



NetCloud Service Plan Features

NetCloud Feature	NetCloud Branch Adapter					
	CBA550	L950	W1850	W1855	W2005	W4005
Endpoint						
WAN						
Carrier Selection Intelligence	✓	✓	✓	✓	✓	✓
Connection Manager						
Load Balancing	✗	✓	✓	✓	✓	✓
Smart WAN Selection	✗	✓	✓	✓	✓	✓
Advanced APN	✓	✓	✓	✓	✓	✓
WAN Verify	✓	✓	✓	✓	✓	✓
Failover/Failback	✗	✓	✓	✓	✓	✓
WAN Connections						
5G	✗	✗	✓	✓	✓	✓
LTE	✓	✓	✓	✓	✓	✓
CBRS	✗	✓	✓	✓	✓	✓
WiFi-as-WAN	✗	✗	✗	✗	✗	✗
Wireless Client	✗	✗	✗	✗	✗	✗
Wired Ethernet	✗	✓	✓	✓	✓	✓
SD-WAN						
Single-Sided Architecture (Edge only)						
Static Traffic Steering (Device or Group)	✗	✓	✓	✓	✓	✓
Application Aware Traffic Steering (Device or Group)	✗	✗	✗	✗	✗	✗
Identifies up to 1000 known applications	✗	✗	✗	✗	✗	✗
Cellular interface steering	✗	✗	✗	✗	✗	✗
Dual-Ended Architecture (requires NetCloud Exchange Secure Connect)						
Policy-Based Application Traffic Steering (Network)	✗	✗	✗	✗	✗	✗
Identifies up to 3500 known applications	✗	✗	✗	✗	✗	✗
Cellular provider steering	✗	✗	✗	✗	✗	✗
Forward Error Correction (FEC) by Traffic Class	✗	✗	✗	✗	✗	✗



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Enterprise Routing						
Static Routes	✓	✓	✓	✓	✓	✓
Policy Routes	✗	✗	✗	✗	✗	✗
OSPF	✗	✗	✗	✗	✗	✗
BGP	✗	✗	✗	✗	✗	✗
RIP	✗	✗	✗	✗	✗	✗
PIM	✗	✗	✗	✗	✗	✗
Open EIGRP	✗	✗	✗	✗	✗	✗
NHRP	✗	✗	✗	✗	✗	✗
NEMO / DMNR	✗	✗	✗	✗	✗	✗
IP Verify	✗	✗	✗	✗	✗	✗
LAN						
IPv4 & IPv6	✓	✓	✓	✓	✓	✓
Quality of Service (QoS)	✓	✓	✓	✓	✓	✓
Application Aware QoS	✗	✗	✗	✗	✗	✗
DHCP Server / Relay	✓	✓	✓	✓	✓	✓
VRRP	✗	✗	✗	✗	✗	✗
MAC Filtering and Logging	✗	✗	✗	✗	✗	✗
IP Passthrough Mode	✓	✓	✓	✓	✓	✓
Wired 802.1x	✗	✗	✗	✗	✗	✗
STP	✗	✗	✗	✗	✗	✗
LLDP	✗	✗	✗	✗	✗	✗
VLANS	✓	✓	✓	✓	✓	✓
Wi-Fi						
Multiple SSIDs	✗	✗	✗	✗	✗	✗



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Wireless Security Modes						
Open	X	X	X	X	X	X
WEP	X	X	X	X	X	X
WPA / WPA2 Personal	X	X	X	X	X	X
WPA / WPA2 Enterprise (802.1x)	X	X	X	X	X	X
WPA / WPA2/WPA3 Personal and Enterprise (802.1x)	X	X	X	X	X	X
Smart Channel Selection	X	X	X	X	X	X
HotSpot Services (Captive Portal)	X	X	X	X	X	X
Edge Security						
Zone Firewall	✓	✓	✓	✓	✓	✓
Application Aware Zone Firewall	X	X	X	X	X	X
Basic URL Web Filtering (Permitted/Blocked list)	✓	✓	✓	✓	✓	✓
Available DNS Layer Filtering with Cisco Umbrella	✓	✓	✓	✓	✓	✓
CP Secure Threat Management (IPS/IDS)	X	X	X	X	X	X
Actionable Alert on Threat Detection	X	X	X	X	X	X
CP Secure Web Filter	X	X	X	X	X	X
Web Classification and Categorization	X	X	X	X	X	X
Web Reputation	X	X	X	X	X	X
VPN & Tunneling						
Traditional Edge VPN Protocols & Orchestration						
IPSec	X	X	X	X	X	X
GRE	X	X	X	X	X	X
OpenVPN (SSL VPN)	X	X	X	X	X	X
L2TP	X	X	X	X	X	X



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PMIP	x	x	x	x	x	x
DMVPN	x	x	x	x	x	x
Auto-Tunnels	x	x	x	x	x	x
Zero Trust Network						
Built in orchestration for tunnels	x	x	x	x	x	x
Name-based routing	x	x	x	x	x	x
No default network level access	x	x	x	x	x	x
Private NAT techniques	x	x	x	x	x	x
Flow-level visibility	x	x	x	x	x	x
Hybrid Mesh Firewall (HMF) -Early Access	x	x	x	x	x	x
Zero Trust Remote Access (per user licensing)						
Integration with Corporate Identify Provider authentication	x	x	x	x	x	x
User attributes in access policy	x	x	x	x	x	x
Remote access client	x	x	x	x	x	x
Troubleshooting & Diagnostics						
Out-of-Band Management for access to non-Cradlepoint devices with console port	x	Advanced	Advanced	x	x	x
In-band management for access to LAN connected 3rd party device UIs	x	Advanced	Advanced	Advanced	Advanced	Advanced
In-band management for clientless access to LAN connected PC/MAC devices (RDP/VNC)	x	Advanced	Advanced	Advanced	Advanced	Advanced
Real-time Device Status via Remote Connect Local UI (router)	x	Advanced	Advanced	Advanced	Advanced	Advanced
Real-time Network Interface Status via Remote Connect Local UI (router)	x	Advanced	Advanced	Advanced	Advanced	Advanced
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	✗	✗	✗	✗	✗	✗
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	✗	✗	✗	✗	✗	✗
NetCloud Exchange Network Dashboard	✗	✗	✗	✗	✗	✗
Latency, Data Usage, Packet Loss by Site	✗	✗	✗	✗	✗	✗
Fault Detection (by Application, Site, User)	✗	✗	✗	✗	✗	✗
SD-WAN QoE (Account)	✗	✗	✗	✗	✗	✗
Service Gateways (Device, Network)	✗	✗	✗	✗	✗	✗
GeoView Dashboard (Account, Group, Device)	✗	Advanced	Advanced	Advanced	Advanced	Advanced
Near Real-Time Last Known Map Location Based on GNSS/GPS	✗	Advanced	Advanced	Advanced	Advanced	Advanced
Add Last Known Map Location Manually	✗	Advanced	Advanced	Advanced	Advanced	Advanced
Approximate Last Known Map Location Based on Serving Cell Tower	✗	Advanced	Advanced	Advanced	Advanced	Advanced
Location of Serving Cell Tower	✗	Advanced	Advanced	Advanced	Advanced	Advanced
GeoFence Alerting	✗	Advanced	Advanced	Advanced	Advanced	Advanced
5G/LTE Cellular Coverage Map with filter	✗	✗	✗	✗	✗	✗
Location Tracking	✗	✗	✗	✗	✗	✗
Cellular Data Usage Dashboard (Account)	✗	Advanced	Advanced	Advanced	Advanced	Advanced
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting	✗	Advanced	Advanced	Advanced	Advanced	Advanced
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)	✗	✗	✗	✗	✗	✗
Health Dashboard (Account, Group, Device)	✓	✓	✓	✓	✓	✓
WAN Uptime (uncategorized)	✗	✗	✗	✗	✗	✗



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WAN Uptime (categorized by WAN service type)	X	Advanced	Advanced	Advanced	Advanced	Advanced
Devices Lifecycle (shows where software update is required)	✓	✓	✓	✓	✓	✓
Cellular Health summary (Account)	X	Advanced	Advanced	Advanced	Advanced	Advanced
Cellular Health with Live Stats (Device)	X	✓	✓	✓	✓	✓
Application and Interface WAN Quality of Experience (QoE)	X	X	X	X	X	X
Traffic Steering for Events & Flows	X	X	X	X	X	X
Failover Events Summary	X	Advanced	Advanced	Advanced	Advanced	Advanced
Active Failover Events	X	Advanced	Advanced	Advanced	Advanced	Advanced
Service Gateway (Account)	X	X	X	X	X	X
License Dashboard (Device)	✓	✓	✓	✓	✓	✓
Subscription Dashboard (Account)	✓	✓	✓	✓	✓	✓
Licensed Devices (allows Change License capability and shows active Essentials Plans licenses and available 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)	X	X	X	X	X	X
VPN Monitor	X	X	X	X	X	X
Security Dashboard (Account, Device)	X	Advanced	Advanced	Advanced	Advanced	Advanced
CP Secure Web Filter Summary and Events	X	X	X	X	X	X
CP Secure Threat Management (IDS/IPS) Events	X	X	X	X	X	X
Default Password usage insights	X	Advanced	Advanced	Advanced	Advanced	Advanced
Insights						
Account Insights: Failover Report (Account, Group)	X	Advanced	Advanced	Advanced	Advanced	Advanced
Account Insights: NetCloud Summary Report (Account, Group)	X	Advanced	Advanced	Advanced	Advanced	Advanced
Network Insights: Data Usage Report	✓	✓	✓	✓	✓	✓
Health Insights: Signal Strength Report	✓	✓	✓	✓	✓	✓



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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	✗	✗	✗	✗	✗	✗
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						
1 default sentence	✗	✗	✗	✗	✗	✗
5 configurable 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	✓	✓	✓	✓	✓	✓
Alerts & Logs						



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Endpoint						
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)	✓	✓	✓	✓	✓	✓
Footnotes: ² Requires Captive Modem or managed accessory 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						