

NetCloud Solution Package Comparison

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

Branch Routing

Functionality	Essentials (Prime)	Essentials + Advanced (Enterprise)
WAN		
Connection Manager	✓	✓
LTE*	✓	✓
WiFi-as-WAN / Client*	✓	✓
Smart WAN Selection	✓	✓
QoS	✓	✓
WAN Affinity	✓	✓
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	✓	✓
AutoVPN	✓	✓
Security		
Zone Firewall	✓	✓
Application Aware Firewall		✓
Application Aware QoS		✓
Basic URL filtering (White/Black list)	✓	✓
Threat Intelligence	✓	✓
Web Reputation	✓	✓
Activity Audit Log	✓	✓
NetCloud Perimeter	✓	✓
CP Secure Web Filter		✓
CP Secure Threat Management (IPS/IDS optional package)	✓	✓
Zscaler Internet Security (optional package)	✓	✓
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*	✓	✓
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	✓	✓
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	✓	✓

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	✓	✓

* Not available on CR4250

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

Functionality	AP Essentials (Prime)	With Branch Router Essentials (Prime)	With Branch Router Essentials + Advanced (Enterprise)
WAN			
Connection Manager	NA	✓	✓
LTE	NA	✓	✓
WiFi-as-WAN / Client	NA	✓	✓
Smart WAN Selection	NA	✓	✓
QoS	NA	✓	✓
WAN Affinity	NA	✓	✓
Enterprise Routing			
Static Routes	✓	✓	✓
Policy Routes	NA	✓	✓
OSPF	NA	✓	✓
BGP	NA	✓	✓
RIP	NA	✓	✓
VRRP	NA	✓	✓
STP	NA	✓	✓
NHRP	NA	✓	✓
NEMO / DMNR Primary	NA	✓	✓
NEMO / DMNR Failover	NA	✓	✓
Linked Router Management (LLDP)	NA	✓	✓
DMVPN / NHRP	NA	✓	✓
VPN & Tunneling			
IPSec	NA	✓	✓
GRE	NA	✓	✓
OpenVPN (SSL VPN)	NA	✓	✓
L2TP	NA	✓	✓
AutoVPN	NA	✓	✓
Security			
Zone Firewall	NA	✓	✓
Application Aware Firewall	NA		✓
Application Aware QoS	NA		✓
Basic URL filtering (White/Black list)	NA	✓	✓
Threat Intelligence	NA	✓	✓
Web Reputation	NA	✓	✓
Activity Audit Log	✓	✓	✓
NetCloud Perimeter	NA	✓	✓
CP Secure Web Filter	NA		✓
CP Secure Threat Management (IPS/IDS optional package)	NA	✓	✓
Zscaler Internet Security (optional package)	NA	✓	✓
LAN			
IPv4 & IPv6	✓	✓	✓
DHCP Server		✓	✓
DHCP Relay		✓	✓
1024 VLANs	✓	✓	✓
VRRP	NA	✓	✓
WIFI			
Multiple SSIDs	✓	✓	✓
WEP	✓	✓	✓
WPA / WPA2 Personal	✓	✓	✓
WPA / WPA2 Enterprise	✓	✓	✓
Smart Channel Selection	✓	✓	✓
HotSpot Services	✓	✓	✓
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	NA	✓	✓
LAN Manager for Access to LAN connected 3rd Party Device UIs	NA	✓	✓
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	✓	✓	✓

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	NA	✓	✓
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	NA	✓	✓
WAN Data Usage	NA	✓	✓
Modem / Carrier (Pooled) Data Usage Analytics	NA	✓	✓
WAN Uptime Analytics	NA	✓	✓
Application Traffic Analytics	NA		✓

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

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

Branch LTE Adapter

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

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

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	NA	NA
WiFi Site Survey	NA	NA

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

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	✓	✓