



NetCloud Branch Service Plan Features

The NetCloud Service for Branch, Branch Performance & Virtual Routing is available with the following recommended Advanced and Essential features. The Advanced Add-On plan requires a corresponding Essentials plan.

Recommended NetCloud Branch Advanced	Features ³
WAN	
Application Aware QoS	✓
Application Aware Traffic Steering	✓
Security	
Application Aware Zone Firewall	✓
Security: CP Secure Threat Management (IPS/IDS)	✓
CP Secure Web Filter	✓
Web Classification and Categorization	✓
Web Reputation	✓
Zscaler Internet Security	Optional and Sold Separately
Visibility/Analytics	
Cellular Health Dashboard	✓
Application Traffic Analytics	✓

NetCloud Branch Essentials	Features
WAN	
Connection Manager	✓
LTE ¹	✓
WiFi-as-WAN / Client ¹	✓
Smart WAN Selection	✓
Quality of Service (QoS)	✓
Traffic Steering	✓
Enterprise Routing	
Static Routes	✓
Policy Routes	✓
OSPF	✓
BGP	✓
RIP	✓
NHRP	✓
NEMO / DMNR	✓
IP Verify	✓
VPN & Tunneling	
IPSec	✓
GRE	✓
OpenVPN (SSL VPN)	✓
L2TP	✓
Auto VPN	✓
Auto-Tunnels	✓
DMVPN	✓

NetCloud Branch Essentials	Features
Security	
Zone Firewall	✓
Basic URL Web filtering (White/Black list)	✓
NetCloud Perimeter	✓
LAN	
IPv4 & IPv6	✓
DHCP Server / Relay	✓
VRRP	✓
MAC Filtering and Logging	✓
IP Passthrough Mode ¹	✓
Wired 802.1x	✓
STP	✓
LLDP	✓
WiFi	
Multiple SSIDs ¹	✓
Wireless Security Modes ¹	✓
Open	✓
WEP	✓
WPA / WPA2 Personal	✓
WPA / WPA2 Enterprise (802.1x)	✓
Smart Channel Selection ¹	✓
HotSpot Services (Captive Portal) ¹	✓
Remote Connect / Out-of-Band Management	
Securely connect to device UI in any network architecture ²	✓
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 ²	✓
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	✓
WAN Network Interface Configuration	✓
View/Edit Network Interface Configuration	✓
Export Network Interface List	✓
Modem Configuration ¹	✓
Modem Firmware Visibility & Management ¹	✓
Modem Firmware Updates (one to multiple) ¹	✓
Auto & Manual Modem Carrier Switching ¹	✓
Scheduler	✓

NetCloud Branch Essentials	Features
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 ¹	✓
WiFi Site Survey ¹	✓
Visibility / Analytics	
Network Dashboard	✓
Group Dashboard	✓
Device Dashboard	✓
Device License Information	✓
Subscription Dashboard	✓
Health Dashboard	✓
WAN Uptime Analytics ³	✓
LAN Client Dashboard	✓
WAN Data Usage	✓
Modem Data Usage Analytics ¹	✓
Pooled Carrier Data Usage Analytics and Forecasting ¹	✓
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 ²	✓
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	✓
1 Not available on CR4250/CVR	
2 Not available on AER2200 FIPS	
3 Not available on CVR	



NetCloud Branch Adapter Service Plan Features

The NetCloud Service for LTE Adapters includes the following recommended Advanced and Essential features.

The NetCloud Branch LTE Adapter Service with the Advanced Add-On plan requires a corresponding Essentials plan. **The Advanced Add-On plan is only available on the CBA850.**

Recommended NetCloud Branch LTE Adapter Advanced	Features ¹
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	✓
Real-Time Diagnostics / Troubleshooting	
Advanced Real-Time Device Status	✓
Advanced Network Interface Status	✓
Visibility / Analytics	
Health Dashboard	✓
WAN Uptime Analytics	✓
Cellular Health	✓
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	✓

NetCloud Branch LTE Adapter Essentials	Features
WAN	
Connection Manager	✓
LTE	✓
WiFi-as-WAN / Client	
Smart WAN Selection ²	✓
Ethernet WAN for inline failover ²	✓
Quality of Service (QoS)	✓
Application Aware QoS	
Traffic Steering ²	✓
Enterprise Routing	
Static Routes	✓

NetCloud Branch LTE Adapter Essentials	Features
Security	
Zone Firewall	✓
Application Aware Zone Firewall	
Basic URL Web filtering (White/Black list)	✓
NetCloud Perimeter	✓
LAN	
IPv4 & IPv6	✓
DHCP Server / Relay	✓
VRRP	
MAC Filtering and Logging	
IP Passthrough Mode ¹	✓
Wired 802.1x	
STP	
LLDP	
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	✓
WAN Network Interface Configuration	✓
View/Edit Network Interface Configuration	✓
Export Network Interface List	✓
Modem Configuration	✓
Modem Firmware Visibility & Management	✓
Modem Firmware Updates (one to multiple)	✓
Auto & Manual Modem Carrier Switching	✓
Scheduler	✓
NetCloud OS Updates	✓
Real-Time Diagnostics / Troubleshooting	
Basic Real-Time Device Status	✓
Basic Network Interface Status	✓
Ping	✓
Traceroute	✓
Speed Test per WAN Interface	✓

NetCloud Branch LTE Adapter Essentials	Features
Visibility / Analytics	
Network Dashboard	✓
Group Dashboard	✓
Device Dashboard	✓
Device License Information	✓
Subscription Dashboard	✓
LAN Client Dashboard	
Application Traffic Analytics	
WAN Data Usage	✓
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	✓
¹ Advanced Add-On Plan is only available on the CBA850	
² Available only on the CBA850	



NetCloud Branch Access Service Plan Features

The NetCloud Service for Access Points includes the following Essential features.

NOTE – Access Points come with the Essentials package; however, APs must be deployed with a Branch endpoint with an NetCloud Essentials Plan and/or the Advanced Add-On plan.

NetCloud Branch Access Essentials	Features
LAN	
IPv4 & IPv6	✓
DHCP Server / Relay	
MAC Filtering and Logging	
STP	
LLDP	
WiFi	
Multiple SSIDs	✓
Wireless Security Modes	✓
Open	✓
WEP	✓
WPA / WPA2 Personal	✓
WPA / WPA2 Enterprise (802.1x)	✓
Smart Channel Selection	✓
HotSpot Services (Captive Portal)	✓
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	✓

NetCloud Branch Access Essentials	Features
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	✓
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	
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	✓