



# NetCloud Service Plan Features

	NetCloud IoT & Ruggedized IoT			
NetCloud Feature	IBR200	R500-PTLE	IBR600C	IBR900
<b>WAN</b>				
Connection Manager				
Load Balancing	✓	✓	✓	✓
Smart WAN Selection	✓	✓	✓	✓
Advanced APN	✓	✓	✓	✓
WAN Verify	✓	✓	✓	✓
Failover/Failback	✓	✓	✓	✓
WAN Connections				
5G	✗	✗	✗	✓ <sup>2</sup>
LTE	✓	✓	✓	✓
Private Cellular Network	✗	✓	✗	✗
WiFi-as-WAN / Client	✓	✓	✓	✓
Wired Ethernet	✓	✓	✓	✓
<b>Enterprise Routing</b>				
Static Routes	✓	✓	✓	✓
Policy Routes	✗	✓	✓	✓
Traffic Steering	✓	✓	✓	✓
Application Aware Traffic Steering	✗	✗	✗	✗
OSPF	✗	✓	✓	✓
BGP	✗	✓	✓	✓
RIP	✗	✓	✓	✓
NHRP	✗	✓	✓	✓
NEMO / DMNR	✓	✗	✓	✓
Open EIGRP	✗	✗	✗	✗
IP Verify	✓	✓	✓	✓
<b>LAN</b>				



# NetCloud Service Plan Features

	NetCloud IoT & Ruggedized IoT			
NetCloud Feature	IBR200	R500-PTLE	IBR600C	IBR900
IPv4 & IPv6	✓	✓	✓	✓
Quality of Service (QoS)	✓	✓	✓	✓
Application Aware QoS	✗	✗	✗	✗
DHCP Server / Relay	✓	✓	✓	✓
VRRP	✗	Advanced	Advanced	Advanced
MAC Filtering and Logging	✗	✗	✗	✗
IP Passthrough Mode	✓	✓	✓	✓
Wired 802.1x	✗	✗	✗	✗
STP	✗	Advanced	Advanced	Advanced
LLDP	✗	✗	✗	✗
VLANS	✓	✓	✓	✓
<b>Wi-Fi</b>				
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)	✓	✓	✓	✓
<b>Security</b>				
Zone Firewall	✓	✓	✓	✓
Basic URL Web filtering (White/Black list)	✓	✓	✓	✓
Application Aware Zone Firewall	✗	✗	✗	✗
CP Secure Threat Management (IPS/IDS)	✗	✗	✗	✗



# NetCloud Service Plan Features

	NetCloud IoT & Ruggedized IoT			
NetCloud Feature	IBR200	R500-PTLE	IBR600C	IBR900
Actionable Alert on Threat Detection	x	x	x	x
CP Secure Web Filter	x	x	x	x
Web Classification and Categorization	x	x	x	x
Web Reputation	x	x	x	x
<b>VPN &amp; Tunneling</b>				
IPSec	✓	✓	✓	✓
GRE	✓	✓	✓	✓
OpenVPN (SSL VPN )	x	✓	✓	✓
L2TP	x	Advanced	Advanced	Advanced
Auto VPN	✓	✓	✓	✓
VPN Monitor	✓	✓	✓	✓
Auto-Tunnels	x	x	Advanced	x
DMVPN	x	Advanced	Advanced	Advanced
PMIP	Advanced	Advanced	Advanced	Advanced
<b>Troubleshooting &amp; Diagnostics</b>				
Out-of-Band Management for access to non-Cradlepoint devices with console port	Advanced	Advanced	Advanced	Advanced
In-band management for access to LAN connected 3rd party device UIs	Advanced	Advanced	Advanced	Advanced
In-band management for clientless access to LAN connected PC/MAC devices (RDP/VNC)	Advanced	Advanced	Advanced	Advanced
Real-time Device Status via Remote Connect Local UI (router)	Advanced	Advanced	Advanced	Advanced
Real-time Network Interface Status via Remote Connect Local UI (router)	Advanced	Advanced	Advanced	Advanced
Current Device Status via NetCloud Device Dashboard	✓	✓	✓	✓
Current Network Interface Status via NetCloud Device Dashboard	✓	✓	✓	✓
Ping	✓	✓	✓	✓
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	x	x	x	x
OBD-II Support	x	x	x	x



# NetCloud Service Plan Features

	NetCloud IoT & Ruggedized IoT			
NetCloud Feature	IBR200	R500-PTLE	IBR600C	IBR900
<b>Dashboard Analytics</b>				
Account Dashboard	✓	✓	✓	✓
Group Dashboard	✓	✓	✓	✓
Device Dashboard	✓	✓	✓	✓
Detailed Interface (Port and Network) view with Live Stats	✓	✓	✓	✓
GeoView Dashboard (Account, Group, Device)	Advanced	Advanced	Advanced	Advanced
Near Real-Time Last Known Map Location	Advanced	Advanced	Advanced	Advanced
GeoFence Alerting	Advanced	Advanced	Advanced	Advanced
5G/LTE Cellular Coverage Map with filter	✗	✗	✗	✗
Location Tracking	✗	✗	✗	✗
Cellular Data Usage Dashboard (Account)	Advanced	Advanced	Advanced	Advanced
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting	Advanced	Advanced	Advanced	Advanced
Data Usage Dashboard (Account, Group, Device)				
Usage by WAN and Modem	✓	✓	✓	✓
Clients - Connected and Top Users (Account, Group, Device)	Advanced	Advanced	Advanced	Advanced
Traffic - Categories and Applications (Account, Group, Device)	✗	✗	✗	✗
Health Dashboard (Account, Group, Device)	✓	✓	✓	✓
WAN Uptime (uncategorized)	✗	✗	✗	✗
Devices Lifecycle (shows where software update is required)	✓	✓	✓	✓
Cellular Health with Live Stats	Advanced	Advanced	Advanced	Advanced
WAN Uptime (categorized by WAN service type)	Advanced	Advanced	Advanced	Advanced
Application and Interface WAN Quality of Experience (QoE)	Advanced	Advanced	Advanced	Advanced
Traffic Steering for Events & Flows	✗	✗	✗	✗
Failover Events Summary	Advanced	Advanced	Advanced	Advanced
Active Failover Events	Advanced	Advanced	Advanced	Advanced
License Dashboard (Device)	✓	✓	✓	✓
Subscription Dashboard (Account)	✓	✓	✓	✓
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	Advanced
CP Secure Web Filter Summary and Events	✗	✗	✗	✗



# NetCloud Service Plan Features

	NetCloud IoT & Ruggedized IoT			
NetCloud Feature	IBR200	R500-PTLE	IBR600C	IBR900
CP Secure Threat Management (IDS/IPS) Events	X	X	X	X
Default Password usage insights	Advanced	Advanced	Advanced	Advanced
<b>Insights</b>				
Account Insights: Failover Report (Account, Group)	Advanced	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	✓	✓	✓	✓
<b>Extensibility &amp; Integrations</b>				
NetCloud Container Orchestrator	X	X	X	X
NetCloud-delivered integrations				
AWS IoT Greengrass	X	X	X	X
Microsoft Azure IoT Central	Advanced	Advanced	Advanced	Advanced
Palo Alto Networks Prisma Access	✓	✓	✓	✓
CloudShark	✓	✓	✓	✓
Forward Thinking <sup>4</sup>	✓	✓	✓	✓
Custom business applications running at the edge with NetCloud SDK	✓	✓	✓	✓
NetCloud API	✓	✓	✓	✓
GPS send-to-server/ (5 different sentences)	X	X	X	X
<b>Secure Cloud 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	✓	✓	✓	✓



# NetCloud Service Plan Features

	NetCloud IoT & Ruggedized IoT			
NetCloud Feature	IBR200	R500-PTLE	IBR600C	IBR900
Modem Firmware Updates (one to multiple)	✓	✓	✓	✓
Auto & Manual Modem Carrier Switching	✓	✓	✓	✓
Scheduler				
NetCloud OS Updates	✓	✓	✓	✓
<b>Alerts &amp; Logs</b>				
Alert Management	✓	✓	✓	✓
Alerts via Webhook	✓	✓	✓	✓
Enhanced Logging (user, activity, debug, device, alert)	✓	✓	✓	✓
<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>Additional Services: Zscaler Internet Security</b>		Optional	Optional	Optional
Footnotes: <sup>1</sup> Embedded or modular 1200M-B, C18B, and C7C modem is required. <sup>2</sup> Requires Captive Modem <sup>3</sup> OBD-II adapter is required. IBR900 requires extensibility serial cable in addition to the OBD-II adapter. <sup>4</sup> Only available on NetCloud US West Region				1