



# 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
<b>WAN</b>	
Application Aware QoS	✓
Application Aware Traffic Steering	✓
<b>Security</b>	
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
<b>Remote Connect / Out-of-Band Management</b>	
LAN Manager for clientless access to LAN connected PC/MAC devices (RDP/VNC)	✓
<b>Visibility / Analytics</b>	
GeoView Dashboard (Account, Group, Device)	✓
Location Tracking	✓
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	✓
<b>IoT Connectors</b>	
NetCloud Edge Connector for Microsoft Azure IoT Central	✓

NetCloud Mobile Essentials	Features
<b>WAN</b>	
Connection Manager	✓
LTE	✓
Private LTE <sup>3</sup>	✓
WiFi-as-WAN / Client	✓
Smart WAN Selection	✓
Quality of Service (QoS)	✓
Traffic Steering	✓
<b>Enterprise Routing</b>	
Static Routes	✓
Policy Routes	✓
OSPF	✓
BGP	✓
RIP	✓
NHRP	✓
NEMO / DMNR	✓
IP Verify	✓

NetCloud Mobile Essentials	Features
<b>VPN &amp; Tunneling</b>	
IPSec	✓
GRE	✓
OpenVPN (SSL VPN)	✓
L2TP	✓
Auto VPN	✓
Auto-Tunnels	✓
DMVPN	✓
<b>Security</b>	
Zone Firewall	✓
Basic URL Web filtering (White/Black list)	✓
NetCloud Perimeter	✓
<b>LAN</b>	
IPv4 & IPv6	✓
DHCP Server / Relay	✓
VRRP	✓
MAC Filtering and Logging	✓
IP Passthrough Mode	✓
Wired 802.1x	✓
STP	✓
LLDP	✓
<b>WiFi</b>	
Multiple SSIDs	✓
Wireless Security Modes	✓
Open	✓
WEP	✓
WPA / WPA2 Personal	✓
WPA / WPA2 Enterprise (802.1x)	✓
Smart Channel Selection	✓
HotSpot Services (Captive Portal)	✓
<b>Remote Connect / Out-of-Band Management</b>	
Securely connect to device UI in any network architecture <sup>2</sup>	✓
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 <sup>2</sup>	✓
<b>Secure Remote Cloud Configuration</b>	
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	✓

NetCloud Mobile Essentials		Features
Scheduler		✓
NetCloud OS Updates		✓
<b>Real-Time Diagnostics / Troubleshooting</b>		
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		✓
WiFi Site Survey		✓
OBD-II Support <sup>1</sup>		✓
<b>Visibility / Analytics</b>		
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)		✓
Client Dashboard (Account, Group, Device)		✓
Health Dashboard (Account, Group, Device)		✓
WAN Uptime		✓
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 <sup>2</sup>		✓
NetCloud API		✓
<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		✓
<sup>1</sup> IBR900/1700 requires ODB-II adapter to function. IBR900 requires extensibility serial cable in addition to the OBD-II adapter.		
<sup>2</sup> Not available on the IBR900 FIPS and IBR1700 FIPS		
<sup>3</sup> Only on IBR1700-1200M-B or IBR900 w/ dock and MC400-1200M-B		