



NetCloud Branch Service Plan Features

The NetCloud Service for Branch and Enterprise Branch is available with the following Advanced and Essential cloud-managed features. An Advanced plan requires a corresponding Essentials plan.

Recommended NetCloud Branch Advanced	Features
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	✓
Troubleshooting	
In-band Management for clientless access to LAN connected PC/MAC devices (RDP/VNC)	✓
Dashboard Analytics	
Health Dashboard (Account, Group, Device)	✓
Cellular Health	✓
WAN Uptime (categorized by WAN service type)	✓
Application and Interface WAN Quality of Experience (QoE)	✓
Traffic Steering for Events & Flows	✓
Failover Events Summary	✓
Active Failover Events	✓
Application Traffic Dashboard (Account, Group, Device)	✓
Security Dashboard (Account, Device)	✓
CP Secure Web Filter Summary and Events	✓
CP Secure Threat Management (IDS/IPS) Events	✓
Default Password usage insights	✓
Insights	
Account Insights	
Failover Report (Account, Group)	✓
Extensibility & Integrations	
NetCloud Container Orchestrator ³	✓
NetCloud-delivered integrations (Cloud/IoT)	
NetCloud Edge Connector for AWS IoT Greengrass ³	✓
NetCloud Edge Connector for Microsoft Azure IoT Central	✓
NetCloud Branch Essentials	Features
WAN	

NetCloud Branch Essentials	Features
Connection Manager	✓
LTE	✓
Private LTE ²	✓
WiFi-as-WAN / Client	✓
Smart WAN Selection	✓
Quality of Service (QoS)	✓
Traffic Steering	✓
Enterprise Routing	
Static Routes	✓
Policy Routes	✓
OSPF	✓
BGP	✓
RIP	✓
NHRP	✓
NEMO / DMNR	✓
Open EIGRP ³	✓
IP Verify	✓
LAN	
IPv4 & IPv6	✓
DHCP Server / Relay	✓
VRRP	✓
MAC Filtering and Logging	✓
IP Passthrough Mode	✓
Wired 802.1x	✓
STP	✓
LLDP	✓
Wi-Fi	
Multiple SSIDs	✓
Wireless Security Modes	✓
Open	✓
WEP	✓
WPA / WPA2 Personal	✓
WPA / WPA2 Enterprise (802.1x)	✓
WPA / WPA2/WPA3 Personal and Enterprise (802.1x) ⁴	✓
Smart Channel Selection	✓
HotSpot Services (Captive Portal)	✓
Security	
Zone Firewall	✓
Basic URL Web filtering (White/Black list)	✓
NetCloud Perimeter	✓
VPN & Tunneling	
IPSec	✓
GRE	✓
OpenVPN (SSL VPN)	✓

NetCloud Branch Essentials	Features
L2TP	✓
Auto VPN	✓
Auto-Tunnels	✓
DMVPN	✓
Secure Cloud Management & Orchestration	
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	✓
Troubleshooting & Diagnostics	
Out-of-Band Management for Access to non-Cradlepoint devices with console port	✓
In-band management for access to LAN connected 3rd party device UIs ¹	✓
Real-time Device Status via Remote Connect Local UI (router)	✓
Real-time Network Interface Status via Remote Connect Local UI (router)	✓
Current Device Status via NetCloud Device Dashboard	✓
Current Network Interface Status via NetCloud Device Dashboard	✓
Ping	✓
Traceroute	✓
Speed Test per WAN Interface	✓
Rogue AP Detection	✓
Wi-Fi Site Survey	✓
Dashboard Analytics	
Account Dashboard	✓
Group Dashboard	✓
Device Dashboard	✓
GeoView Dashboard (Account, Group, Device)	✓
Near Real-Time Last Known Map Location	✓
GeoFence Alerting	✓

NetCloud Branch Essentials	Features
Modem Data Usage Dashboard (Account)	✓
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting	✓
Data Usage Dashboard (Group, Device)	✓
Client Dashboard (Account, Group, Device)	✓
Health Dashboard (Account, Group, Device)	✓
WAN Uptime ³ (uncategorized)	✓
Devices Lifecycle (shows where software update is required)	✓
License Dashboard (Device)	✓
Subscription Dashboard (Account)	✓
Capacity Dashboard (with alerts) ³	✓
Insights	
Network Insights	
Data Usage Report	✓
Health Insights	
Signal Strength Report	✓
Download Dashboard as CSV or PDF (dashboard dependent)	✓
Alerts & Logs	
Alert Management	✓
Enhanced Logging (user, activity, debug, device, alert)	✓
Extensibility & Integrations	
Custom business applications running at the edge with NetCloud SDK ¹	✓
NetCloud API	✓
NetCloud-delivered integrations (Network/Security, Private LTE)	✓
Accounts & Users	
Manage Users	✓
Manage Permissions	✓
Identity Federation with SAML 2.0 (Active Directory Integration)	✓
Marketplace for in-app purchases	✓
Customer/Partner community access, depending on user type	✓
Mobile Apps	
Cradlepoint Verify (installation)	✓
NetCloud Mobile (management)	✓
Optional Software	
Zscaler Internet Security	Optional and Sold Separately

¹ Not available on AER2200 FIPS
² Only on endpoints with an embedded or modular 1200M-B modem
³ Only on E300, E3000, and AER2200
⁴ Only on E300, E3000



NetCloud Branch Performance and CVR Service Plan Features

The NetCloud Service for Branch Performance & Virtual Routing is available with the following Advanced and Essential cloud-managed features. An Advanced plan requires a corresponding Essentials plan.

Recommended NetCloud Branch Advanced	Features ¹
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	✓
Troubleshooting & Diagnostics	
In-band Management for clientless access to LAN connected PC/MAC devices (RDP/VNC)	✓
Dashboard Analytics	
Health Dashboard (Account, Group, Device)	✓
Cellular Health	✓
WAN Uptime ¹ (categorized by WAN service type)	✓
Application and Interface WAN Quality of Experience (QoE)	✓
Traffic Steering for Events & Flows	✓
Failover Events Summary	✓
Active Failover Events	✓
Application Traffic Dashboard (Account, Group, Device)	✓
Security Dashboard (Account, Device)	✓
CP Secure Web Filter Summary and Events	✓
CP Secure Threat Management (IDS/IPS) Events	✓
Default Password usage insights	✓
Insights	
Account Insights	
Failover Report (Account, Group)	✓
Extensibility & Integrations	
NetCloud Container Orchestrator	
NetCloud-delivered integrations (Cloud/IoT)	
NetCloud Edge Connector for AWS IoT Greengrass	
NetCloud Edge Connector for Microsoft Azure IoT Central	

NetCloud Branch Essentials	Features
WAN	
Connection Manager	✓
LTE	
Private LTE ²	✓
WiFi-as-WAN / Client	
Smart WAN Selection	✓
Quality of Service (QoS)	✓
Traffic Steering	✓
Enterprise Routing	
Static Routes	✓
Policy Routes	✓
OSPF	✓
BGP	✓
RIP	✓
NHRP	✓
NEMO / DMNR	✓
EIGRP ¹	✓
IP Verify	✓
LAN	
IPv4 & IPv6	✓
DHCP Server / Relay	✓
VRRP	✓
MAC Filtering and Logging	✓
IP Passthrough Mode	
Wired 802.1x	✓
STP	✓
LLDP	✓
Wi-Fi	
Multiple SSIDs	
Wireless Security Modes	
Open	
WEP	
WPA / WPA2 Personal	
WPA / WPA2 Enterprise (802.1x)	
WPA / WPA2/WPA3 Personal and Enterprise (802.1x) ⁶	
Smart Channel Selection	
HotSpot Services (Captive Portal)	
Security	
Zone Firewall	✓
Basic URL Web filtering (White/Black list)	✓
NetCloud Perimeter	✓
VPN & Tunneling	
IPSec	✓

NetCloud Branch Essentials	Features
GRE	✓
OpenVPN (SSL VPN)	✓
L2TP	✓
Auto VPN	✓
Auto-Tunnels	✓
DMVPN	✓
Secure Cloud Management & Orchestration	
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	✓
Troubleshooting & Diagnostics	
Out-of-Band Management for Access to non-Cradlepoint devices with console port	✓
In-band management for access to LAN connected 3rd party device Uis	✓
Real-time Device Status via Remote Connect Local UI (router)	✓
Real-time Network Interface Status via Remote Connect Local UI (router)	✓
Current Device Status via NetCloud Device Dashboard	✓
Current Network Interface Status via NetCloud Device Dashboard	✓
Ping	✓
Traceroute	✓
Speed Test per WAN Interface	✓
Rogue AP Detection	
Wi-Fi Site Survey	
Dashboard Analytics	
Account Dashboard	✓
Group Dashboard	✓
Device Dashboard	✓
GeoView Dashboard (Account, Group, Device)	✓

NetCloud Branch Essentials	Features
Near Real-Time Last Known Map Location	✓
GeoFence Alerting	✓
Modem Data Usage Dashboard (Account)	
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting	
Data Usage Dashboard (Group, Device)	✓
Client Dashboard (Account, Group, Device)	✓
Health Dashboard (Account, Group, Device)	✓
WAN Uptime ³ (uncategorized)	✓
Devices Lifecycle (shows where software update is required)	✓
License Dashboard (Device)	✓
Subscription Dashboard (Account)	✓
Capacity Dashboard (with alerts) ³	✓
Insights	
Network Insights	
Data Usage Report	✓
Health Insights	
Signal Strength Report	✓
Download Dashboard as CSV or PDF (dashboard dependent)	✓
Alerts & Logs	
Alert Management	✓
Enhanced Logging (user, activity, debug, device, alert)	✓
Extensibility & Integrations	
Custom business applications running at the edge with NetCloud SDK	✓
NetCloud API	✓
NetCloud-delivered integrations (Network/Security, Private LTE)	✓
Accounts & Users	
Manage Users	✓
Manage Permissions	✓
Identity Federation with SAML 2.0 (Active Directory Integration)	✓
Marketplace for in-app purchases	✓
Customer/Partner community access, depending on user type	✓
Mobile Apps	
Cradlepoint Verify (installation)	✓
NetCloud Mobile (management)	✓
Optional Software	
Zscaler Internet Security	Optional and Sold Separately

¹ Only on CR4250

² 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	✓
Wi-Fi	
Multiple SSIDs	✓
Wireless Security Modes	✓
Open	✓
WEP	✓
WPA / WPA2 Personal	✓
WPA / WPA2 Enterprise (802.1x)	✓
Smart Channel Selection	✓
HotSpot Services (Captive Portal)	✓
Secure Remote Management & Orchestration	
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	✓
Troubleshooting & Diagnostics	
Out-of-Band Management for Access to non-Cradlepoint devices with console port	✓
In-band Management for access to LAN connected 3rd party device Uis	✓
Real-time Device Status via Remote Connect Local UI	✓
Real-time Network Interface Status via Remote Connect Local UI	✓
Current Device Status via NetCloud Device Dashboard	✓
Current Network Interface Status via NetCloud Device Dashboard	✓
Ping	✓

NetCloud Branch Access Essentials	Features
Traceroute	✓
Rogue AP Detection	✓
Wi-Fi Site Survey	✓
Dashboard Analytics	
Account Dashboard	✓
Group Dashboard	✓
Device Dashboard	✓
Insights	
Network Insights	✓
Data Usage Report	✓
Health Insights	✓
Signal Strength Report	✓
Download Dashboard as CSV or PDF (dashboard dependent)	✓
Alerts & Logs	
Alert Management	✓
Enhanced Logging (user, activity, debug, device, alert)	✓
Extensibility & Integrations	
Custom business applications running at the edge with NetCloud SDK	✓
NetCloud API	✓
NetCloud-delivered integrations (Network/Security)	✓
Accounts & Users	
Manage Users	✓
Manage Permissions	✓
Identity Federation with SAML 2.0 (Active Directory Integration)	✓
Marketplace for in-app purchases	✓
Customer/Partner community access, depending on user type	✓
Mobile Apps	
Cradlepoint Verify (installation)	✓
NetCloud Mobile (management)	✓



NetCloud Branch Adapter Service Plan Features

The NetCloud Service for 5G and LTE Adapters includes the following recommended Advanced and Essential features.

The NetCloud Branch 5G or LTE Adapter Service with the Advanced plan requires a corresponding Essentials plan. The LTE Branch Advanced plan is only available on the CBA850. The 5G Advanced plan is available on both the W2000 and W2005.

Recommended NetCloud Branch Adapter Advanced	Features ¹
Troubleshooting & Diagnostics	
Out-of-Band Management for Access to non-Cradlepoint devices with console port	✓
In-band management for access to LAN connected 3rd Party Device UIs	✓
In-band management for clientless access to LAN connected PC/MAC devices (RDP/VNC)	✓
Real-time Device Status via Remote Connect Local UI	✓
Real-time Network Interface Status via Remote Connect Local UI	✓
Dashboard 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)	✓
Cellular Health	✓
Application and Interface WAN Quality of Experience (QoE)	✓
WAN Uptime (categorized by WAN service type)	✓
Failover Events Summary	✓
Active Failover Events	✓
Security Dashboard (Account, Device)	✓
Default Password usage insights	✓
Insights	
Account Insights	
Failover Report	✓
NetCloud Branch Adapter Essentials	Features
WAN	
Connection Manager	✓
LTE	✓
Private LTE ³	✓
WiFi-as-WAN / Client	
Smart WAN Selection ²	✓

NetCloud Branch Adapter Essentials	Features
Ethernet WAN for inline failover ²	✓
Quality of Service (QoS)	✓
Application Aware QoS	
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 Management & Orchestration	
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	✓
Troubleshooting & Diagnostics	
Current Device Status via NetCloud Device Dashboard	✓
Current Network Interface Status via NetCloud Device Dashboard	✓
Ping	✓
Traceroute	✓
Speed Test per WAN Interface	✓

NetCloud Branch Adapter Essentials	Features
Dashboard Analytics	
Account Dashboard	✓
Group Dashboard	✓
Device Dashboard	✓
Data Usage Dashboard (Group, Device)	✓
Health Dashboard (Account, Group, Device)	✓
Devices Lifecycle (shows where software update is required)	✓
License Dashboard (Device)	✓
Subscription Dashboard (Account)	✓
Insights	
Network Insights	✓
Data Usage Report	✓
Health Insights	✓
Signal Strength Report	✓
Download Dashboard as CSV or PDF (dashboard dependent)	✓
Alerts & Logs	
Alert Management	✓
Enhanced Logging (user, activity, debug, device, alert)	✓
Extensibility & Integrations	
Custom business applications running at the edge with NCOS SDK	✓
NetCloud API	✓
NetCloud-delivered integrations (Network/Security)	✓
Accounts & Users	
Manage Users	✓
Manage Permissions	✓
Identity Federation with SAML 2.0 (Active Directory Integration)	✓
Marketplace for in-app purchases	✓
Customer/Partner community access, depending on user type	✓
Mobile Apps	
Cradlepoint Verify (installation)	✓
NetCloud Mobile (management)	✓

¹ Advanced Plan is not available on the CBA550

² Not available on the CBA550



NetCloud SOHO Service Plans Features

The NetCloud Service for Branch SOHO and the NetCloud Service for Branch Ruggedized SOHO include the following Advanced and Essential features. Both Advanced and Essentials plan features are included in all SOHO packages.

NetCloud SOHO Essentials+Advanced Features	SOHO Branch (E100)	SOHO Ruggedized (IBR600C)
WAN		
Connection Manager	✓	✓
LTE	✓	✓
WiFi-as-WAN / Client	✓	✓
Smart WAN Selection	✓	✓
Quality of Service (QoS)	✓	✓
Traffic Steering	✓	✓
Application Aware QoS	✓	✗
Application Aware 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	✓	✓
Security		
Zone Firewall	✓	✓
Basic URL Web filtering (White/Black list)	✓	✓
NetCloud Perimeter	✗	✗
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	✓	✗
LAN		
IPv4 & IPv6	✓	✓
DHCP Server / Relay	✓	✓
MAC Filtering and Logging	✓	✓
IP Passthrough Mode		
Wired 802.1x	✓	✓
STP	✓	✓
LLDP	✓	✓

NetCloud SOHO Essentials+Advanced Features	SOHO Branch (E100)	SOHO Ruggedized (IBR600C)
Wi-Fi		
Dual SSIDs	✓	✓
Wireless Security Modes	✓	✓
Open	✓	✓
WPA / WPA2 Personal	✓	✓
WPA / WPA2 Enterprise (802.1x)	✓	✓
WPA / WPA2 / WPA3 Personal and Enterprise (802.1x)	✓	✗
Smart Channel Selection	✓	✓
Secure Remote Management & Orchestration		
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	✓	✓
Modem Firmware Updates (one to multiple)	✓	✓
Auto & Manual Modem Carrier Switching	✓	✓
Scheduler	✓	✓
NetCloud OS Updates	✓	✓
Troubleshooting & Diagnostics		
Out-of-Band Management for Access to non-Cradlepoint devices with console port	✓	✓
In-band management for access to LAN connected 3rd Party Device Uis	✓	✓
In-band management for clientless access to LAN connected PC/MAC devices (RDP/VNC)	✓	✓
Real-time Device Status via Remote Connect Local UI	✓	✓
Real-time Network Interface Status via Remote Connect Local UI	✓	✓
Current Device Status via NetCloud Device Dashboard	✓	✓
Current Network Interface Status via NetCloud Device Dashboard	✓	✓
Ping	✓	✓
Traceroute	✓	✓
Speed Test per WAN Interface	✓	✓
Rogue AP Detection	✓	✓
Wi-Fi Site Survey	✓	✓
Dashboard 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 (Account)	✓	✓
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting	✓	✓
Data Usage Dashboard (Group, Device)	✓	✓

NetCloud SOHO Essentials+Advanced Features	SOHO Branch (E100)	SOHO Ruggedized (IBR600C)
Client Dashboard (Account, Group, Device)	✓	✓
Security Dashboard (Account, Device)	✓	✓
CP Secure Web Filter Summary and Events	✓	✗
CP Secure Threat Management (IDS/IPS) Events	✓	✗
Default Password usage insights	✓	✓
Health Dashboard (Account, Group, Device)	✓	✓
WAN Uptime (categorized by WAN service type)	✓	✓
Devices Lifecycle (shows where software update is required)	✓	✓
Cellular Health	✓	✓
Application and Interface WAN Quality of Experience (QoE)	✓	Interface WAN QoE only
Traffic Steering for Events & Flows	✓	✗
Failover Events Summary	✓	✓
Active Failover Events	✓	✓
License Dashboard (Device)	✓	✓
Subscription Dashboard (Account)	✓	✓
Application Traffic Dashboard (Account, Group, Device)	✓	✗
Insights		
Account Insights		
Failover Report	✓	✓
Network Insights		
Data Usage Report	✓	✓
Health Insights		
Signal Strength Report	✓	✓
Download Dashboard as CSV or PDF (dashboard dependent)	✓	✓
Alerts & Logs		
Alert Management	✓	✓
Enhanced Logging (user, activity, debug, device, alert)	✓	✓
Extensibility & Integrations		
Custom business applications running at the edge with NetCloud SDK	✓	✓
NetCloud API	✓	✓
NetCloud-delivered integrations (Network/Security)	✓	✓
Accounts & Users		
Manage Users	✓	✓
Manage Permissions	✓	✓
Identity Federation with SAML 2.0 (Active Directory Integration)	✓	✓
Marketplace for in-app purchases	✓	✓
Customer/Partner community access, depending on user type	✓	✓
Mobile Apps		
Cradlepoint Verify (installation)	✓	✓
NetCloud Mobile (management)	✓	✓
Optional Software		
Zscaler Internet Security	Optional and Sold Separately	Package Option



NetCloud Mobile Service Plan Features

The NetCloud Mobile Service is available with the following recommended Advanced and Essentials features.

The NetCloud Mobile Service with an Advanced plan requires a corresponding Essentials plan.

Recommended NetCloud Mobile Advanced	Features
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	✓
Troubleshooting & Diagnostics	
In-band management for clientless access to LAN connected PC/MAC devices (RDP/VNC)	✓
Dashboard Analytics	
GeoView Dashboard (Account, Group, Device)	✓
Cellular Coverage Map with filter	✓
Location Tracking	✓
Health Dashboard (Account, Group, Device)	✓
Cellular Health	✓
WAN Uptime (categorized by WAN service type)	✓
Application and Interface WAN Quality of Experience (QoE)	✓
Traffic Steering for Events & Flows	✓
Failover Events Summary	✓
Active Failover Events	✓
Application Traffic Dashboard (Account, Group, Device)	✓
Security Dashboard (Account, Device)	✓
CP Secure Web Filter Summary and Events	✓
CP Secure Threat Management (IDS/IPS) Events	✓
Default Password usage insight	✓
Insights	
Account Insights	
Failover Report	✓
Extensibility & Integrations	
NetCloud Container Orchestrator ⁴	✓
NetCloud-delivered integrations (Cloud/IoT)	
NetCloud Edge Connector for AWS IoT Greengrass ⁴	✓
NetCloud Edge Connector for Microsoft Azure IoT Central	✓

NetCloud Mobile Essentials	Features
WAN	
Connection Manager	✓
LTE	✓
Private LTE ³	✓
WiFi-as-WAN / Client	✓
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	✓
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	✓
Wired 802.1x	✓
STP	✓
LLDP	✓
Wi-Fi	
Multiple SSIDs	✓
Wireless Security Modes	✓
Open	✓
WEP	✓
WPA / WPA2 Personal	✓
WPA / WPA2 Enterprise (802.1x)	✓

NetCloud Mobile Essentials		Features
Smart Channel Selection		✓
HotSpot Services (Captive Portal)		✓
Secure Remote Management & Orchestration		
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		✓
Troubleshooting & Diagnostics		
Out-of-Band Management for Access to non-Cradlepoint devices with console port		✓
In-band management for access to LAN connected 3rd Party Device UIs ²		✓
Real-time Device Status via Remote Connect Local UI		✓
Real-time Network Interface Status via Remote Connect Local UI		✓
Current Device Status vis NetCloud Device Dashboard		✓
Current Network Interface Status via NetCloud Device Dashboard		✓
Ping		✓
Traceroute		✓
Speed Test per WAN Interface		✓
Rogue AP Detection		✓
W-Fi Site Survey		✓
OBD-II Support ¹		✓
Dashboard 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 (Account)		✓
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting		✓

NetCloud Mobile Essentials	Features
Data Usage Dashboard (Group, Device)	✓
Client Dashboard (Account, Group, Device)	✓
Health Dashboard (Account, Group, Device)	✓
WAN Uptime (uncategorized)	✓
Devices Lifecycle (shows where software update is required)	✓
License Dashboard (Device)	✓
Subscription Dashboard (Account)	✓
Insights	
Network Insights	
Data Usage Report	✓
Health Insights	
Signal Strength Report	✓
Download Dashboard as CSV or PDF (dashboard dependent)	✓
Alerts & Logs	
Alert Management	✓
Enhanced Logging (user, activity, debug, device, alert)	✓
Extensibility & Integrations	
Custom business applications running at the edge with NetCloud SDK ²	✓
NetCloud API	✓
NetCloud-delivered integrations (Mobile/Telematics, Network/Security)	✓
GPS send-to-server/ (5 different sentences)	✓
Accounts & Users	
Manage Users	✓
Manage Permissions	✓
Identity Federation with SAML 2.0 (Active Directory Integration)	✓
Marketplace for in-app purchases	✓
Customer/Partner community access, depending on user type	✓
Mobile Apps	
Cradlepoint Verify (installation)	✓
NetCloud Mobile (management)	✓
Optional Software	
Zscaler Internet Security	Optional and Sold Separately

¹ IBR900/1700 requires OBD-II adapter to function. IBR900 requires extensibility serial cable in addition to the OBD-II adapter.

² Not available on the IBR900 FIPS and IBR1700 FIPS

³ Only on IBR1700-1200M-B or IBR900 w/ dock and MC400-1200M-B

⁴ Only on IBR1700



NetCloud IoT & Ruggedized IoT Service Plan Feature

The NetCloud IoT and Ruggedized IoT³ Service is available with the following recommended Advanced and Essentials features. The NetCloud IoT Service with an Advanced plan requires a corresponding Essentials plan.

Recommended NetCloud IoT Advanced	Features
VPN & Tunneling	
OpenVPN (SSL VPN) ¹	✓
L2TP ¹	✓
Auto-Tunnels ²	✓
DMVPN ¹	✓
LAN	
VRRP ¹	✓
STP ¹	✓
Troubleshooting & Diagnostics	
Out-of-Band Management for Access to non-Cradlepoint devices with console port	✓
In-band management for access to LAN connected 3rd Party Device UIs	✓
In-band management for clientless access to LAN connected PC/MAC devices (RDP/VNC)	✓
Real-time Device Status via Remote Connect Local UI	✓
Real-time Network Interface Status via Remote Connect Local UI	✓
Dashboard Analytics	
GeoView Dashboard (Account, Group, Device)	✓
Near Real-Time Last Known Map Location	✓
GeoFence Alerting	✓
Health Dashboard (Account, Group, Device)	✓
Cellular Health	✓
Application and Interface WAN Quality of Experience (QoE)	✓
WAN Uptime (categorized by WAN service type)	✓
Failover Events Summary	✓
Active Failover Events	✓
Security Dashboard (Account, Device)	✓
Default Password usage insights	✓
Client Dashboard (Account, Group, Device)	✓
Modem Data Usage Dashboard (Account)	✓
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting	✓
Insights	
Account Insights	
Failover Report	✓
Extensibility & Integrations	
NetCloud-delivered integrations (Cloud/IoT)	
NetCloud Edge Connector for Microsoft Azure IoT Central	✓

NetCloud IoT Essentials	Features
WAN	
Connection Manager	✓
LTE	✓
WiFi-as-WAN	✓
Wireless Client ²	✓
Smart WAN Selection	✓
Quality of Service (QoS)	✓
Traffic Steering	✓
Enterprise Routing	
Static Routes	✓
Policy Routes ¹	✓
OSPF ¹	✓
BGP ¹	✓
RIP ¹	✓
NHRP ¹	✓
NEMO / DMNR	✓
IP Verify	✓
VPN & Tunneling	
IPSec	✓
GRE	✓
Auto VPN	✓
Security	
Zone Firewall	✓
Basic URL Web filtering (White/Black list)	✓
NetCloud Perimeter	✓
LAN	
IPv4 & IPv6	✓
DHCP Server / Relay	✓
IP Passthrough Mode	✓
Wi-Fi	
Multiple SSIDs	✓
Wireless Security Modes	✓
Open	✓
WEP	✓
WPA / WPA2 Personal	✓
WPA / WPA2 Enterprise (802.1x)	✓
Smart Channel Selection	✓
HotSpot Services (Captive Portal) ¹	✓
Secure Remote Management & Orchestration	
Individual Device Configuration	✓
View / Edit Device Configuration	✓
Clear Device Configuration	✓

NetCloud IoT Essentials	Features
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 ¹	✓
Scheduler	✓
NetCloud OS Updates	✓
Troubleshooting & Diagnostics	
Current Device Status via NetCloud Device Dashboard	✓
Current Network Interface Status via NetCloud Device Dashboard	✓
Ping	✓
Traceroute	✓
Speed Test per WAN Interface	✓
Rogue AP Detection	✓
Wi-Fi Site Survey	✓
Dashboard Analytics	
Account Dashboard	✓
Group Dashboard	✓
Device Dashboard	✓
Data Usage Dashboard (Group, Device)	✓
Health Dashboard (Account, Group, Device)	✓
Devices Lifecycle (shows where software update is required)	✓
License Dashboard (Device)	✓
Subscription Dashboard (Account)	✓
Insights	
Network Insights	
Data Usage Report	✓
Health Insights	
Signal Strength Report	✓
Download Dashboard as CSV or PDF (dashboard dependent)	✓
Alerts & Logs	
Alert Management	✓

NetCloud IoT Essentials	Features
Enhanced Logging (user, activity, debug, device, alert)	✓
Extensibility & Integrations	
Custom business applications running at the edge with NetCloud SDK	✓
NetCloud API	✓
NetCloud-delivered integrations (Network/Security))	✓
Accounts & Users	
Manage Users	✓
Manage Permissions	✓
Identity Federation with SAML 2.0 (Active Directory Integration)	✓
Marketplace for in-app purchases	✓
Customer/Partner community access, depending on user type	✓
Mobile Apps	
Cradlepoint Verify (installation)	✓
NetCloud Mobile (management)	✓
Optional Software	
Zscaler Internet Security ¹	Optional and Sold Separately

¹ Not available on IBR200

² Only available on the IBR600C

³ Ruggedized IoT service plan is the same as IoT service plan, for an IBR900 router.