



NetCloud Service Plan Features

	NetCloud IoT & Ruggedized IoT			
NetCloud Feature	IBR200	R500-PTLE	IBR600C	IBR900
WAN				
Connection Manager				
Load Balancing	✓	✓	✓	✓
Smart WAN Selection	✓	✓	✓	✓
Advanced APN	✓	✓	✓	✓
WAN Verify	✓	✓	✓	✓
Failover/Failback	✓	✓	✓	✓
WAN Connections				
5G	✗	✗	✗	✗
LTE	✓	✓	✓	✓
Private Cellular Network	✗	✓	✗	✗
WiFi-as-WAN	✓	✓	✓	✓
Wireless Client	✗	✓	✓	✓
Wired Ethernet	✗	✓	✓	✓
SD-WAN				
Edge (Single-Sided) Architecture				
Static Traffic Steering (Device or Group)	✓	✓	✓	✓
Application Aware Traffic Steering (Device or Group)	✗	✗	✗	✗
Identifies up to 1000 known applications	✗	✗	✗	✗
Cellular interface steering	✗	✗	✗	✗
Enterprise Routing				
Static Routes	✓	✓	✓	✓
Policy Routes	✗	✓	✓	✓
OSPF	✗	✓	✓	✓
BGP	✗	✓	✓	✓
RIP	✗	✓	✓	✓
NHRP	✗	✓	✓	✓



NetCloud Service Plan Features

	NetCloud IoT & Ruggedized IoT			
NetCloud Feature	IBR200	R500-PTLE	IBR600C	IBR900
NEMO / DMNR	✓	✗	✓	✓
Open EIGRP	✗	✗	✗	✗
IP Verify	✓	✓	✓	✓
LAN				
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	✓	✓	✓	✓
Wi-Fi				
Multiple SSIDs	✓	✓	✓	✓
Wireless Security Modes				
Open	✓	✓	✓	✓
WEP	✓	✓	✓	✓
WPA / WPA2 Personal	✓	✓	✓	✓
WPA / WPA2 Enterprise (802.1x)	Advanced	Advanced	Advanced	Advanced
WPA / WPA2/WPA3 Personal and Enterprise (802.1x)	✗	Advanced	Advanced	Advanced
Smart Channel Selection	✓	✓	✓	✓
HotSpot Services (Captive Portal)	✓	✓	✓	✓
Edge Security				



NetCloud Service Plan Features

	NetCloud IoT & Ruggedized IoT			
NetCloud Feature	IBR200	R500-PTLE	IBR600C	IBR900
Zone Firewall	✓	✓	✓	✓
Basic URL Web Filtering (White/Black list)	✓	✓	✓	✓
DNS Layer Filtering with Cisco Umbrella	✓	✓	✓	✓
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	✗	✗	✗	✗
VPN & Tunneling				
Protocols				
IPSec	✓	✓	✓	✓
GRE	✓	✓	✓	✓
OpenVPN (SSL VPN)	✗	Advanced	Advanced	Advanced
L2TP	✗	Advanced	Advanced	Advanced
PMIP	Advanced	Advanced	Advanced	Advanced
Agile LTE & 5G VPN Orchestration				
Built in orchestration for tunnels	✗	NCX Secure Connect	NCX Secure Connect	NCX Secure Connect
Name-based routing	✗	NCX Secure Connect	NCX Secure Connect	NCX Secure Connect
No default network level access	✗	NCX Secure Connect	NCX Secure Connect	NCX Secure Connect
Private NAT techniques	✗	NCX Secure Connect	NCX Secure Connect	NCX Secure Connect
Flow-level visibility	✗	NCX Secure Connect	NCX Secure Connect	NCX Secure Connect
Edge Orchestration				



NetCloud Service Plan Features

	NetCloud IoT & Ruggedized IoT			
NetCloud Feature	IBR200	R500-PTLE	IBR600C	IBR900
Auto VPN	✓	✓	✓	✓
DMVPN	✗	Advanced	Advanced	Advanced
Auto-Tunnels	✗	Advanced	Advanced	Advanced
Troubleshooting & Diagnostics				
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	✗	✗	✗	✗
OBD-II Support	✗	✗	✗	✗
Dashboard Analytics				
Account Dashboard	✓	✓	✓	✓
Group Dashboard	✓	✓	✓	✓
Device Dashboard	✓	✓	✓	✓
Detailed Interface (Network, Ports, and Wi-Fi) view with Live Stats	✓	✓	✓	✓
Detailed Interface (GPIO) view with Live Stats	✓	✗	✓	✓
GeoView Dashboard (Account, Group, Device)	Advanced	Advanced	Advanced	Advanced
Near Real-Time Last Known Map Location Based on GNSS/GPS	Advanced	Advanced	Advanced	Advanced
Approximate Last Known Map Location Based on Serving Cell Tower	Advanced	Advanced	Advanced	Advanced
Location of Serving Cell Tower	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



NetCloud Service Plan Features

NetCloud Feature	NetCloud IoT & Ruggedized IoT			
	IBR200	R500-PTLE	IBR600C	IBR900
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)	✗	✗	✗	✗
WAN Uptime (categorized by WAN service type)	Advanced	Advanced	Advanced	Advanced
Devices Lifecycle (shows where software update is required)	✓	✓	✓	✓
Cellular Health summary (Account)	Advanced	Advanced	Advanced	Advanced
Cellular Health with Live Stats (Device)	✓	✓	✓	✓
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
Service Gateway (Account)	✗	NCX Secure Connect	NCX Secure Connect	NCX Secure Connect
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)	✓	✓	✓	✓
Product Last Date of Support	✓	✓	✓	✓
Capacity Dashboard (with alerts)	✗	✗	✗	✗
VPN Monitor	✓	✓	✓	✓
Security Dashboard (Account, Device)	Advanced	Advanced	Advanced	Advanced
CP Secure Web Filter Summary and Events	✗	✗	✗	✗
CP Secure Threat Management (IDS/IPS) Events	✗	✗	✗	✗
Default Password usage insights	Advanced	Advanced	Advanced	Advanced

	NetCloud IoT & Ruggedized IoT			
NetCloud Feature	IBR200	R500-PTLE	IBR600C	IBR900
Insights				
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, Schedule, and Share (Email) Custom Reports	✓	✓	✓	✓
Extensibility & Integrations				
NetCloud Container Orchestrator	✗	✗	✗	✗
NetCloud-delivered integrations				
AWS IoT Greengrass	✗	✗	✗	✗
Microsoft Azure IoT Central	Advanced	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	✓	✓	✓	✓
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	✓	✓	✓	✓



NetCloud Service Plan Features

	NetCloud IoT & Ruggedized IoT			
NetCloud Feature	IBR200	R500-PTLE	IBR600C	IBR900
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)	✓	✓	✓	✓
Add-On Licenses:				
Zscaler Internet Security	x	Optional	Optional	Optional
Footnotes: ¹ Embedded or modular 1200M-B, C18B, and C7C modem is required. ² Requires Captive Modem ³ ODB-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