



NetCloud Service Plan Features

	NetCloud Mobile Performance	NetCloud Mobile	
NetCloud Feature	R1900	IBR900	IBR1700
WAN			
Connection Manager			
Load Balancing	✓	✓	✓
Smart WAN Selection	✓	✓	✓
Advanced APN	✓	✓	✓
WAN Verify	✓	✓	✓
Failover/Failback	✓	✓	✓
WAN Connections			
5G	✓	✓ ²	✓ ²
LTE	✓	✓	✓
Private Cellular Network	✓	✗	✓ ¹
WiFi-as-WAN / Client	✓	✓	✓
Wired Ethernet	✓	✓	✓
Enterprise Routing			
Static Routes	✓	✓	✓
Policy Routes	✓	✓	✓
Traffic Steering	✓	✓	✓
Application Aware Traffic Steering	Advanced	Advanced	Advanced
OSPF	✓	✓	✓
BGP	✓	✓	✓
RIP	✓	✓	✓
NHRP	✓	✓	✓
NEMO / DMNR	✓	✓	✓
Open EIGRP	✗	✗	✗



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IP Verify	✓	✓	✓
LAN			
IPv4 & IPv6	✓	✓	✓
Quality of Service (QoS)	✓	✓	✓
Application Aware QoS	Advanced	Advanced	Advanced
DHCP Server / Relay	✓	✓	✓
VRRP	✓	✓	✓
MAC Filtering and Logging	✓	✓	✓
IP Passthrough Mode	✓	✓	✓
Wired 802.1x	✓	✓	✓
STP	✓	✓	✓
LLDP	✓	✓	✓
VLANS	✓	✓	✓
Wi-Fi			
Multiple SSIDs	✓	✓	✓
Wireless Security Modes			
Open	✓	✓	✓
WEP	✓	✓	✓
WPA / WPA2 Personal	✓	✓	✓
WPA / WPA2 Enterprise (802.1x)	✓	✓	✓
WPA / WPA2/WPA3 Personal and Enterprise (802.1x)	✓	✓	✓
Smart Channel Selection	✓	✓	✓
HotSpot Services (Captive Portal)	✓	✓	✓



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Security			
Zone Firewall	✓	✓	✓
Basic URL Web filtering (White/Black list)	✓	✓	✓
Application Aware Zone Firewall	Advanced	Advanced	Advanced
CP Secure Threat Management (IPS/IDS)	Advanced	Advanced	Advanced
Actionable Alert on Threat Detection	Advanced	Advanced	Advanced
CP Secure Web Filter	Advanced	Advanced	Advanced
Web Classification and Categorization	Advanced	Advanced	Advanced
Web Reputation	Advanced	Advanced	Advanced
VPN & Tunneling			
IPSec	✓	✓	✓
GRE	✓	✓	✓
OpenVPN (SSL VPN)	✓	✓	✓
L2TP	✓	✓	✓
Auto VPN	✓	✓	✓
VPN Monitor	✓	✓	✓
Auto-Tunnels	✓	✓	✓
DMVPN	✓	✓	✓
PMIP	✓	✓	✓
Troubleshooting & Diagnostics			
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	✓	✓	✓
In-band management for clientless access to LAN connected PC/MAC devices (RDP/VNC)	Advanced	Advanced	Advanced
Real-time Device Status via Remote Connect Local UI (router)	✓	✓	✓
Real-time Network Interface Status via Remote Connect Local UI (router)	✓	✓	✓
Current Device Status via NetCloud Device Dashboard	✓	✓	✓
Current Network Interface Status via NetCloud Device Dashboard	✓	✓	✓
Ping	✓	✓	✓



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Traceroute	✓	✓	✓
Global Speed Test per WAN Interface	✓	✓	✓
Rogue AP Detection	✓	✓	✓
Wi-Fi Site Survey	✓	✓	✓
GPIO (General Purpose Input/Outputs)	✓	✓	✓
Ignition Sensing with Delayed Power Off	✓	✓	✓
OBD-II Support	✓ ⁴	✓ ⁴	✓ ⁴
Dashboard Analytics			
Account Dashboard	✓	✓	✓
Group Dashboard	✓	✓	✓
Device Dashboard	✓	✓	✓
Detailed Interface (Port and Network) view with Live Stats	✓	✓	✓
GeoView Dashboard (Account, Group, Device)	✓	✓	✓
Near Real-Time Last Known Map Location	✓	✓	✓
GeoFence Alerting	✓	✓	✓
5G/LTE Cellular Coverage Map with filter	Advanced	Advanced	Advanced
Location Tracking	Advanced	Advanced	Advanced
Cellular Data Usage Dashboard (Account)	✓	✓	✓
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting	✓	✓	✓
Data Usage Dashboard (Account, Group, Device)			
Usage by WAN and Modem	✓	✓	✓
Clients - Connected and Top Users (Account, Group, Device)	✓	✓	✓
Traffic - Categories and Applications (Account, Group, Device)	Advanced	Advanced	Advanced
Health Dashboard (Account, Group, Device)	✓	✓	✓
WAN Uptime (uncategorized)	✓	✓	✓
Devices Lifecycle (shows where software update is required)	✓	✓	✓
Cellular Health with Live Stats	Advanced	Advanced	Advanced
WAN Uptime (categorized by WAN service type)	Advanced	Advanced	Advanced
Application and Interface WAN Quality of Experience (QoE)	Advanced	Advanced	Advanced
Traffic Steering for Events & Flows	Advanced	Advanced	Advanced
Failover Events Summary	Advanced	Advanced	Advanced
Active Failover Events	Advanced	Advanced	Advanced
License Dashboard (Device)	✓	✓	✓
Subscription Dashboard (Account)	✓	✓	✓



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Licensed Devices (shows active Essentials Plans licenses and availability to use Advanced Add-On)	✓	✓	✓
Non-Compliant Devices	✓	✓	✓
Unlicensed Devices	✓	✓	✓
Subscriptions (includes total budgetary renewal cost for proactive budgeting)	✓	✓	✓
Capacity Dashboard (with alerts)	✗	✗	✗
Security Dashboard (Account, Device)	Advanced	Advanced	Advanced
CP Secure Web Filter Summary and Events	Advanced	Advanced	Advanced
CP Secure Threat Management (IDS/IPS) Events	Advanced	Advanced	Advanced
Default Password usage insights	Advanced	Advanced	Advanced
Insights			
Account Insights: Failover Report (Account, Group)	Advanced	Advanced	Advanced
Network Insights: Data Usage Report	✓	✓	✓
Health Insights: Signal Strength Report	✓	✓	✓
Download Dashboard as CSV or PDF (dashboard dependent)	✓	✓	✓
Save and Schedule Custom Reports	✓	✓	✓
Extensibility & Integrations			
NetCloud Container Orchestrator	Advanced	Advanced	Advanced
NetCloud-delivered integrations			
AWS IoT Greengrass	Advanced	Advanced	Advanced
Microsoft Azure IoT Central	Advanced	Advanced	Advanced
Palo Alto Networks Prisma Access	✓	✓	✓
CloudShark	✓	✓	✓
Forward Thinking ⁴	✓	✓	✓
Custom business applications running at the edge with NetCloud SDK	✓	✓	✓
NetCloud API	✓	✓	✓
GPS send-to-server/ (5 different sentences)	✓	✓	✓
Secure Cloud Management & Orchestration			
Individual Device Configuration			
View / Edit Device Configuration	✓	✓	✓
Clear Device Configuration	✓	✓	✓
Remote Reboot	✓	✓	✓
Restore to Factory Defaults	✓	✓	✓



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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	✓	✓	✓
Alerts & Logs			
Alert Management	✓	✓	✓
Alerts via Webhook	✓	✓	✓
Enhanced Logging (user, activity, debug, device, alert)	✓	✓	✓
Accounts & Users			
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	✓	✓	✓
Mobile Apps			
Cradlepoint Verify (installation)	✓	✓	✓
NetCloud Mobile (management)	✓	✓	✓
Additional Services: Zscaler Internet Security	Optional	Optional	Optional



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Footnotes: ¹ Embedded or modular 1200M-B, C18B, and C7C modem is required. ² Requires Captive Modem ³ OBD-II adapter is required. IBR900 requires extensibility serial cable in addition to the OBD-II adapter. ⁴ Only available on NetCloud US West Region	1,3	1,3	1,3