

NetCloud Solution Package Comparison

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

Branch Routing

Functionality	Essentials	Essentials + Advanced ³
WAN		
Connection Manager	✓	✓
LTE ¹	✓	✓
WiFi-as-WAN / Client ¹	✓	✓
Smart WAN Selection	✓	✓
Quality of Service (QoS)	✓	✓
Application Aware QoS		✓
Traffic Steering	✓	✓
Enterprise Routing		
Static Routes	✓	✓
Policy Routes	✓	✓
OSPF	✓	✓
BGP	✓	✓
RIP	✓	✓
NHRP	✓	✓
NEMO / DMNR	✓	✓
VPN & Tunneling		
IPSec	✓	✓
GRE	✓	✓
OpenVPN (SSL VPN)	✓	✓
L2TP	✓	✓
Auto VPN	✓	✓
Auto-Tunnels	✓	✓
DMVPN	✓	✓
Security		
Zone Firewall	✓	✓
Application Aware Zone Firewall		✓
Basic URL Web filtering (White/Black list)	✓	✓
NetCloud Perimeter	✓	✓
CP Secure Web Filter		✓
Web Classification and Catergorization		✓
Web Reputation		✓
CP Secure Threat Management (IPS/IDS)		✓
Zscaler Internet Security	Opt.	Opt.
LAN		
IPv4 & IPv6	✓	✓
DHCP Server / Relay	✓	✓
VRRP	✓	✓
MAC Filtering and Logging	✓	✓
IP Passthrough Mode ¹	✓	✓
Wired 802.1x	✓	✓
STP	✓	✓
LLDP	✓	✓

Branch Routing

Functionality	Essentials	Essentials + Advanced ³
WiFi		
Multiple SSIDs ¹	✓	✓
Wireless Security Modes ¹	✓	✓
Open	✓	✓
WEP	✓	✓
WPA / WPA2 Personal	✓	✓
WPA / WPA2 Enterprise (802.1x)	✓	✓
Smart Channel Selection ¹	✓	✓
HotSpot Services (Captive Portal) ¹	✓	✓
Remote Connect / Out-of-Band Management		
Securely connect to device UI in any network architecture ²	✓	✓
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 ²	✓	✓
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 ¹	✓	✓
Modem Firmware Visibility & Management ¹	✓	✓
Modem Firmware Updates (one to multiple) ¹	✓	✓
Auto & Manual Modem Carrier Switching ¹	✓	✓
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	✓	✓
Rogue AP Detection ¹	✓	✓
WiFi Site Survey ¹	✓	✓

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

Branch Routing

Functionality	Essentials	Essentials + Advanced ³
Visibility / Analytics		
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 ¹	✓	✓
Pooled Carrier Data Usage Analytics and Forecasting ¹	✓	✓
GeoView Location Services		
Device Map Location with quick view status	✓	✓
Geo-Fence Alerting for physical security	✓	✓
Alerts / Reports / Logs		
Alert Management	✓	✓
Network, Group, Device Reporting	✓	✓
Activity Audit Log	✓	✓
Device Log	✓	✓
Debug Diagnostic Data Log	✓	✓
User Activity Log	✓	✓
Extensibility		
Custom business applications running at the edge with NCOS SDK ²	✓	✓
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 CR4250/CVR		
2 Not available on AER2200 FIPS		
3 Not available on CVR		

NetCloud Solution Package Comparison

This document illustrates the features included in Essentials and Advanced for the NetCloud Solution Packages for LTE Adapters: CBA550 and CBA850. The Advanced Add-On plan is only available on the CBA850.

Branch LTE Adapter

Functionality	Essentials	Essentials + Advanced ¹
WAN		
Connection Manager	P	P
LTE	✓	✓
WiFi-as-WAN / Client		
Smart WAN Selection ²	✓	✓
Ethernet WAN for inline failover ²	✓	✓
Quality of Service (QoS)	✓	✓
Application Aware QoS		
Traffic Steering ²	✓	✓
Enterprise Routing		
Static Routes	✓	✓
Security		
Zone Firewall	✓	✓
Application Aware Zone Firewall		
Basic URL Web filtering (White/Black list)	✓	✓
NetCloud Perimeter	✓	✓
LAN		
IPv4 & IPv6	✓	✓
DHCP Server / Relay	✓	✓
VRRP		
STP		
LLDP	✓	✓
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		✓

This document illustrates the features included in Essentials and Advanced for the NetCloud Solution Packages for LTE Adapters: CBA550 and CBA850. The Advanced Add-On plan is only available on the CBA850.

Branch LTE Adapter

Functionality	Essentials	Essentials + Advanced 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	✓	✓
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	✓	✓
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	✓	✓
Visibility / Analytics		
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		✓

This document illustrates the features included in Essentials and Advanced for the NetCloud Solution Packages for LTE Adapters: CBA550 and CBA850. The Advanced Add-On plan is only available on the CBA850.

Branch LTE Adapter

Functionality	Essentials	Essentials + Advanced ¹
GeoView Location Services		
Device Map Location with quick view status		✓
Geo-Fence Alerting for physical security		✓
Alerts / Reports / Logs		
Alert Management	✓	✓
Network, Group, Device Reporting	✓	✓
Activity Audit Log	✓	✓
Device Log	✓	✓
Debug Diagnostic Data Log	✓	✓
User Activity Log	✓	✓
Extensibility		
Custom business 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 Advanced Add-On Plan is only available on the CBA850		
² Available only on the CBA850		

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	With Branch Router Essentials	With Branch Router Essentials + Advanced
WAN			
Connection Manager		✓	✓
LTE		✓	✓
WiFi-as-WAN / Client		✓	✓
Smart WAN Selection		✓	✓
Quality of Service (QoS)		✓	✓
Application Aware QoS			✓
Traffic Steering		✓	✓
Enterprise Routing			
Static Routes		✓	✓
Policy Routes		✓	✓
OSPF		✓	✓
BGP		✓	✓
RIP		✓	✓
NHRP		✓	✓
NEMO / DMNR		✓	✓
VPN & Tunneling			
IPSec		✓	✓
GRE		✓	✓
OpenVPN (SSL VPN)		✓	✓
L2TP		✓	✓
Auto VPN		✓	✓
Auto-Tunnels		✓	✓
DMVPN		✓	✓
Security			
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.
LAN			
IPv4 & IPv6	✓	✓	✓
DHCP Server / Relay		✓	✓
MAC Filtering and Logging		✓	✓
STP		✓	✓
LLDP		✓	✓

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WiFi			
Multiple SSIDs	✓	✓	✓
Wireless Security Modes	✓	✓	✓
Open	✓	✓	✓
WEP	✓	✓	✓
WPA / WPA2 Personal	✓	✓	✓
WPA / WPA2 Enterprise (802.1x)	✓	✓	✓
Smart Channel Selection	✓	✓	✓
HotSpot Services (Captive Portal)	✓	✓	✓
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	✓	✓	✓
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		✓	✓
Rogue AP Detection	✓	✓	✓
WiFi Site Survey	✓	✓	✓

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Visibility / Analytics			
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		✓	✓
GeoView Location Services			
Device Map Location with quick view status		✓	✓
Geo-Fence Alerting for physical security		✓	✓
Alerts / Reports / Logs			
Alert Management	✓	✓	✓
Network, Group, Device Reporting	✓	✓	✓
Activity Audit Log	✓	✓	✓
Device Log	✓	✓	✓
Debug Diagnostic Data Log	✓	✓	✓
User Activity Log	✓	✓	✓
Extensibility			
Custom business applications running at the edge with NCOS SDK	✓	✓	✓
NetCloud API	✓	✓	✓
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Identity Federation with SAML 2.0 (Active Directory Integration)	✓	✓	✓
Single Sign On (SSO) to all Cradlepoint Services	✓	✓	✓