

NetCloud Solution Package Comparison

This document illustrates the features included in Essentials and Advanced for the NetCloud Solution Packages.

NOTE – Access Points come with the Essentials package; however, APs must be deployed with either an Essential or Advanced Branch Router which extends those Router features.

Branch Access Point

| Functionality | AP Essentials | With Branch Router Essentials | With Branch Router Essentials + Advanced |
|--|---------------|-------------------------------|--|
| WAN | | | |
| Connection Manager | | ✓ | ✓ |
| LTE | | ✓ | ✓ |
| WiFi-as-WAN / Client | | ✓ | ✓ |
| Smart WAN Selection | | ✓ | ✓ |
| Quality of Service (QoS) | | ✓ | ✓ |
| Application Aware QoS | | | ✓ |
| Traffic Steering | | ✓ | ✓ |
| Enterprise Routing | | | |
| Static Routes | | ✓ | ✓ |
| Policy Routes | | ✓ | ✓ |
| OSPF | | ✓ | ✓ |
| BGP | | ✓ | ✓ |
| RIP | | ✓ | ✓ |
| NHRP | | ✓ | ✓ |
| NEMO / DMNR | | ✓ | ✓ |
| VPN & Tunneling | | | |
| IPSec | | ✓ | ✓ |
| GRE | | ✓ | ✓ |
| OpenVPN (SSL VPN) | | ✓ | ✓ |
| L2TP | | ✓ | ✓ |
| Auto VPN | | ✓ | ✓ |
| Auto-Tunnels | | ✓ | ✓ |
| DMVPN | | ✓ | ✓ |
| Security | | | |
| Zone Firewall | | ✓ | ✓ |
| Application Aware Zone Firewall | | | ✓ |
| Basic URL Web filtering (White/Black list) | | ✓ | ✓ |
| NetCloud Perimeter | | ✓ | ✓ |
| CP Secure Web Filter | | | ✓ |
| Web Classification and Categorization | | | ✓ |
| Web Reputation | | | ✓ |
| CP Secure Threat Management (IPS/IDS) | | | ✓ |
| Zscaler Internet Security | | Opt. | Opt. |
| LAN | | | |
| IPv4 & IPv6 | ✓ | ✓ | ✓ |
| DHCP Server / Relay | | ✓ | ✓ |
| MAC Filtering and Logging | | ✓ | ✓ |
| STP | | ✓ | ✓ |
| LLDP | | ✓ | ✓ |

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|--|---------------|-------------------------------|--|
| WiFi | | | |
| Multiple SSIDs | ✓ | ✓ | ✓ |
| Wireless Security Modes | ✓ | ✓ | ✓ |
| Open | ✓ | ✓ | ✓ |
| WEP | ✓ | ✓ | ✓ |
| WPA / WPA2 Personal | ✓ | ✓ | ✓ |
| WPA / WPA2 Enterprise (802.1x) | ✓ | ✓ | ✓ |
| Smart Channel Selection | ✓ | ✓ | ✓ |
| HotSpot Services (Captive Portal) | ✓ | ✓ | ✓ |
| Remote Connect / Out-of-Band Management | | | |
| Securely connect to device UI in any network architecture | | ✓ | ✓ |
| Securely connect to device CLI in any network architecture | | ✓ | ✓ |
| Out-of-Band Management for Access to non-Cradlepoint devices with console port | | ✓ | ✓ |
| LAN Manager for Access to LAN connected 3rd Party Device UIs | | ✓ | ✓ |
| Secure Remote Cloud Configuration | | | |
| Individual Device Configuration | ✓ | ✓ | ✓ |
| View / Edit Device Configuration | ✓ | ✓ | ✓ |
| Clear Device Configuration | ✓ | ✓ | ✓ |
| Remote Reboot | ✓ | ✓ | ✓ |
| Restore to Factory Defaults | ✓ | ✓ | ✓ |
| Export Device List | ✓ | ✓ | ✓ |
| Group Device Configuration | ✓ | ✓ | ✓ |
| View / Edit Group Configuration | ✓ | ✓ | ✓ |
| Export Group Device List | ✓ | ✓ | ✓ |
| Group NetCloud OS Updates | ✓ | ✓ | ✓ |
| Copy Configuration to Group | ✓ | ✓ | ✓ |
| Scheduler | ✓ | ✓ | ✓ |
| NetCloud OS Updates | ✓ | ✓ | ✓ |
| Real-Time Diagnostics / Troubleshooting | | | |
| Basic Real-Time Device Status | ✓ | ✓ | ✓ |
| Advanced Real-Time Device Status | ✓ | ✓ | ✓ |
| Basic Network Interface Status | ✓ | ✓ | ✓ |
| Advanced Network Interface Status | ✓ | ✓ | ✓ |
| Ping | ✓ | ✓ | ✓ |
| Traceroute | ✓ | ✓ | ✓ |
| Speed Test per WAN Interface | | ✓ | ✓ |
| Rogue AP Detection | ✓ | ✓ | ✓ |
| WiFi Site Survey | ✓ | ✓ | ✓ |

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|--|---------------|-------------------------------|--|
| Visibility / Analytics | | | |
| Network Dashboard | ✓ | ✓ | ✓ |
| Group Dashboard | ✓ | ✓ | ✓ |
| Device Dashboard | ✓ | ✓ | ✓ |
| Device License Information | | ✓ | ✓ |
| Subscription Dashboard | | ✓ | ✓ |
| Health Dashboard | | ✓ | ✓ |
| WAN Uptime Analytics | | ✓ | ✓ |
| LAN Client Dashboard | | ✓ | ✓ |
| Application Traffic Analytics | | | ✓ |
| WAN Data Usage | | ✓ | ✓ |
| Modem Data Usage Analytics | | ✓ | ✓ |
| Pooled Carrier Data Usage Analytics and Forecasting | | ✓ | ✓ |
| GeoView Location Services | | | |
| Device Map Location with quick view status | | ✓ | ✓ |
| Geo-Fence Alerting for physical security | | ✓ | ✓ |
| Alerts / Reports / Logs | | | |
| Alert Management | ✓ | ✓ | ✓ |
| Network, Group, Device Reporting | ✓ | ✓ | ✓ |
| Activity Audit Log | ✓ | ✓ | ✓ |
| Device Log | ✓ | ✓ | ✓ |
| Debug Diagnostic Data Log | ✓ | ✓ | ✓ |
| User Activity Log | ✓ | ✓ | ✓ |
| Extensibility | | | |
| Custom business applications running at the edge with NCOS SDK | ✓ | ✓ | ✓ |
| NetCloud API | ✓ | ✓ | ✓ |
| Accounts & Users | | | |
| Manage Users | ✓ | ✓ | ✓ |
| Manage Permissions | ✓ | ✓ | ✓ |
| Identity Federation with SAML 2.0 (Active Directory Integration) | ✓ | ✓ | ✓ |
| Single Sign On (SSO) to all Cradlepoint Services | ✓ | ✓ | ✓ |