

NetCloud Solution Package Comparison

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

Branch Routing (BAX)

Functionality	Essentials (Prime)	Essentials + Advanced (Enterprise)
WAN		
Connection Manager	✓	✓
LTE	✓	✓
WiFi-as-WAN / Client	✓	✓
Smart WAN Selection	✓	✓
QoS	✓	✓
WAN Affinity	✓	✓
LAN		
IPv4 & IPv6	✓	✓
DHCP Server	✓	✓
DHCP Relay	✓	✓
1024 VLANs	✓	✓
VRRP	✓	✓
WiFi		
Multiple SSIDs	✓	✓
WEP	✓	✓
WPA / WPA2 Personal	✓	✓
WPA / WPA2 Enterprise	✓	✓
Smart Channel Selection	✓	✓
HotSpot Services	✓	✓
Enterprise Routing		
Static Routes	✓	✓
Policy Routes	✓	✓
OSPF	✓	✓
BGP	✓	✓
RIP	✓	✓
VRRP	✓	✓
STP	✓	✓
NHRP	✓	✓
NEMO / DMNR Primary	✓	✓
NEMO / DMNR Failover	✓	✓
Linked Router Management (LLDP)	✓	✓
DMVPN / NHRP	✓	✓
VPN & Tunneling		
IPSec	✓	✓
GRE	✓	✓
OpenVPN (SSL VPN)	✓	✓
L2TP	✓	✓
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	✓	✓
Security		
Zone Firewall	✓	✓
Application Aware Firewall		✓
Basic URL filtering (White/Black list)	✓	✓
Threat Intelligence	✓	✓
Web Reputation	✓	✓
Activity Audit Log	✓	✓
NetCloud Perimeter	✓	✓
CP Secure Web Filter (optional Webroot package)		✓
CP Secure Threat Management (IPS/IDS optional package)	✓	✓
Zscaler Internet Security (optional package)	✓	✓
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	✓	✓
Export Network Interface List	✓	✓
Modem Configuration	✓	✓
Modem Firmware Visibility & Management	✓	✓
Modem Firmware Updates	✓	✓
Auto & Manual Modem Carrier Switching	✓	✓
Scheduler	✓	✓
NetCloud OS Updates	✓	✓
Application Aware Firewall		✓
Application Aware QoS		✓

Real-Time Diagnostics / Troubleshooting		
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	✓	✓
Device Log	✓	✓
Debug Diagnostic Data Log	✓	✓
User Activity Log	✓	✓
Rogue AP Detection	✓	✓
WiFi Site Survey	✓	✓

Visibility / Analytics		
Network Dashboard	✓	✓
Group Dashboard	✓	✓
Device Dashboard	✓	✓
LAN Client Dashboard	✓	✓
WAN Data Usage	✓	✓
Modem / Carrier (Pooled) Data Usage Analytics	✓	✓
WAN Uptime Analytics	✓	✓
Application Traffic Analytics		✓

GeoView Location Services		
Device Map Location with quick view status	✓	✓
Geo-Fence Alerting for physical security	✓	✓

Alerts / Reports		
Alert Management	✓	✓
Network, Group, Device Reporting	✓	✓
Activity Audit Log	✓	✓

Extensibility		
Custom business applications running at the edge with NCOS SDK	✓	✓
NetCloud API	✓	✓

Accounts & Users		
Manage Users	✓	✓
Manage Permissions	✓	✓
Active Directory Domain Authentication (Federated ID)	✓	✓
Single Sign On (SSO) to all Cradlepoint Services	✓	✓

NetCloud Solution Package Comparison

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

NOTE – Access Points come with the Essentials package; however, APs must be deployed with either an Essential or Advanced Branch Router which extends those Router features.

Branch Access Point (BCx)

Functionality	AP Essentials (Prime)	With Branch Router Essentials (Prime)	With Branch Router Essentials + Advanced (Enterprise)
WAN			
Connection Manager	✓	✓	✓
LTE	✓	✓	✓
WiFi-as-WAN / Client	✓	✓	✓
Smart WAN Selection	✓	✓	✓
QoS	✓	✓	✓
WAN Affinity	✓	✓	✓
LAN			
IPv4 & IPv6	✓	✓	✓
DHCP Server	✓	✓	✓
DHCP Relay	✓	✓	✓
1024 VLANs	✓	✓	✓
VRRP	✓	✓	✓
WiFi			
Multiple SSIDs	✓	✓	✓
WEP	✓	✓	✓
WPA / WPA2 Personal	✓	✓	✓
WPA / WPA2 Enterprise	✓	✓	✓
Smart Channel Selection	✓	✓	✓
HotSpot Services	✓	✓	✓
Enterprise Routing			
Static Routes	✓	✓	✓
Policy Routes	✓	✓	✓
OSPF	✓	✓	✓
BGP	✓	✓	✓
RIP	✓	✓	✓
VRRP	✓	✓	✓
STP	✓	✓	✓
NHRP	✓	✓	✓
NEMO / DMNR Primary	✓	✓	✓
NEMO / DMNR Failover	✓	✓	✓
Linked Router Management (LLDP)	✓	✓	✓
DMVPN / NHRP	✓	✓	✓
VPN & Tunneling			
IPSec	✓	✓	✓
GRE	✓	✓	✓
OpenVPN (SSL VPN)	✓	✓	✓
L2TP	✓	✓	✓
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	✓	✓	✓
Security			
Zone Firewall	✓	✓	✓
Application Aware Firewall			✓
Basic URL filtering (White/Black list)	✓	✓	✓
Threat Intelligence	✓	✓	✓
Web Reputation	✓	✓	✓
Activity Audit Log	✓	✓	✓
NetCloud Perimeter	✓	✓	✓
CP Secure Web Filter (optional Webroot package)			✓
CP Secure Threat Management (IPS/IDS optional package)	✓	✓	✓
Zscaler Internet Security (optional package)	✓	✓	✓

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	✓	✓	✓
Export Network Interface List	✓	✓	✓
Modem Configuration	NA	NA	NA
Modem Firmware Visibility & Management	NA	NA	NA
Modem Firmware Updates	NA	NA	NA
Auto & Manual Modem Carrier Switching	NA	NA	NA
Scheduler	✓	✓	✓
NetCloud OS Updates	✓	✓	✓
Application Aware Firewall			✓
Application Aware QoS			✓
Real-Time Diagnostics / Troubleshooting			
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		✓	✓
Device Log	✓	✓	✓
Debug Diagnostic Data Log	✓	✓	✓
User Activity Log	✓	✓	✓
Rogue AP Detection	✓	✓	✓
WiFi Site Survey	✓	✓	✓
Visibility / Analytics			
Network Dashboard	✓	✓	✓
Group Dashboard	✓	✓	✓
Device Dashboard	✓	✓	✓
LAN Client Dashboard		✓	✓
WAN Data Usage		✓	✓
Modem / Carrier (Pooled) Data Usage Analytics		✓	✓
WAN Uptime Analytics		✓	✓
Application Traffic Analytics		✓	✓
GeoView Location Services			
Device Map Location with quick view status	✓	✓	✓
Geo-Fence Alerting for physical security	✓	✓	✓
Alerts / Reports			
Alert Management	✓	✓	✓
Network, Group, Device Reporting	✓	✓	✓
Activity Audit Log	✓	✓	✓
Extensibility			
Custom business applications running at the edge with NCOS SDK	✓	✓	✓
NetCloud API	✓	✓	✓
Accounts & Users			
Manage Users	✓	✓	✓
Manage Permissions	✓	✓	✓
Active Directory Domain Authentication (Federated ID)	✓	✓	✓
Single Sign On (SSO) to all Cradlepoint Services	✓	✓	✓

NetCloud Solution Package Comparison

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

Branch LTE Adapter (BBx)

Functionality	Essentials (Standard)	Essentials + Advanced (Prime)
WAN		
Connection Manager	✓	✓
LTE	✓	✓
WiFi-as-WAN / Client	✓	✓
Smart WAN Selection	✓	✓
QoS	✓	✓
WAN Affinity	✓	✓
LAN		
IPv4 & IPv6	✓	✓
DHCP Server	✓	✓
DHCP Relay	✓	✓
1024 VLANs	✓	✓
VRRP		✓
WiFi		
Multiple SSIDs	✓	✓
WEP	✓	✓
WPA / WPA2 Personal	✓	✓
WPA / WPA2 Enterprise	✓	✓
Smart Channel Selection	✓	✓
HotSpot Services	✓	✓
Enterprise Routing		
Static Routes	✓	✓
Policy Routes	✓	✓
OSPF	NA	NA
BGP	NA	NA
RIP	NA	NA
VRRP	NA	NA
STP	NA	NA
NHRP	NA	NA
NEMO / DMNR Primary	NA	NA
NEMO / DMNR Failover	NA	NA
Linked Router Management (LLDP)	NA	NA
DMVPN / NHRP	NA	NA
VPN & Tunneling		
IPSec	NA	NA
GRE	NA	NA
OpenVPN (SSL VPN)	NA	NA
L2TP	NA	NA
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		✓
Security		
Zone Firewall	✓	✓
Application Aware Firewall		
Basic URL filtering (White/Black list)	✓	✓
Threat Intelligence	✓	✓
Web Reputation	✓	✓
Activity Audit Log	✓	✓
NetCloud Perimeter	✓	✓
CP Secure Web Filter (optional Webroot package)		
CP Secure Threat Management (IPS/IDS optional package)	✓	✓
Zscaler Internet Security (optional package)	✓	✓
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	✓	✓
Export Network Interface List	✓	✓
Modem Configuration	✓	✓
Modem Firmware Visibility & Management	✓	✓
Modem Firmware Updates	✓	✓
Auto & Manual Modem Carrier Switching	✓	✓
Scheduler	✓	✓
NetCloud OS Updates	✓	✓
Application Aware Firewall		
Application Aware QoS		

Real-Time Diagnostics / Troubleshooting		
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	✓	✓
Device Log	✓	✓
Debug Diagnostic Data Log	✓	✓
User Activity Log	✓	✓
Rogue AP Detection	✓	✓
WiFi Site Survey	✓	✓

Visibility / Analytics		
Network Dashboard	✓	✓
Group Dashboard	✓	✓
Device Dashboard	✓	✓
LAN Client Dashboard		✓
WAN Data Usage	✓	✓
Modem / Carrier (Pooled) Data Usage Analytics		✓
WAN Uptime Analytics		✓
Application Traffic Analytics		

GeoView Location Services		
Device Map Location with quick view status		✓
Geo-Fence Alerting for physical security		✓

Alerts / Reports		
Alert Management	✓	✓
Network, Group, Device Reporting	✓	✓
Activity Audit Log	✓	✓

Extensibility		
Custom business applications running at the edge with NCOS SDK	✓	✓
NetCloud API	✓	✓

Accounts & Users		
Manage Users	✓	✓
Manage Permissions	✓	✓
Active Directory Domain Authentication (Federated ID)	✓	✓
Single Sign On (SSO) to all Cradlepoint Services	✓	✓