

Catalyst 9200 Switches - Advantage vs. Essentials

Advantage

DNA Advantage (Inclusive of DNA Essentials)

3,5,7 Year Terms

Advanced Automation

- SD-Access
- Application Policy
- Third-party App Hosting

Assurance & Analytics

- Global Insights, Trends,
- Compliance, Custom Reports
- Switch 360 & Wired Client 360
- SD-Access and Switch Insights
- Application Health, Application 360, Performance (Loss, Latency, Jitter)

Element Management

- Patch Lifecycle Management

Telemetry & Visibility

- ERSPAN
- Wireshark

Essentials

DNA Essentials

3,5,7 Year Terms

Basic Automation

- PnP Application
- LAN Automation
- Embedded Event Manager

Basic Assurance

- Health Dashboards – Network, Client, Application
- Basic Switch & Wired Client Health Monitoring

Element Management

- Software Image Management
- Discovery, Inventory, Topology

Telemetry

- Full Flexible NetFlow

Network Advantage (Inclusive of Network Essentials)

Perpetual

Full Routing Functionality

BGP, HSRP, OSPF, ISIS, GLBP

Flexible Network Segmentation

VRF, VXLAN, LISP, SGT, MPLS

High Availability & Resiliency

NSF, GIR, ISSU/eFSU, Patching (CLI)

Optimize Bandwidth Utilization with Multicast

MSDP, mVPN, AutoRP, PIM-BIDIR

Network Essentials

Perpetual

Essential Switch Capabilities

Layer 2,
Routed Access -RIP, EIGRP Stub, OSPF (1000 routes),
PBR, PIM Stub Multicast (1000 routes)
PVLAN, VRRP, PBR, CDP, QoS,
FHS, 802.1x, MACsec-128, CoPP, SXP, IP SLA Responder
SSO

DevOps Integration

- NETCONF, RESTCONF, gRPC
- Yang Data Models
- GuestShell (On-Box Python)
- PnP Agent, ZTP

Telemetry & Visibility

- Model-driven Telemetry
- Sampled NetFlow
- SPAN, RSPAN

- Catalyst 9000 switching HW **includes** the **Perpetual** Network Stack - **Network Essentials or Network Advantage**
- **Mandatory** to **attach DNA License** when ordering Catalyst 9000 switches
- DNA License **includes Switch and DNA Center Features**