

# NetCloud Solution Package Comparison

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

## Mobile Routing

Functionality	Essentials	Essentials + Advanced
<b>WAN</b>		
Connection Manager	✓	✓
LTE	✓	✓
WiFi-as-WAN / Client	✓	✓
Smart WAN Selection	✓	✓
Quality of Service (QoS)	✓	✓
Application Aware QoS		✓
Traffic Steering	✓	✓
<b>Enterprise Routing</b>		
Static Routes	✓	✓
Policy Routes	✓	✓
OSPF	✓	✓
BGP	✓	✓
RIP	✓	✓
NHRP	✓	✓
NEMO / DMNR	✓	✓
<b>VPN &amp; Tunneling</b>		
IPSec	✓	✓
GRE	✓	✓
OpenVPN (SSL VPN)	✓	✓
L2TP	✓	✓
Auto VPN	✓	✓
Auto-Tunnels	✓	✓
DMVPN	✓	✓
<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	Opt.	Opt.
<b>LAN</b>		
IPv4 & IPv6	✓	✓
DHCP Server / Relay	✓	✓
VRRP	✓	✓
STP	✓	✓
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)	✓	✓
<b>Remote Connect / Out-of-Band Management</b>		
Securely connect to device UI in any network architecture <sup>2</sup>	✓	✓
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 <sup>2</sup>	✓	✓
<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	✓	✓
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	✓	✓
OBD-II Support <sup>1</sup>	✓	✓

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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	✓	✓
WAN Data Usage	✓	✓
Modem Data Usage Analytics	✓	✓
Pooled Carrier Data Usage Analytics and Forecasting	✓	✓
Application Traffic Analytics		✓
<b>GeoView Location Services</b>		
Device Map Location with quick view status	✓	✓
Geo-Fence Alerting for physical security	✓	✓
<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 <sup>2</sup>	✓	✓
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> IBR900/1700 requires ODB-II adapter to function. IBR900 requires extensibility serial cable in addition to the OBD-II adapter.		
<sup>2</sup> Not available on the IBR900 FIPS and IBR1700 FIPS		