



NetCloud Branch Service Plan Features

The NetCloud Service for Branch, Branch Performance & Virtual Routing is available with the following recommended Advanced and Essential features. An Advanced 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	✓
CP Secure Threat Management (IPS/IDS)	✓
Actionable Alert on Threat Detection	✓
CP Secure Web Filter	✓
Web Classification and Categorization	✓
Web Reputation	✓
Zscaler Internet Security	Optional and Sold Separately
Remote Connect / Out-of-Band Management	
LAN Manager for clientless access to LAN connected PC/MAC devices (RDP/VNC)	✓
Visibility/Analytics	
Health Dashboard (Account, Group, Device)	✓
Traffic Steering for Events & Flows	✓
Cellular Health	✓
Failover Events	✓
Application Traffic Dashboard (Account, Group, Device)	✓
Security Dashboard (Account, Device)	✓
CP Secure Web Filter Summary and Events	✓
Default Password usage insight	✓
IoT Connectors	
NetCloud Edge Connector for Microsoft Azure IoT Central	✓

NetCloud Branch Essentials	Features
WAN	
Connection Manager	✓
LTE ¹	✓
Private LTE ⁴	✓
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	✓

NetCloud Branch Essentials	Features
GRE	✓
OpenVPN (SSL VPN)	✓
L2TP	✓
Auto VPN	✓
Auto-Tunnels	✓
DMVPN	✓
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 OS Updates	✓

NetCloud Branch 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 ¹	✓
WiFi Site Survey ¹	✓
Visibility / Analytics	
Account Dashboard	✓
Group Dashboard	✓
Device Dashboard	✓
GeoView Dashboard (Account, Group, Device)	✓
Near Real-Time Last Known Map Location	✓
GeoFence Alerting	✓
Modem Data Usage Dashboard ¹ (Account)	✓
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting ¹	✓
Data Usage Dashboard (Group, Device)	✓
Client Dashboard (Account, Group, Device)	✓
Health Dashboard (Account, Group, Device)	✓
WAN Uptime ³	✓
Devices Lifecycle (shows where software update is required)	✓
License Dashboard (Device)	✓
Subscription Dashboard (Account)	✓
Capacity Dashboard (with alerts) ⁵	✓
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	
⁴ Only on endpoints with an embedded or modular 1200M-B modem	
⁵ Only on CR4250 and AER2200	



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 plan requires a corresponding Essentials plan. **The Advanced 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	✓
LAN Manager for clientless access to LAN connected PC/MAC devices (RDP/VNC)	✓
Real-Time Diagnostics / Troubleshooting	
Advanced Real-Time Device Status	✓
Advanced Network Interface Status	✓
Visibility / Analytics	
GeoView Dashboard (Account, Group, Device)	✓
Near Real-Time Last Known Map Location	✓
GeoFence Alerting	✓
Modem Data Usage Dashboard (Account)	✓
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting	✓
Health Dashboard (Account, Group, Device)	✓
WAN Uptime	✓
Cellular Health	✓
Failover Events	✓
Security Dashboard (Account, Device)	✓
Default Password usage insight	✓

NetCloud Branch LTE Adapter Essentials	Features
WAN	
Connection Manager	✓
LTE	✓
Private LTE ³	✓
WiFi-as-WAN / Client	
Smart WAN Selection ²	✓
Ethernet WAN for inline failover ²	✓
Quality of Service (QoS)	✓
Application Aware QoS	

NetCloud Branch LTE Adapter Essentials	Features
Traffic Steering ²	✓
Enterprise Routing	
Static Routes	✓
Security	
Zone Firewall	✓
Basic URL Web filtering (White/Black list)	✓
NetCloud Perimeter	✓
LAN	
IPv4 & IPv6	✓
DHCP Server / Relay	✓
IP Passthrough Mode	✓
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	✓
Visibility / Analytics	
Account Dashboard	✓
Group Dashboard	✓
Device Dashboard	✓
Data Usage Dashboard (Group, Device)	✓

NetCloud Branch LTE Adapter Essentials	Features
Health Dashboard (Account, Group, Device)	✓
Devices Lifecycle (shows where software update is required)	✓
License Dashboard (Device)	✓
Subscription Dashboard (Account)	✓
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 Plan is only available on the CBA850	
² Available only on the CBA850	
³ Only on endpoints with an embedded or modular 1200M-B modem	



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 plan.

NetCloud Branch Access Essentials	Features
LAN	
IPv4 & IPv6	✓
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	✓
Real-Time Diagnostics / Troubleshooting	
Basic Real-Time Device Status	✓
Advanced Real-Time Device Status	✓
Basic Network Interface Status	✓
Advanced Network Interface Status	✓
Ping	✓
Traceroute	✓
Rogue AP Detection	✓
WiFi Site Survey	✓
Visibility / Analytics	
Account Dashboard	✓
Group Dashboard	✓
Device Dashboard	✓
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	✓