

NetCloud Feature	NetCloud Small Branch	
Endpoint	E100	E102
WAN		
Carrier Selection Intelligence	✓	✓
Connection Manager		
Load Balancing	✓	✓
Smart WAN Selection	✓	✓
Advanced APN	✓	✓
WAN Verify	✓	✓
Failover/Failback	✓	✓
WAN Connections		
5G	✓	✗
LTE	✓	✓
CBRS	✓	✓
WiFi-as-WAN	✓	✓
Wireless Client	✗	✗
Wired Ethernet	✓	✓
SD-WAN		
Single-Sided Architecture (Edge only)		
Static Traffic Steering (Device or Group)	✓	✓
Dual-Ended Architecture (requires NCX Service Gateway or NetCloud SASE)	<u>Zero-Trust Security & SD-WAN</u>	<u>Zero-Trust Security & SD-WAN</u>
Enterprise Routing		
Static Routes	✓	✓
Policy Routes	✓	✓
OSPF	✓	✓
BGP	✓	✓
RIP	✓	✓
PIM	✓	✓
Open EIGRP	✓	✓
NHRP	✓	✓
NEMO / DMNR	✓	✓
IP Verify	✓	✓
LAN		
IPv4 & IPv6	✓	✓
Quality of Service (QoS)	✓	✓
Application Aware QoS	Advanced	Advanced
DHCP Server / Relay	✓	✓
VRRP	✗	✗

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MAC Filtering and Logging	✓	✓
IP Passthrough Mode	✓	✓
Wired 802.1x	✓	✓
STP	✓	✓
LLDP	✓	✓
VLANS	✓ (Advanced for > 2)	✓ (Advanced for > 2)
Wi-Fi		
Multiple SSIDs	Advanced	Advanced
Wireless Security Modes		
Open	✓	✓
WPA / WPA2 Personal	✓	✓
WPA / WPA2 Enterprise (802.1x)	✓	✓
WPA / WPA2/WPA3 Personal and Enterprise (802.1x)	✓	✓
Smart Channel Selection	✓	✓
DFS Channels Support	✓	✓
HotSpot Services (Captive Portal)	✓	✓
Edge Security		
Zone Firewall	✓	✓
Application Aware Zone Firewall	Advanced	Advanced
Basic URL Web Filtering (Permitted/Blocked list)	✓	✓
Available DNS Layer Filtering with Cisco Umbrella	✓	✓
Secure Threat Management (IPS/IDS)	Advanced or IPS & Web Filter	Advanced or IPS & Web Filter
Actionable Alert on Threat Detection	Advanced or IPS & Web Filter	Advanced or IPS & Web Filter
Secure Web Filter	Advanced or IPS & Web Filter	Advanced or IPS & Web Filter
Web Classification and Categorization	Advanced or IPS & Web Filter	Advanced or IPS & Web Filter
Web Reputation	Advanced or IPS & Web Filter	Advanced or IPS & Web Filter
VPN & Tunneling		
Traditional Edge VPN Protocols & Orchestration		
IPSec	✓	✓
GRE	✓	✓
OpenVPN (SSL VPN)	✓	✓
L2TP	✓	✓
PMIP	✓	✓

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DMVPN	✓	✓
Auto-Tunnels	✓	✓
VXLAN	✗	✗
Serial IP/MODBUS	✗	✗
Zero Trust Network		
Site-to-site Based Access Policies (Secure Connect)	Zero-Trust Security & SD-WAN	Zero-Trust Security & SD-WAN
Secure Remote Access (ZTNA)	Zero-Trust Security & SD-WAN	Zero-Trust Security & SD-WAN
Hybrid Mesh Firewall (HMF)	Zero-Trust Security & SD-WAN	Zero-Trust Security & SD-WAN
Advanced Web Services	Zero-Trust Security & SD-WAN	Zero-Trust Security & SD-WAN
Troubleshooting & Diagnostics		
Out-of-Band Management for access to non-Ericsson Cradlepoint devices with console port	✓	✓
In-band management for access to LAN connected 3rd party device UIs	✓	✓
In-band management for clientless access to LAN connected PC/MAC devices (RDP/VNC)	Advanced	Advanced
Real-time Device Status via Remote Connect Local UI (router)	✓	✓
Real-time Network Interface Status via Remote Connect Local UI (router)	✓	✓
Current Device Status via NetCloud Device Dashboard	✓	✓
Current Network Interface Status via NetCloud Device Dashboard	✓	✓
Ping	✓	✓
Traceroute	✓	✓
Global Speed Test per WAN Interface	✓	✓
Rogue AP Detection	✓	✓
Wi-Fi Site Survey	✓	✓
GPIO (General Purpose Input/Outputs)	✗	✗
Ignition Sensing with Delayed Power Off	✗	✗
OBD-II Support	✗	✗
Dashboard Analytics		
Account Dashboard	✓	✓
Group Dashboard	✓	✓
Device Dashboard	✓	✓
Detailed Interface (Network, Ports, and Wi-Fi) view with Live Stats	✓	✓
Detailed Interface (GPIO) view with Live Stats	✗	✗
GeoView Dashboard (Account, Group, Device)	✓	✓
Near Real-Time Last Known Map Location Based on GNSS/GPS	✓	✓

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Add Last Known Map Location Manually	✓	✓
Approximate Last Known Map Location Based on Serving Cell Tower	Advanced	Advanced
Location of Serving Cell Tower	Advanced	Advanced
GeoFence Alerting	✓	✓
5G/LTE Cellular Coverage Map with filter	✗	✗
Location Tracking	✗	✗
Cellular Data Usage Dashboard (Account)	✓	✓
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting	✓	✓
Data Usage Dashboard (Account, Group, Device)		
Usage by WAN and Modem	✓	✓
Clients - Connected and Top Users (Account, Group, Device)	✓	✓
Traffic - Categories and Applications (Account, Group, Device)	Advanced	Advanced
Health Dashboard (Account, Group, Device)	✓	✓
WAN Uptime (uncategorized)	✓	✓
WAN Uptime (categorized by WAN service type)	Advanced	Advanced
Devices Lifecycle (shows where software update is required)	✓	✓
Cellular Health Summary (Account, Device)	Advanced	Advanced
Cellular Health Events (Device)	Advanced	Advanced
Cellular Health with Live Stats (Device)	✓	✓
Application and Interface WAN Quality of Experience (QoE)	Advanced	Advanced
Traffic Steering for Events & Flows	Advanced	Advanced
Failover Events Summary	Advanced	Advanced
Active Failover Events	Advanced	Advanced
License Dashboard (Device)	✓	✓
Subscription Dashboard (Account)	✓	✓
Licensed Devices (allows Change License capability and shows active Essentials Plans)	✓	✓
Non-Compliant Devices	✓	✓
Unlicensed Devices	✓	✓
Subscriptions (includes total budgetary renewal cost for proactive budgeting)	✓	✓
Product Last Date of Support	✓	✓

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Capacity Dashboard (with alerts)	✗	✗
VPN Monitor	✓	✓
Security Dashboard (Account, Device)	Advanced or IPS & Web Filter	Advanced or IPS & Web Filter
Secure Web Filter Summary and Events	Advanced or IPS & Web Filter	Advanced or IPS & Web Filter
Secure Threat Management (IDS/IPS) Events	Advanced or IPS & Web Filter	Advanced or IPS & Web Filter
Default Password usage insights	Advanced or IPS & Web Filter	Advanced or IPS & Web Filter
Insights		
Account Insights: Failover Report (Account, Group)	Advanced	Advanced
Account Insights: NetCloud Summary Report (Account, Group)	Advanced	Advanced
Network Insights: Data Usage Report	✓	✓
Health Insights: Signal Strength Report	✓	✓
Download Dashboard as CSV or PDF (dashboard dependent)	✓	✓
Save, Schedule, and Share (Email) Custom Reports	✓	✓
Extensibility & Integrations		
NetCloud Container Orchestrator	✗	✗
NetCloud-delivered integrations		
Microsoft Azure IoT Central	Advanced	Advanced
Palo Alto Networks Prisma Access	✓	✓
CloudShark	✓	✓
Forward Thinking ⁴	✗	✗
Custom business applications running at the edge with NetCloud SDK	✓	✓
NetCloud API	✓	✓
GPS send-to-server		
1 default sentence	✗	✗
5 configurable sentences	✗	✗
Secure Cloud Management & Orchestration		
Individual Device Configuration		
View / Edit Device Configuration	✓	✓
Clear Device Configuration	✓	✓
Remote Reboot	✓	✓
Restore to Factory Defaults	✓	✓
Export Device List	✓	✓
Group Device Configuration		

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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	✓	✓
LAN OS	✗	✗
Alerts & Logs		
Alert Management	✓	✓
Alerts via Webhook	✓	✓
Enhanced Logging (user, activity, debug, device, alert)	✓	✓
Accounts & Users		
Manage Users	✓	✓
Manage Permissions	✓	✓
Custom Roles	✓	✓
Identity Federation with SAML 2.0	✓	✓
Marketplace for in-app purchases	✓	✓
Customer/Partner community access, depending on user type	✓	✓
Artificial Intelligence		
ANA Tech Docs	✓	✓
ANA Virtual Assistant	Advanced	Advanced
Dynamic Graphs	Advanced	Advanced
AI Insights	Advanced	Advanced
Device Events / Faults	Advanced	Advanced
Mobile Apps		
NetCloud Verify (installation)	✓	✓
NetCloud Mobile (management)	✓	✓

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Footnotes: ⁴ Only available in US ⁵ Only available in EMEA for X10, NetCloud Connect required		