



# 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	✓
<b>Troubleshooting &amp; Diagnostics</b>	
In-band management for clientless access to LAN connected PC/MAC devices (RDP/VNC)	✓
<b>Dashboard Analytics</b>	
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	✓
<b>Insights</b>	
Account Insights	
Failover Report	✓
<b>Extensibility &amp; Integrations</b>	
NetCloud Container Orchestrator <sup>4</sup>	✓
NetCloud-delivered integrations (Cloud/IoT)	
NetCloud Edge Connector for AWS IoT Greengrass <sup>4</sup>	✓
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	✓
<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>Wi-Fi</b>	
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)		✓
<b>Secure Remote Management &amp; Orchestration</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		✓
Scheduler		✓
NetCloud OS Updates		✓
<b>Troubleshooting &amp; Diagnostics</b>		
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 <sup>2</sup>		✓
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 <sup>1</sup>		✓
<b>Dashboard 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		✓

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)		✓
<b>Insights</b>		
Network Insights		
Data Usage Report		✓
Health Insights		
Signal Strength Report		✓
Download Dashboard as CSV or PDF (dashboard dependent)		✓
<b>Alerts &amp; Logs</b>		
Alert Management		✓
Enhanced Logging (user, activity, debug, device, alert)		✓
<b>Extensibility &amp; Integrations</b>		
Custom business applications running at the edge with NetCloud SDK <sup>2</sup>		✓
NetCloud API		✓
NetCloud-delivered integrations (Mobile/Telematics, Network/Security)		✓
GPS send-to-server/ (5 different sentences)		✓
<b>Accounts &amp; Users</b>		
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		✓
<b>Mobile Apps</b>		
Cradlepoint Verify (installation)		✓
NetCloud Mobile (management)		✓
<b>Optional Software</b>		
Zscaler Internet Security		Optional and Sold Separately

<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	
<sup>4</sup> Only on IBR1700	