

# NetCloud Solution Package Comparison

This document illustrates the features included in Essentials and Advanced for the NetCloud Solution Packages.

IoT

Functionality	Essentials	Essentials + Advanced
<b>WAN</b>		
Connection Manager	✓	✓
LTE	✓	✓
WiFi-as-WAN	✓	✓
Wireless Client <sup>3</sup>	✓	✓
Smart WAN Selection	✓	✓
Quality of Service (QoS)	✓	✓
Application Aware QoS		
Traffic Steering	✓	✓
<b>Enterprise Routing</b>		
Static Routes	✓	✓
Policy Routes <sup>1</sup>	✓	✓
OSPF <sup>1</sup>		✓
BGP <sup>1</sup>		✓
RIP <sup>1</sup>		✓
NHRP <sup>1</sup>		✓
NEMO / DMNR		✓
<b>VPN &amp; Tunneling</b>		
IPSec	✓	✓
GRE	✓	✓
OpenVPN (SSL VPN) <sup>1</sup>		✓
L2TP <sup>1</sup>		✓
Auto VPN	✓	✓
Auto-Tunnels <sup>3</sup>		✓
DMVPN <sup>1</sup>		✓
<b>Security</b>		
Zone Firewall	✓	✓
Application Aware Zone Firewall		
Basic URL Web filtering (White/Black list)	✓	✓
NetCloud Perimeter	✓	✓
CP Secure Web Filter		
Web Classification and Categorization		
Web Reputation		
CP Secure Threat Management (IPS/IDS)		
Zscaler Internet Security <sup>1</sup>	Opt.	Opt.
<b>LAN</b>		
IPv4 & IPv6	✓	✓
DHCP Server / Relay	✓	✓
VRRP <sup>1</sup>		✓
STP <sup>1</sup>		✓
LLDP		

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<b>WiFi</b>		
Multiple SSIDs	✓	✓
Wireless Security Modes	✓	✓
Open	✓	✓
WEP	✓	✓
WPA / WPA2 Personal	✓	✓
WPA / WPA2 Enterprise (802.1x)	✓	✓
Smart Channel Selection	✓	✓
HotSpot Services (Captive Portal) <sup>1</sup>	✓	✓
<b>Remote Connect / Out-of-Band Management</b>		
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		✓
<b>Secure Remote Cloud Configuration</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	✓	✓
Modem Firmware Updates (one to multiple)	✓	✓
Auto & Manual Modem Carrier Switching <sup>1</sup>	✓	✓
Scheduler	✓	✓
NetCloud OS Updates	✓	✓
<b>Real-Time Diagnostics / Troubleshooting</b>		
Basic Real-Time Device Status	✓	✓
Advanced Real-Time Device Status		✓
Basic Network Interface Status	✓	✓
Advanced Network Interface Status		✓
Ping	✓	✓
Traceroute	✓	✓
Speed Test per WAN Interface	✓	✓
Rogue AP Detection	✓	✓
WiFi Site Survey	✓	✓

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<b>Visibility / Analytics</b>		
Network Dashboard	✓	✓
Group Dashboard	✓	✓
Device Dashboard	✓	✓
Device License Information	✓	✓
Subscription Dashboard	✓	✓
Health Dashboard		✓
WAN Uptime Analytics		✓
LAN Client Dashboard		✓
Application Traffic Analytics		
WAN Data Usage	✓	✓
Modem Data Usage Analytics		✓
Pooled Carrier Data Usage Analytics and Forecasting		✓
<b>GeoView Location Services</b>		
Device Map Location with quick view status <sup>2</sup>		✓
Geo-Fence Alerting for physical security <sup>2</sup>		✓
<b>Alerts / Reports / Logs</b>		
Alert Management	✓	✓
Network, Group, Device Reporting	✓	✓
Activity Audit Log	✓	✓
Device Log	✓	✓
Debug Diagnostic Data Log	✓	✓
User Activity Log	✓	✓
<b>Extensibility</b>		
Custom business applications running at the edge with NCOS SDK	✓	✓
NetCloud API	✓	✓
<b>Accounts &amp; Users</b>		
Manage Users	✓	✓
Manage Permissions	✓	✓
Identity Federation with SAML 2.0 (Active Directory Integration)	✓	✓
Single Sign On (SSO) to all Cradlepoint Services	✓	✓
<sup>1</sup> Not available on IBR200		
<sup>2</sup> Not available on IBR6x0B		
<sup>3</sup> Only available on the IBR600C		