



# 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>Enterprise Routing</b>  |          |
| Application Aware Traffic Steering   | ✓        |
| <b>LAN</b>   |          |
| Application Aware QoS  | ✓        |
| <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>3</sup>                                       | ✓        |
| NetCloud-delivered integrations (Cloud/IoT)  |          |
| NetCloud Edge Connector for AWS IoT Greengrass <sup>3</sup>                        | ✓        |
| NetCloud Edge Connector for Microsoft Azure IoT Central                            | ✓        |

| NetCloud Mobile Essentials                 |  | Features |
|--|--|----------|
| <b>WAN</b>                                 |  |          |
| Connection Manager                         |  |          |
| Load Balancing                             |  | ✓        |
| Smart WAN Selection                        |  | ✓        |
| Advanced APN                               |  | ✓        |
| WAN Verify                                 |  | ✓        |
| Failover/Failback                          |  | ✓        |
| WAN Connections                            |  | ✓        |
| 5G   |  | ✓        |
| LTE  |  | ✓        |
| Private Cellular Network <sup>1</sup>      |  | ✓        |
| WiFi-as-WAN / Client                       |  | ✓        |
| Wired Ethernet                             |  | ✓        |
| <b>Enterprise Routing</b>                  |  |          |
| Static Routes                              |  | ✓        |
| Policy Routes                              |  | ✓        |
| Traffic Steering                           |  | ✓        |
| OSPF                                       |  | ✓        |
| BGP  |  | ✓        |
| RIP  |  | ✓        |
| NHRP                                       |  | ✓        |
| NEMO / DMNR                                |  | ✓        |
| IP Verify                                  |  | ✓        |
| <b>LAN</b>                                 |  |          |
| IPv4 & IPv6                                |  | ✓        |
| Quality of Service (QoS)                   |  | ✓        |
| 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)             |  | ✓        |
| Smart Channel Selection                    |  | ✓        |
| HotSpot Services (Captive Portal)          |  | ✓        |
| <b>Security</b>                            |  |          |
| Zone Firewall                              |  | ✓        |
| Basic URL Web filtering (White/Black list) |  | ✓        |
| NetCloud Perimeter                         |  | ✓        |

| NetCloud Mobile Essentials   |  | Features |
|--|--|----------|
| <b>VPN &amp; Tunneling</b>   |  |          |
| IPSec  |  | ✓        |
| GRE  |  | ✓        |
| OpenVPN (SSL VPN)  |  | ✓        |
| L2TP   |  | ✓        |
| Auto VPN   |  | ✓        |
| Auto-Tunnels   |  | ✓        |
| DMVPN  |  | ✓        |
| PMIP   |  | ✓        |
| <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            |  | ✓        |
| 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>2</sup>  |  | ✓        |

| NetCloud Mobile Essentials  | Features                     |
|---|------------------------------|
| <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        | ✓                            |
| 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)                | ✓                            |
| Save Custom Reports   | ✓                            |
| <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    | ✓                            |
| NetCloud API  | ✓                            |
| NetCloud-delivered integrations (Mobile/Telematics, Network/Security) | ✓                            |
| NetCloud Edge Connector for Palo Alto Networks Prisma Access          | ✓                            |
| 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> Only on IBR1700-1200M-B or IBR900 w/ dock and MC400-1200M-B

<sup>2</sup> IBR900/1700 requires OBD-II adapter to function. IBR900 requires extensibility serial cable in addition to the OBD-II adapter.

<sup>3</sup> Only on IBR1700