



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 Add-On 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 Web Filter	✓
Web Classification and Catergorization	✓
Web Reputation	✓
CP Secure Threat Management (IPS/IDS)	✓
Zscaler Internet Security	Optional and Sold Separately
Visibility / Analytics	
Cellular Health	✓
Application Traffic Analytics	✓
GeoView Location Services	
Location Tracking	✓

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

NetCloud Mobile Essentials		Features
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 ¹		
Wired 802.1x		
STP		
LLDP		
WiFi		
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		✓
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		✓

NetCloud Mobile Essentials	Features
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	
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 ¹	✓
Visibility / Analytics	
Network Dashboard	✓
Group Dashboard	✓
Device Dashboard	✓
Device License Information	✓
Subscription Dashboard	✓
Health Dashboard	✓
WAN Uptime Analytics	✓
LAN Client Dashboard	✓
WAN Data Usage	✓
Modem Data Usage Analytics	✓
Pooled Carrier Data Usage Analytics and Forecasting	✓
GeoView Location Services	
Device Map Location with quick view status	✓
Geo-Fence Alerting for physical security	✓

NetCloud Mobile Essentials		Features
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		✓
¹ IBR900/1700 requires OBD-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		