



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	✓

NetCloud IoT Essentials	Features
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 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	

NetCloud IoT Essentials	Features
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 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.	