



# NetCloud IoT Service Plan Features

The NetCloud IoT 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
<b>VPN &amp; Tunneling</b>	
OpenVPN (SSL VPN) <sup>1</sup>	✓
L2TP <sup>1</sup>	✓
Auto-Tunnels <sup>2</sup>	✓
DMVPN <sup>1</sup>	✓
<b>Security</b>	
Zscaler Internet Security <sup>1</sup>	Optional and Sold Separately
<b>LAN</b>	
VRRP <sup>1</sup>	✓
STP <sup>1</sup>	✓
<b>Remote Connect / Out-of-Band Management</b>	
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)	✓
<b>Real-Time Diagnostics / Troubleshooting</b>	
Expanded Real-Time Device Status via Remote Connect Local UI	✓
Expanded Real-time Network Interface Status via Remote Connect Local UI	✓
<b>Visibility / Analytics</b>	
GeoView Dashboard (Account, Group, Device)	✓
Near Real-Time Last Known Map Location	✓
GeoFence Alerting	✓
Health Dashboard (Account, Group, Device)	✓
WAN Uptime	✓
Cellular Health	✓
Failover Events	✓
Security Dashboard (Account, Device)	✓
Default Password usage insight	✓
Client Dashboard (Account, Group, Device)	✓
Modem Data Usage Dashboard (Account)	✓
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting	✓
<b>IoT Connectors</b>	
NetCloud Edge Connector for Microsoft Azure IoT Central	✓

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

NetCloud IoT Essentials	Features
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 <sup>1</sup>	✓
Scheduler	✓
NetCloud OS Updates	✓
<b>Real-Time Diagnostics / Troubleshooting</b>	
Real-Time Device Status vis NetCloud Device Dashboard	✓
Real-Time Network Interface Status via NetCloud Device Dashboard	✓
Ping	✓
Traceroute	✓
Speed Test per WAN Interface	✓
Rogue AP Detection	✓
WiFi Site Survey	✓
<b>Visibility / Analytics</b>	
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)	✓
<b>Alerts / Reports / Logs</b>	
Alert Management	✓
Network, Group, Device Reporting	✓
Activity Audit Log	✓
Device Log	✓
Debug Diagnostic Data Log	✓
User Activity Log	✓
<b>Extensibility</b>	
Custom business applications running at the edge with NCOS SDK	✓
NetCloud API	✓

NetCloud IoT Essentials	Features
<b>Accounts &amp; Users</b>	
Manage Users	✓
Manage Permissions	✓
Identity Federation with SAML 2.0 (Active Directory Integration)	✓
Single Sign On (SSO) to all Cradlepoint Services	✓
Marketplace for in-app purchases	✓
<b>Mobile Apps</b>	
Cradlepoint Verify (installation)	✓
NetCloud Mobile (management)	✓
<sup>1</sup> Not available on IBR200	
<sup>2</sup> Only available on the IBR600C	