VDX系列数据中心交换机

Extreme networks

SPINE

LEAF

VDX 6740 Family

Brocade VDX 6740

Brocade VDX 6740T

Brocade VDX 6740T-1G

1 GbE/10 GbE/10 GBASE-T optimized with 40 GbE uplinks

VDX 6940 Family

Brocade VDX 6940-36Q

Brocade VDX 6940-144S

10 GbE/40 GbE optimized with 100 GbE uplinks

VDX 8770 Family

Brocade VDX 8770-4

Brocade VDX 8770-8

10 GbE/10 GBASE-T/40 GbE/100 GbE optimized modular system

Scalability

VDX 8770 数据中心核心交换机

业界领先的性能和可扩展性

- 支持从100台到10万台服务器的数据中心核心
- VCS 虚拟机箱技术
- 深缓存设计处理突发流量
- 端口到端口3.5 毫秒转发时延
- 丰富灵活的10/40/100 GbE 端口
- 全冗余设计且支持不中断业务升级（ISSU）
- 支持SDN OpenFlow 1.3

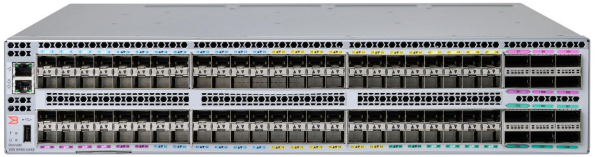
4- and 8-slot chassis
576 ports of 10 GbE
216 ports of 40 GbE
48 ports of 100 GbE

VDX 6940 数据中心架顶式交换机

VDX 6940-36Q

高密度 10/40 GbE leaf-and-spine 交换机

- 36×40 GbE QSFP+
- 144×10 GbE SFP+ (with breakout cables)
- 单 ASIC 芯片，全线速交换
- 24 MB 动态深缓存技术
- VXLAN VTEP for NSX and DCI



VDX 6940-144S

高密度10 GbE 交换机，40/100 GbE上连

- 96 × 10 GbE SFP+
- 12 × 40 GbE QSFP+ 或 4 × 100 GbE QSFP28
- 单 ASIC 芯片，全线速交换
- 24 MB 动态深缓存技术
- VXLAN VTEP for NSX and DCI

VDX 6740 数据中心架顶式交换机

高性能和可扩展性

- 48 1/10 GbE SFP+ (6740) and 4 40 GbE QSFP+
- 48 1/10 GbE 10GBASE-T (6740-T) and 4 40 GbE QSF+
- 48 1 GbE 端口升级到 10 GbE 端口软件许可
- 单 ASIC 芯片，全线速交换
- 24 MB 动态深缓存技术
- VXLAN VTEP for NSX and Data Center Interconnect (DCI)
- VCS 虚拟机箱技术

Brocade VDX 6740

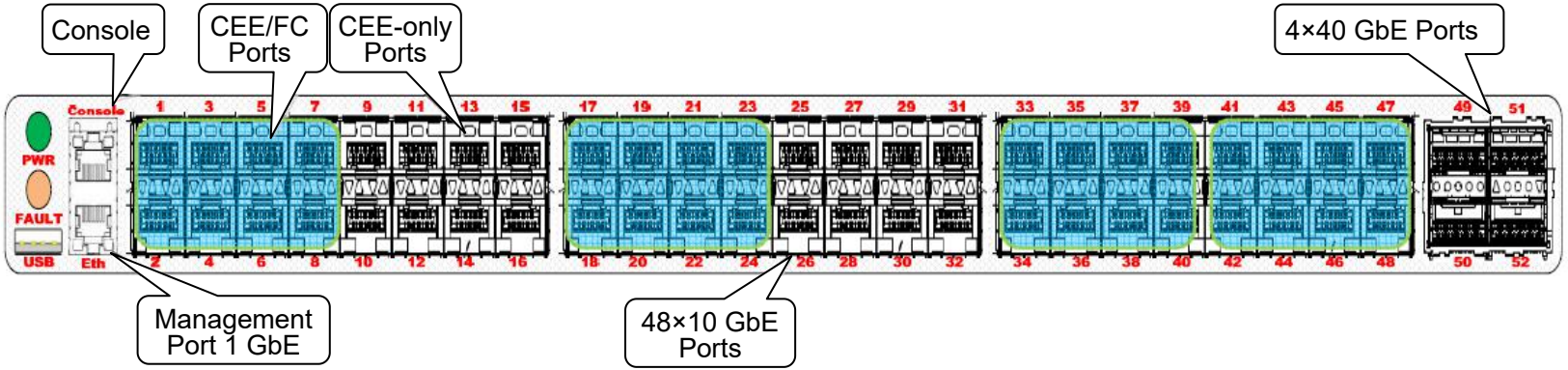
Brocade VDX 6740T

Brocade VDX 6740T-1G

VDX系列数据中心交换机

- VDX 6740 前面板端口分布

- 32个灵活端口（Flex Ports）显示为蓝色
- 每个灵活单口可被配置为 Fibre Channel 或 Ethernet
- VDX 6740 是唯一支持 Gen 5 Fibre Channel 的超融合交换机



Summit X590 24口万兆高性价比交换机

X590-24x-1q-2c
24x1Gb/10Gb SFP+
1xQSFP+: 4x10G/1x40Gb (Available in Stack mode only)
2xQSFP28: 2x100Gb/40Gb, 8x10G/25Gb, 4x50Gb

24 x 1Gb/10Gb SFP+ Ports

2 x 10/25/40/50/100GbE Capable QSFP28 Ports
1 x 10/40Gb Capable QSFP Ports

X590-24t-1q-2c
24x100Mb/1Gb/10Gb 10GBASE-T
1xQSFP+: 4x10G/1x40Gb (Available in Stack mode only)
2xQSFP28: 2x100Gb/40Gb, 8x10G/25Gb, 4x50Gb

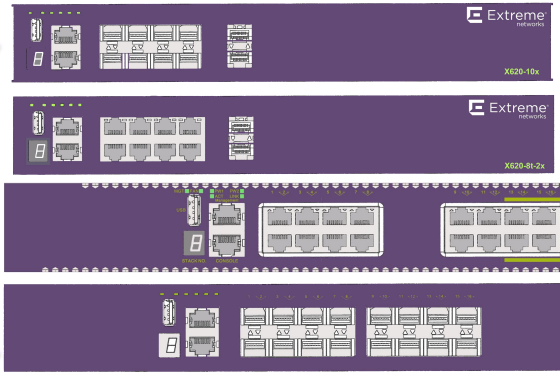
24 x 100Mb/1Gb/10Gb 10GBASE-T Ports

2 x 10/25/40/50/100GbE Capable QSFP28 Ports
1 x 10/40Gb Capable QSFP Ports

- 24口万兆（光口/电口）下行，2个100G/50G/25G上行
- 支持跨交换机80G堆叠
- 模块化热插拔冗余电源和风扇

Summit X620 10/16口入门级万兆交换机

EXOS
v21.1



X620-10x
10 x SFP+ 100Mb/1Gb/10Gb

X620-8t-2x
8 x 100Mb/1Gb/10GBASE-T + 2 x SFP+ 100Mb/1Gb/10Gb

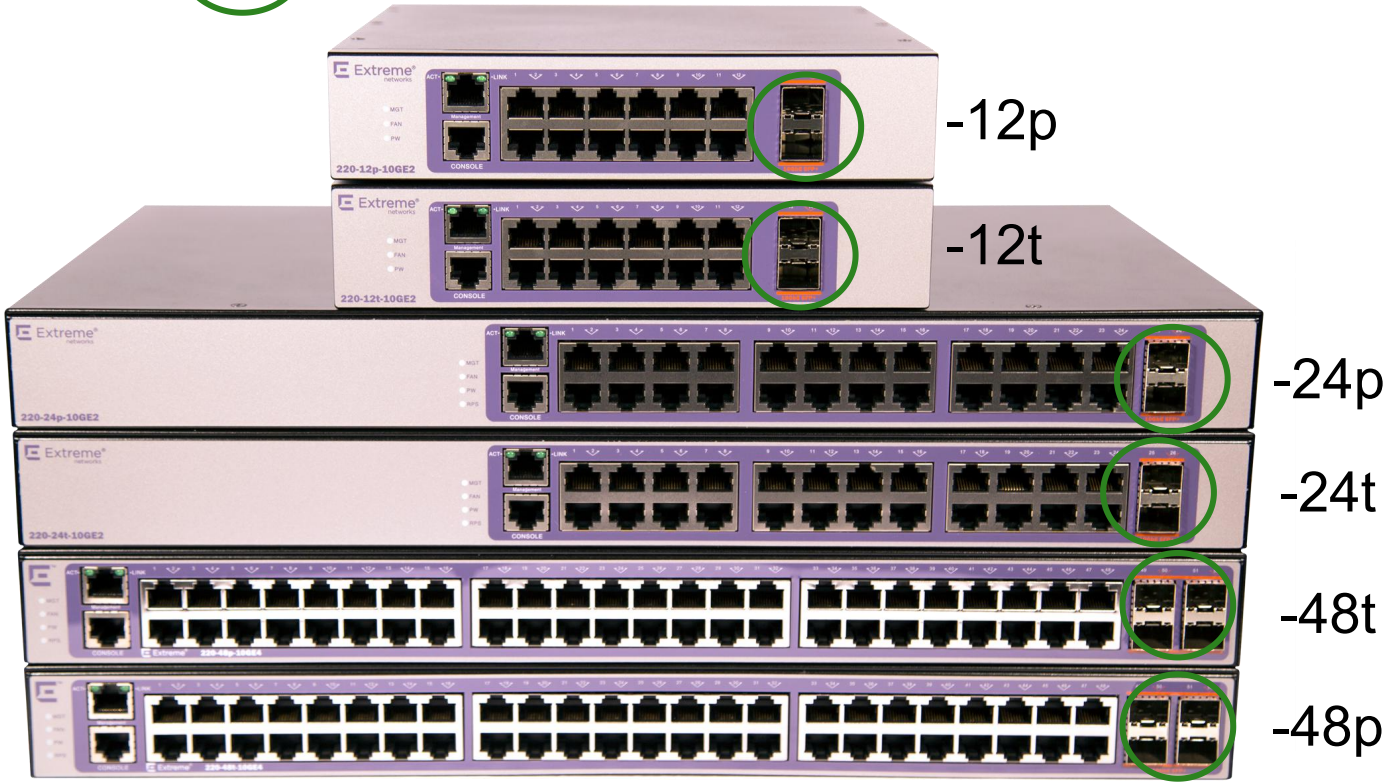
X620-16t
12x100Mb/1Gb/10GBASE-T & 4 combo x 1Gb10GBASE-T / SFP+

X620-16x
16 x 100Mb/1Gb/10Gb SFP+

- 面向小型数据中心和企业用户的入门级万兆交换机
- 16 端口和10 端口万兆光口和万兆电口多款型号
- 支持20G交换机堆叠

管理网交换机：200系列高性价比千兆交换机

- 2个或4个SFP+ (万兆) 上行端口



SLX 9850 数据中心核心交换机

- 为大型云数据中心设计的超大容量和可扩展性
- 交换容量230Tbps
- 支持288个100G端口/480个40G端口/1920个10G端口
- 超深数据包缓冲区确保可预测的流量行为：最大36GB数据包缓存/模块
- 嵌入式的网络流量可视化组件

Future Proofing with Extreme SLX 9850

Next generation Broadcom merchant Silicon

- Greater Density

Competition (Arista/Juniper/Cisco)

144x10GbE } 1 RU

36x40GbE

36x100GbE

✓ 66% greater density per line card

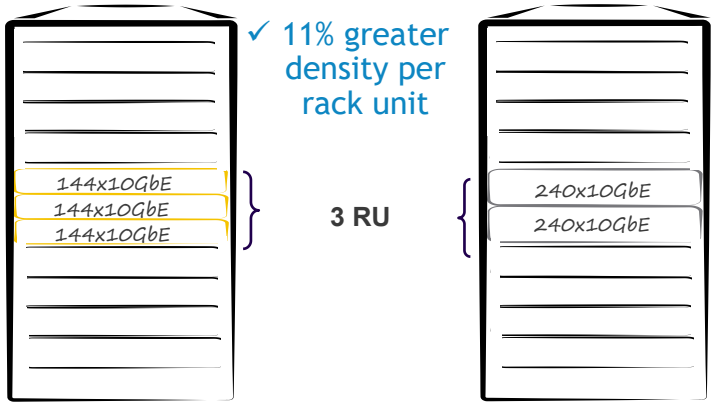
Extreme SLX 9850

1.5 RU { 240x10GbE

60x40GbE

36x100GbE[1]

✓ 33% lower power per 10G and 40G port



✓ 11% greater density per rack unit

- Eliminate Forklift Upgrades

Midplane-less design enables interface module and switch fabric direct connect

✓ Open airflow

✓ Higher performance

✓ 50% greater power capacity

✓ Future-ready thermal and cooling with 1.5 RU

Extreme SLX 9850 Interface Modules

Next generation Broadcom merchant Silicon

Mix-and-match port speed flexibility across chassis platfo

Flex Speed 36-port 100GbE

Highly scalable 10/40/100 GbE density

- ✓ Industry leading flexibility for customer mixed speed deployments
- ✓ Forward looking silicon design maximizes 100GbE[1] capacity per interface module
- ✓ Space and cooling design 400 GbE ready
- ✓ Available in Data Center (-D) Core Router and MPLS (-M) Edge Router versions
- ✓ Scales to 480 40GbE or 100GbE[1] server ports per chassis or 1920 10GbE ports for ultimate density

Dual Speed 72-port 10GbE

Cost-effective entry point for 1/10GbE density

- ✓ Available in Data Center (-D) Core Router and MPLS (-M) Edge Router versions
- ✓ Scales to 576 10GbE server ports per chassis

SLX 9240/9140 数据中心架顶式交换机

- 可编程 ASIC 保证新技术和新协议的支持
- 高密度 100 GbE spine-leaf 连接
- 非拆分的 25 GbE 服务器端口支持
- 高性能 VXLAN 路由
- 嵌入式的网络流量可视化组件

Brocade SLX 9240
32×100 GbE

Brocade SLX 9140
48×25 GbE and 6×100 GbE

Adaptable fixed-form switches to address ever-evolving enterprise and cloud data center demands

SLX 9540 数据中心边界路由器

- 支持48个10G端口和6个100G端口
- 业界领先的6GB超深数据包缓冲区保证突发流量的处理和转发
- 支持多种运营级功能和协议：MPLS, VXLAN, Openflow …

Brocade SLX 9540
48×10 GbE and 6×100/40 GbE

Cost-effective density and performance versatility for digital-era data center interconnect, WAN edge, and internet exchange connectivity