbeat (LAN device alive monitoring) | Effortlessly monitor mission-critical LAN devices, even in Mobile Operator private network environments. | | | ● | VAR&IT | Site-wide > Devices > Mobile router | |

M= Management Feature (NCC); M2= (Sub.) Management Property; R= 5G/4G Mobile Router Feature; F= Firewall Feature; S= Switch Feature; W= Wireless Feature