NetCloud IoT Service Plan Features

The NetCloud IoT Service is available with the following recommended Advanced and Essentials features.

Recommended NetCloud IoT Advanced	Features
VPN & Tunneling	
OpenVPN (SSL VPN)[1]	✓
L2TP[1]	✓
Auto-Tunnels[3]	✓
DMVPN[1]	✓
Security	
Zscaler Internet Security[1]	Optional and Sold Separately
LAN	
VRRP[1]	✓
STP[1]	✓
Remote Connect / Out-of-Band Management	
Securely connect to device UI in any network architecture	✓
Securely connect to device CLI in any network architecture	✓
Out-of-Band Management for Access to non-Cradlepoint devices with console port	✓
LAN Manager for Access to LAN connected 3rd Party Device UIs	✓
Real-Time Diagnostics / Troubleshooting	
Advanced Real-Time Device Status	✓
Advanced Network Interface Status	✓
Visibility / Analytics	
Health Dashboard	✓
WAN Uptime Analytics	✓
Cellular Health	✓
LAN Client Dashboard	✓
Modem Data Usage Analytics	✓
Pooled Carrier Data Usage Analytics and Forecasting	✓
GeoView Location Services	
Device Map Location with quick view status[2]	✓
Geo-Fence Alerting for physical security[2]	✓
NetCloud IoT Essentials	**Features**
WAN	
Connection Manager	✓
LTE	✓
WiFi-as-WAN	✓
Wireless Client[3]	✓
Smart WAN Selection	✓
Quality of Service (QoS)	✓

NetCloud IoT Essentials	Features
Traffic Steering	✓
Enterprise Routing	
Static Routes	✓
Policy Routes[1]	✓
OSPF[1]	✓
BGP[1]	✓
RIP[1]	✓
NHRP[1]	✓
NEMO / DMNR	✓
IP Verify	✓
VPN & Tunneling	
IPSec	✓
GRE	✓
Auto VPN	✓
Security	
Zone Firewall	✓
Basic URL Web filtering (White/Black list)	✓
NetCloud Perimeter	✓
LAN	
IPv4 & IPv6	✓
DHCP Server / Relay	✓
LLDP	
WiFi	
Multiple SSIDs	✓
Wireless Security Modes	✓
Open	✓
WEP	✓
WPA / WPA2 Personal	✓
WPA / WPA2 Enterprise (802.1x)	✓
Smart Channel Selection	✓
HotSpot Services (Captive Portal)[1]	✓
Secure Remote Cloud Configuration	
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	✓

NetCloud IoT Essentials	Features
Export Network Interface List	✓
Modem Configuration	✓
Modem Firmware Visibility & Management	✓
Modem Firmware Updates (one to multiple)	✓
Auto & Manual Modem Carrier Switching[1]	✓
Scheduler	✓
NetCloud OS Updates	✓
Real-Time Diagnostics / Troubleshooting	
Basic Real-Time Device Status	✓
Basic Network Interface Status	✓
Ping	✓
Traceroute	✓
Speed Test per WAN Interface	✓
Rogue AP Detection	✓
WiFi Site Survey	✓
Visibility / Analytics	
Network Dashboard	✓
Group Dashboard	✓
Device Dashboard	✓
Device License Information	✓
Subscription Dashboard	✓
Application Traffic Analytics	
WAN Data Usage	✓
Alerts / Reports / Logs	
Alert Management	✓
Network, Group, Device Reporting	✓
Activity Audit Log	✓
Device Log	✓
Debug Diagnostic Data Log	✓
User Activity Log	✓
Extensibility	
Custom busines applications running at the edge with NCOS SDK	✓
NetCloud API	✓
Accounts & Users	
Manage Users	✓
Manage Permissions	✓
Identity Federation with SAML 2.0 (Active Directory Integration)	✓
Single Sign On (SSO) to all Cradlepoint Services	✓

[1] Not available on IBR200	
[2] Not available on IBR6x0B	
[3] Only available on the IBR600C	