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

NetCloud Branch Essentials	Features
Connection Manager	\checkmark
LTE	✓
Private LTE ²	✓
WiFi-as-WAN / Client	✓
Smart WAN Selection	✓
Quality of Service (QoS)	✓
Traffic Steering	✓
Enterprise Routing	
Static Routes	\checkmark
Policy Routes	\checkmark
OSPF	\checkmark
BGP	\checkmark
RIP	\checkmark
NHRP	\checkmark
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	• •
	✓
Basic URL Web filtering (White/Black list)	
NetCloud Perimeter	✓ · · · · · · · · · · · · · · · · · · ·
VPN & Tunneling	
IPSec	√
GRE	✓
OpenVPN (SSL VPN)	✓

NetCloud Branch Essentials	Features
L2TP	\checkmark
Auto VPN	\checkmark
Auto-Tunnels	\checkmark
DMVPN	\checkmark
Secure Cloud Management & Orchestration	
Individual Device Configuration	\checkmark
View / Edit Device Configuration	\checkmark
Clear Device Configuration	\checkmark
Remote Reboot	\checkmark
Restore to Factory Defaults	\checkmark
Export Device List	\checkmark
Group Device Configuration	\checkmark
View / Edit Group Configuration	\checkmark
Export Group Device List	\checkmark
Group NetCloud OS Updates	\checkmark
Copy Configuration to Group	\checkmark
WAN Network Interface Configuration	\checkmark
View/Edit Network Interface Configuration	\checkmark
Export Network Interface List	\checkmark
Modem Configuration	\checkmark
Modem Firmware Visibility & Management	\checkmark
Modem Firmware Updates (one to multiple)	\checkmark
Auto & Manual Modem Carrier Switching	\checkmark
Scheduler	\checkmark
NetCloud OS Updates	\checkmark
Troubleshooting & Diagnostics	
Out-of-Band Management for Access to non-Cradlepoint devices with console port	\checkmark
In-band management for access to LAN connected 3rd party device UIs^1	\checkmark
Real-time Device Status via Remote Connect Local UI (router)	\checkmark
Real-time Network Interface Status via Remote Connect Local UI (router)	\checkmark
Current Device Status via NetCloud Device Dashboard	\checkmark
Current Network Interface Status via NetCloud Device Dashboard	\checkmark
Ping	\checkmark
Traceroute	\checkmark
Speed Test per WAN Interface	\checkmark
Rogue AP Detection	\checkmark
Wi-Fi Site Survey	\checkmark
Dashboard Analytics	
Account Dashboard	\checkmark
Group Dashboard	\checkmark
Device Dashboard	\checkmark
GeoView Dashboard (Account, Group, Device)	\checkmark
Near Real-Time Last Known Map Location	\checkmark
GeoFence Alerting	\checkmark

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

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

cradiepoint 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	\checkmark
Application Aware Traffic Steering	\checkmark
Security	
Application Aware Zone Firewall	\checkmark
CP Secure Threat Management (IPS/IDS)	\checkmark
Actionable Alert on Threat Detection	\checkmark
CP Secure Web Filter	\checkmark
Web Classification and Categorization	\checkmark
Web Reputation	\checkmark
Troubleshooting & Diagnostics	
In-band Management for clientless access to LAN connected PC/MAC devices (RDP/VNC)	\checkmark
Dashboard Analytics	
Health Dashboard (Account, Group, Device)	\checkmark
Cellular Health	\checkmark
WAN Uptime ¹ (categorized by WAN service type)	\checkmark
Application and Interface WAN Quality of Experience (QoE)	\checkmark
Traffic Steering for Events & Flows	\checkmark
Failover Events Summary	\checkmark
Active Failover Events	\checkmark
Application Traffic Dashboard (Account, Group, Device)	\checkmark
Security Dashboard (Account, Device)	\checkmark
CP Secure Web Filter Summary and Events	\checkmark
CP Secure Threat Management (IDS/IPS) Events	\checkmark
Default Password usage insights	\checkmark
Insights	
Account Insights	
Failover Report (Account, Group)	\checkmark
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	\checkmark
LTE	
Private LTE ²	\checkmark
WiFi-as-WAN / Client	
Smart WAN Selection	\checkmark
Quality of Service (QoS)	\checkmark
Traffic Steering	\checkmark
Enterprise Routing	
Static Routes	\checkmark
Policy Routes	\checkmark
OSPF	\checkmark
BGP	\checkmark
RIP	\checkmark
NHRP	\checkmark
NEMO / DMNR	\checkmark
EIGRP ¹	\checkmark
IP Verify	\checkmark
LAN	
IPv4 & IPv6	\checkmark
DHCP Server / Relay	\checkmark
VRRP	\checkmark
MAC Filtering and Logging	\checkmark
IP Passthrough Mode	
Wired 802.1x	\checkmark
STP	\checkmark
LLDP	\checkmark
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	\checkmark
Basic URL Web filtering (White/Black list)	\checkmark
NetCloud Perimeter	\checkmark
VPN & Tunneling	
IPSec	\checkmark

NetCloud Branch Essentials	Features
GRE	\checkmark
OpenVPN (SSL VPN)	\checkmark
L2TP	\checkmark
Auto VPN	\checkmark
Auto-Tunnels	\checkmark
DMVPN	\checkmark
Secure Cloud Management & Orchestration	
Individual Device Configuration	\checkmark
View / Edit Device Configuration	\checkmark
Clear Device Configuration	\checkmark
Remote Reboot	\checkmark
Restore to Factory Defaults	\checkmark
Export Device List	\checkmark
Group Device Configuration	\checkmark
View / Edit Group Configuration	\checkmark
Export Group Device List	\checkmark
Group NetCloud OS Updates	\checkmark
Copy Configuration to Group	\checkmark
WAN Network Interface Configuration	\checkmark
View/Edit Network Interface Configuration	\checkmark
Export Network Interface List	\checkmark
Modem Configuration	
Modem Firmware Visibility & Management	
Modem Firmware Updates (one to multiple)	
Auto & Manual Modem Carrier Switching	
Scheduler	\checkmark
NetCloud OS Updates	\checkmark
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	\checkmark
Real-time Device Status via Remote Connect Local UI (router)	√
Real-time Network Interface Status via Remote Connect Local UI (router)	\checkmark
Current Device Status via NetCloud Device Dashboard	\checkmark
Current Network Interface Status via NetCloud Device Dashboard	\checkmark
Ping	\checkmark
Traceroute	\checkmark
Speed Test per WAN Interface	\checkmark
Rogue AP Detection	
Wi-Fi Site Survey	
Dashboard Analytics	
Account Dashboard	√
Group Dashboard	\checkmark
Device Dashboard	\checkmark
GeoView Dashboard (Account, Group, Device)	\checkmark

NetCloud Branch Essentials	Features
Near Real-Time Last Known Map Location	\checkmark
GeoFence Alerting	\checkmark
Modem Data Usage Dashboard (Account)	
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting	
Data Usage Dashboard (Group, Device)	✓
Client Dashboard (Account, Group, Device)	\checkmark
Health Dashboard (Account, Group, Device)	\checkmark
WAN Uptime ³ (uncategorized)	\checkmark
Devices Lifecycle (shows where software update is required)	\checkmark
License Dashboard (Device)	\checkmark
Subscription Dashboard (Account)	\checkmark
Capacity Dashboard (with alerts) ³	\checkmark
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	\checkmark
NetCloud API	\checkmark
NetCloud-delivered integrations (Network/Security, Private LTE)	\checkmark
Accounts & Users	
Manage Users	√
Manage Permissions	\checkmark
Identity Federation with SAML 2.0 (Active Directory Integration)	\checkmark
Marketplace for in-app purchases	\checkmark
Customer/Partner community access, depending on user type	\checkmark
Mobile Apps	
Cradlepoint Verify (installation)	√
NetCloud Mobile (management)	\checkmark
Optional Software	
Zscaler Internet Security	Optional and Sold Separate

¹ Only on CR4250	
² Only on endpoints with an embedded or modular 1200M-B modem	

cradiepoint 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	\checkmark
Wi-Fi	
Multiple SSIDs	\checkmark
Wireless Security Modes	\checkmark
Open	\checkmark
WEP	\checkmark
WPA / WPA2 Personal	\checkmark
WPA / WPA2 Enterprise (802.1x)	\checkmark
Smart Channel Selection	\checkmark
HotSpot Services (Captive Portal)	\checkmark
Secure Remote Management & Orchestration	
Individual Device Configuration	\checkmark
View / Edit Device Configuration	\checkmark
Clear Device Configuration	\checkmark
Remote Reboot	\checkmark
Restore to Factory Defaults	\checkmark
Export Device List	\checkmark
Group Device Configuration	\checkmark
View / Edit Group Configuration	\checkmark
Export Group Device List	\checkmark
Group NetCloud OS Updates	\checkmark
Copy Configuration to Group	\checkmark
Scheduler	\checkmark
NetCloud OS Updates	\checkmark
Troubleshooting & Diagnostics	
Out-of-Band Management for Access to non-Cradlepoint devices with console port	\checkmark
In-band Management for access to LAN connected 3rd party device Uis	\checkmark
Real-time Device Status via Remote Connect Local UI	\checkmark
Real-time Network Interface Status via Remote Connect Local UI	\checkmark
Current Device Status via NetCloud Device Dashboard	\checkmark
Current Network Interface Status via NetCloud Device Dashboard	\checkmark
Ping	\checkmark

NetCloud Branch Access Essentials	Features
Traceroute	√
Rogue AP Detection	✓
Wi-Fi Site Survey	✓
Dashboard Analytics	
Account Dashboard	\checkmark
Group Dashboard	\checkmark
Device Dashboard	\checkmark
Insights	
Network Insights	\checkmark
Data Usage Report	✓
Health Insights	✓
Signal Strength Report	✓
Download Dashboard as CSV or PDF (dashboard dependent)	\checkmark
Alerts & Logs	
Alert Management	\checkmark
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	\checkmark
Manage Permissions	√
Identity Federation with SAML 2.0 (Active Directory Integration)	\checkmark
Marketplace for in-app purchases	\checkmark
Customer/Partner community access, depending on user type	\checkmark
Mobile Apps	
Cradlepoint Verify (installation)	✓
NetCloud Mobile (management)	✓

cradlepoint 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	\checkmark
In-band management for access to LAN connected 3rd Party Device UIs	\checkmark
In-band management for clientless access to LAN connected PC/MAC devices (RDP/VNC)	\checkmark
Real-time Device Status via Remote Connect Local UI	\checkmark
Real-time Network Interface Status via Remote Connect Local UI	\checkmark
Dashboard Analytics	
GeoView Dashboard (Account, Group, Device)	\checkmark
Near Real-Time Last Known Map Location	\checkmark
GeoFence Alerting	\checkmark
Modem Data Usage Dashboard (Account)	\checkmark
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting	\checkmark
Health Dashboard (Account, Group, Device)	\checkmark
Cellular Health	\checkmark
Application and Interface WAN Quality of Experience (QoE)	\checkmark
WAN Uptime (categorized by WAN service type)	\checkmark
Failover Events Summary	\checkmark
Active Failover Events	\checkmark
Security Dashboard (Account, Device)	\checkmark
Default Password usage insights	\checkmark
Insights	
Account Insights	
Failover Report	\checkmark
NetCloud Branch Adapter Essentials	Features
WAN	
Connection Manager	\checkmark
LTE	\checkmark
Private LTE ³	\checkmark
WiFi-as-WAN / Client	
Smart WAN Selection ²	\checkmark

NetCloud Branch Adapter Essentials	Features
Ethernet WAN for inline failover ²	✓
Quality of Service (QoS)	✓
Application Aware QoS	
Traffic Steering ²	\checkmark
Enterprise Routing	
Static Routes	\checkmark
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	\checkmark
View / Edit Device Configuration	\checkmark
Clear Device Configuration	\checkmark
Remote Reboot	\checkmark
Restore to Factory Defaults	\checkmark
Export Device List	✓
Group Device Configuration	\checkmark
View / Edit Group Configuration	\checkmark
Export Group Device List	\checkmark
Group NetCloud OS Updates	\checkmark
Copy Configuration to Group	✓
WAN Network Interface Configuration	✓
View/Edit Network Interface Configuration	\checkmark
Export Network Interface List	\checkmark
Modem Configuration	\checkmark
Modem Firmware Visibility & Management	✓
Modem Firmware Updates (one to multiple)	✓
Auto & Manual Modem Carrier Switching	\checkmark
Scheduler	✓
NetCloud OS Updates	✓
Troubleshooting & Diagnostics	
Current Device Status via NetCloud Device Dashboard	√
Current Network Interface Status via NetCloud Device Dashboard	\checkmark
Ping	\checkmark
Traceroute	\checkmark
Speed Test per WAN Interface	\checkmark

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

¹ Advanced Plan is not available on the CBA550	
² Not available on the CBA550	

cradlepoint 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	\checkmark	\checkmark
LTE	\checkmark	\checkmark
WiFi-as-WAN / Client	\checkmark	\checkmark
Smart WAN Selection	\checkmark	\checkmark
Quality of Service (QoS)	\checkmark	\checkmark
Traffic Steering	√	\checkmark
Application Aware QoS	\checkmark	×
Application Aware Traffic Steering	\checkmark	×
Enterprise Routing		
Static Routes	\checkmark	\checkmark
Policy Routes	\checkmark	\checkmark
OSPF	\checkmark	\checkmark
BGP	\checkmark	\checkmark
RIP	\checkmark	\checkmark
NHRP	\checkmark	\checkmark
NEMO / DMNR	\checkmark	\checkmark
IP Verify	\checkmark	\checkmark
VPN & Tunneling		
IPSec	\checkmark	√
GRE	\checkmark	\checkmark
OpenVPN (SSL VPN)	\checkmark	\checkmark
L2TP	\checkmark	\checkmark
Auto VPN	\checkmark	\checkmark
Auto-Tunnels	\checkmark	\checkmark
DMVPN	\checkmark	\checkmark
Security		
Zone Firewall	\checkmark	\checkmark
Basic URL Web filtering (White/Black list)	\checkmark	\checkmark
NetCloud Perimeter	×	×
Application Aware Zone Firewall	\checkmark	×
CP Secure Threat Management (IPS/IDS)	\checkmark	×
Actionable Alert on Threat Detection	\checkmark	×
CP Secure Web Filter	\checkmark	×
Web Classification and Categorization	\checkmark	×
Web Reputation	\checkmark	×
LAN		
IPv4 & IPv6	√	\checkmark
DHCP Server / Relay	\checkmark	\checkmark
MAC Filtering and Logging	\checkmark	\checkmark
IP Passthrough Mode		
Wired 802.1x	√	\checkmark
STP	\checkmark	\checkmark
LLDP	\checkmark	\checkmark

Inteless Security Modes Image: Security Modes Open Image: Security Modes Image: Security Modes Open Image: Security Modes Image: Security Modes WPA / WPA2 Personal and Enterprise (802.1x) Image: Security Modes Image: Security Modes WPA / WPA2 / WPA3 Personal and Enterprise (802.1x) Image: Security Modes Image: Security Modes Secure Remote Management & Orchestration Image: Security Modes Image: Security Modes Glear Device Configuration Image: Security Modes Image: Security Modes Remote Reboot Image: Security Modes Image: Security Modes Report Device List Image: Security Modes Image: Security Modes roup Device Configuration Image: Security Modes Image: Security Modes View /Edit Group Configuration Image: Security Modes Image: Security Modes View /Edit Group Device List Image: Security Modes Image: Security Modes Copy Configuration to Group Image: Security Modes Image: Security Modes View /Edit Network Interface Configuration Image: Security Modes Image: Security Modes View/Edit Network Interface Configuration Imagement		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
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mart Channel Selection secure Remote Management & Orchestration dividual Device Configuration View / Edit Device Configuration Clear Device Configuration Remote Reboot Restore to Factory Defaults Export Device List roup Device Configuration View / Edit Group Configuration Export Group Device List Group NetCloud OS Updates Copy Configuration View/Edit Network Interface Status View Method NetCloud OS Updates rubelshooting & Diagnostice ut-ob-Band Management for Access to LAN connected 3rd Party Device Us -band management for clientless access to LAN connected PC/MAC devices (RDP/VNC) eal-time Network Interface Status via Remote Connect Local UI viernet Network Interface Status via Remote Connect Local UI viernet Network Interface Status via Remote Connect Local UI viernet Network Interface Status via NetCloud Device Dashboard ing aceroute peed Test pr WAN Interface viernet Network Interface viernet Network Interface Status via Remote Connect Local UI viernet Network Interface Status via NetCloud Device Dashboard ing aceroute peed Tes		
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ashboard Analytics	/	v
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	√ √	✓
		✓
		✓
		\checkmark
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting		✓ ✓ ✓

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

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

NetCloud Mobile Essentials	Features
WAN	
Connection Manager	\checkmark
LTE	\checkmark
Private LTE ³	\checkmark
WiFi-as-WAN / Client	✓
Smart WAN Selection	✓
Quality of Service (QoS)	\checkmark
Traffic Steering	\checkmark
Enterprise Routing	
Static Routes	\checkmark
Policy Routes	\checkmark
OSPF	\checkmark
BGP	\checkmark
RIP	\checkmark
NHRP	\checkmark
NEMO / DMNR	\checkmark
IP Verify	\checkmark
VPN & Tunneling	
IPSec	\checkmark
GRE	\checkmark
OpenVPN (SSL VPN)	\checkmark
L2TP	\checkmark
Auto VPN	\checkmark
Auto-Tunnels	\checkmark
DMVPN	\checkmark
Security	
Zone Firewall	\checkmark
Basic URL Web filtering (White/Black list)	\checkmark
NetCloud Perimeter	\checkmark
LAN	
IPv4 & IPv6	√
DHCP Server / Relay	√
VRRP	√
MAC Filtering and Logging	✓
IP Passthrough Mode	✓
Wired 802.1x	✓
STP	✓
LLDP	\checkmark
Wi-Fi	
Multiple SSIDs	✓
Wireless Security Modes	✓
Open	✓
WEP	✓
WPA / WPA2 Personal	✓
WPA / WPA2 Enterprise (802.1x)	\checkmark

NetCloud Mobile Essentials	Features
Smart Channel Selection	\checkmark
HotSpot Services (Captive Portal)	\checkmark
Secure Remote Management & Orchestration	
Individual Device Configuration	\checkmark
View / Edit Device Configuration	\checkmark
Clear Device Configuration	\checkmark
Remote Reboot	\checkmark
Restore to Factory Defaults	\checkmark
Export Device List	\checkmark
Group Device Configuration	✓
View / Edit Group Configuration	✓
Export Group Device List	✓
Group NetCloud OS Updates	✓
Copy Configuration to Group	\checkmark
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	\checkmark
NetCloud OS Updates	\checkmark
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 ${\sf UIs}^2$	✓
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	\checkmark
Speed Test per WAN Interface	✓
Rogue AP Detection	✓
W-Fi Site Survey	✓
OBD-II Support ¹	\checkmark
Dashboard Analytics	
Account Dashboard	✓
Group Dashboard	\checkmark
Device Dashboard	\checkmark
GeoView Dashboard (Account, Group, Device)	\checkmark
Near Real-Time Last Known Map Location	\checkmark
GeoFence Alerting	\checkmark
Modem Data Usage Dashboard (Account)	\checkmark
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting	\checkmark

NetCloud Mobile Essentials	Features
Data Usage Dashboard (Group, Device)	\checkmark
Client Dashboard (Account, Group, Device)	\checkmark
Health Dashboard (Account, Group, Device)	✓
WAN Uptime (uncategorized)	\checkmark
Devices Lifecycle (shows where software update is required)	\checkmark
License Dashboard (Device)	\checkmark
Subscription Dashboard (Account)	\checkmark
Insights	
Network Insights	
Data Usage Report	√
Health Insights	
Signal Strength Report	√
Download Dashboard as CSV or PDF (dashboard dependent)	√
Alerts & Logs	
Alert Management	\checkmark
Enhanced Logging (user, activity, debug, device, alert)	\checkmark
Extensibility & Integrations	
Custom business applications running at the edge with NetCloud SDK ²	\checkmark
NetCloud API	√
NetCloud-delivered integrations (Mobile/Telematics, Network/Security)	\checkmark
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	\checkmark
Mobile Apps	
Cradlepoint Verify (installation)	\checkmark
NetCloud Mobile (management)	\checkmark
Optional Software	
Zscaler Internet Security	Optional and Sold Separate

¹ IBR900/1700 requires ODB-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

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

NetCloud IoT Essentials	Features
WAN	
Connection Manager	\checkmark
LTE	\checkmark
WiFi-as-WAN	\checkmark
Wireless Client ²	\checkmark
Smart WAN Selection	\checkmark
Quality of Service (QoS)	\checkmark
Traffic Steering	\checkmark
Enterprise Routing	
Static Routes	\checkmark
Policy Routes ¹	\checkmark
OSPF ¹	\checkmark
BGP ¹	\checkmark
RIP ¹	\checkmark
NHRP ¹	\checkmark
NEMO / DMNR	\checkmark
IP Verify	\checkmark
VPN & Tunneling	
IPSec	\checkmark
GRE	\checkmark
Auto VPN	\checkmark
Security	
Zone Firewall	\checkmark
Basic URL Web filtering (White/Black list)	\checkmark
NetCloud Perimeter	\checkmark
LAN	
IPv4 & IPv6	\checkmark
DHCP Server / Relay	\checkmark
IP Passthrough Mode	\checkmark
Wi-Fi	
Multiple SSIDs	\checkmark
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	\checkmark
Restore to Factory Defaults	\checkmark
Export Device List	\checkmark
Group Device Configuration	✓
View / Edit Group Configuration	\checkmark
Export Group Device List	\checkmark
Group NetCloud OS Updates	\checkmark
Copy Configuration to Group	\checkmark
WAN Network Interface Configuration	\checkmark
View/Edit Network Interface Configuration	\checkmark
Export Network Interface List	\checkmark
Modem Configuration	\checkmark
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	\checkmark
Current Network Interface Status via NetCloud Device Dashboard	\checkmark
Ping	\checkmark
Traceroute	\checkmark
Speed Test per WAN Interface	\checkmark
Rogue AP Detection	\checkmark
Wi-Fi Site Survey	\checkmark
Dashboard Analytics	
Account Dashboard	\checkmark
Group Dashboard	\checkmark
Device Dashboard	\checkmark
Data Usage Dashboard (Group, Device)	\checkmark
Health Dashboard (Account, Group, Device)	\checkmark
Devices Lifecycle (shows where software update is required)	\checkmark
License Dashboard (Device)	√
Subscription Dashboard (Account)	\checkmark
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)	\checkmark
Extensibility & Integrations	
Custom business applications running at the edge with NetCloud SDK	✓
NetCloud API	\checkmark
NetCloud-delivered integrations (Network/Security))	\checkmark
Accounts & Users	
Manage Users	✓
Manage Permissions	\checkmark
Identity Federation with SAML 2.0 (Active Directory Integration)	\checkmark
Marketplace for in-app purchases	\checkmark
Customer/Partner community access, depending on user type	\checkmark
Mobile Apps	
Cradlepoint Verify (installation)	\checkmark
NetCloud Mobile (management)	\checkmark
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.	