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	✓
Application Aware Traffic Steering	✓
Security	
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
Remote Connect	
LAN Manager for clientless access to LAN connected PC/MAC devices (RDP/VNC)	✓
Visibility / Analytics	
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	✓
CP Secure Threat Management (IDS/IPS) Events	✓
Default Password usage insight	✓
IoT Connectors	
NetCloud Edge Connector for Microsoft Azure IoT Central	✓

NetCloud Mobile Essentials	Features
WAN	
Connection Manager	✓
LTE	✓
Private LTE[3]	✓
WiFi-as-WAN / Client	✓
Smart WAN Selection	✓

NetCloud Mobile Essentials	Features
Quality of Service (QoS)	✓
Traffic Steering	✓
Enterprise Routing	
Static Routes	✓
Policy Routes	✓
OSPF	✓
BGP	✓
RIP	✓
NHRP	✓
NEMO / DMNR	✓
IP Verify	✓
VPN & Tunneling	
IPSec	✓
GRE	✓
OpenVPN (SSL VPN)	✓
L2TP	✓
Auto VPN	✓
Auto-Tunnels	✓
DMVPN	✓
Security	
Zone Firewall	✓
Basic URL Web filtering (White/Black list)	✓
NetCloud Perimeter	✓
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)	✓
Smart Channel Selection	✓
HotSpot Services (Captive Portal)	✓
Remote Connect / Out-of-Band Management	
Securely connect to device UI in any network architecture [2]	✓

NetCloud Mobile Essentials	Features
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 [2]	✓
Secure Remote Cloud Configuration	
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	✓
Real-Time Diagnostics / Troubleshooting	
Real-Time Device Status vis NetCloud Device Dashboard	✓
Expanded Real-Time Device Status via Remote Connect Local UI	✓
Real-Time Network Interface Status via NetCloud Device Dashboard	✓
Expanded Real-time Network Interface Status via Remote Connect Local UI	✓
Ping	✓
Traceroute	✓
Speed Test per WAN Interface	✓
Rogue AP Detection	✓
WiFi Site Survey	✓
OBD-II Support [1]	✓
Visibility / Analytics	
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)	✓

NetCloud Mobile Essentials	Features
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)	✓
Alerts / Reports / Logs	
Alert Management	✓
Network, Group, Device Reporting	✓
Activity Audit Log	✓
Device Log	✓
Debug Diagnostic Data Log	✓
User Activity Log	✓
Extensibility	
Custom business applications running at the edge with NCOS SDK[2]	✓
NetCloud API	✓
Accounts & Users	
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	✓
Mobile Apps	
Cradlepoint Verify (installation)	✓
NetCloud Mobile (management)	✓
[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	