Optimizing Oracle Service Oriented Architectures with 10Gb Ethernet

Designing The Network Infrastructure For Applications Scaling With Oracle®

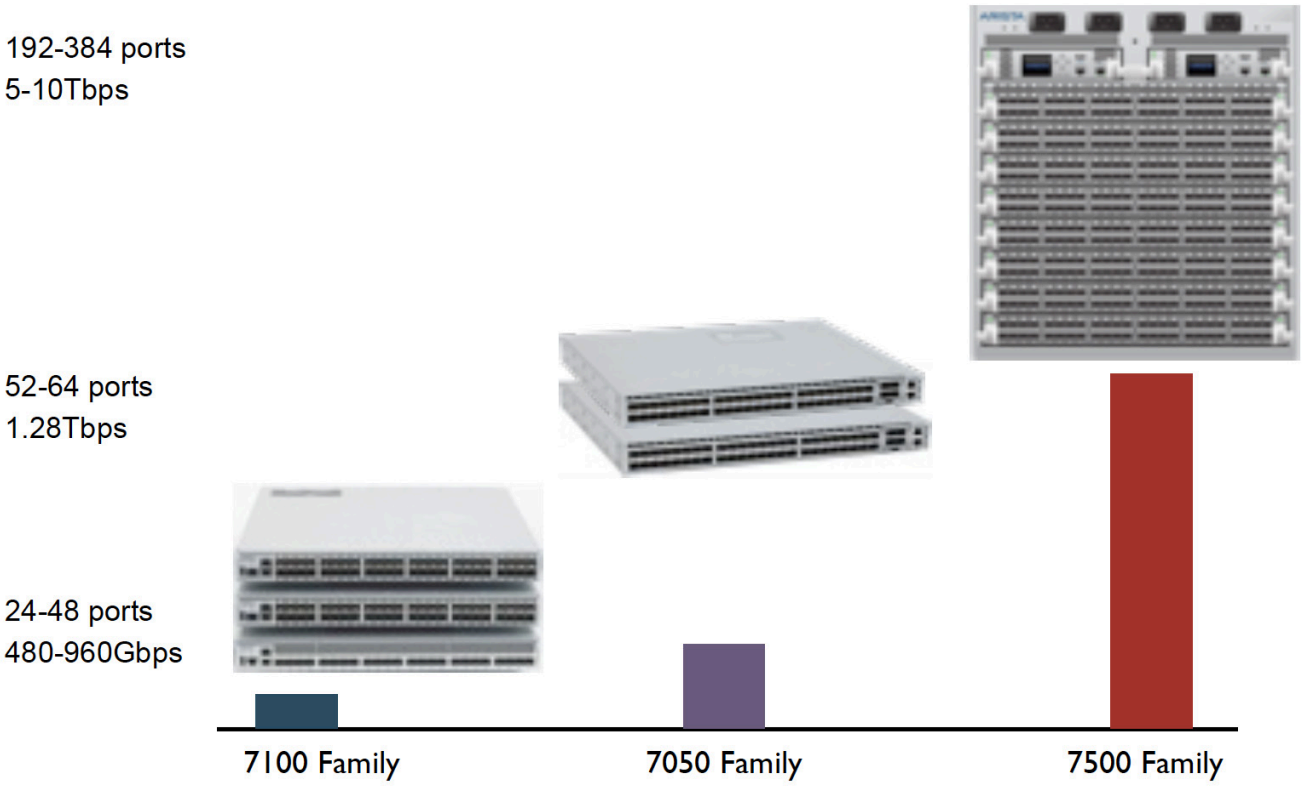
Raising The Bar For Service Oriented Architectures

Oracle SOA provides price performance and scaling advantages that deliver more application processing power and services more economically. Multiple user groups take advantage of the virtualization capabilities in Fusion® Middleware running on Exalogic® clusters. SOA delivers combined performance advantages while also providing application security, data containment and high availability.

To ensure users can fully leverage the virtualized data center, the data center network must deliver the same scalable high performance, virtualization, and reliability to its users. The data center network must deliver wire speed low latency, non-blocking switched connectivity and reliability so users can access their applications without any chance of degradation or disruption.

Arista Networks Ensures SOA Performance And Reliability

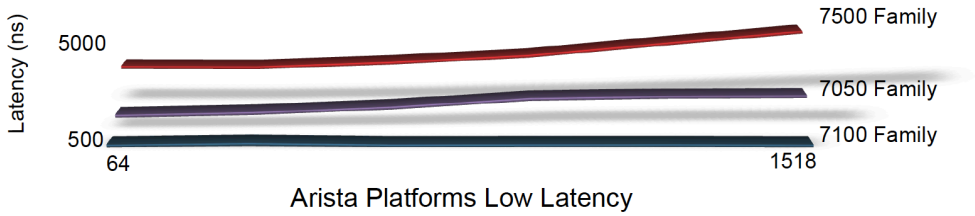
Using the Infiniband gateways in Exalogic systems, managers can configure up to over 32 10Gb interfaces to provide fault tolerant connectivity to virtualized applications running on the cluster. Arista Data Center switches offer a variety of wire speed non-blocking connectivity options to meet any scale SOA implemented or anticipated in the data center. With product options ranging from 24 to 384 wire speed 10Gb ports, Arista Networks' family of data center switches provides scalability options that let network administrators fulfill applications SLA requirements.



World's Lowest Latency Ethernet Switching Solution

State of the art switching hardware also delivers the industry's lowest latency for time critical business applications. Arista platforms break the latency barrier, providing as low as 500 nanoseconds latency for Layer 2, 3 and 4 switching. Combining the industry's leading low latency switching with routing, traffic management and high availability features in Arista's EOS ensures fast and reliable application performance.

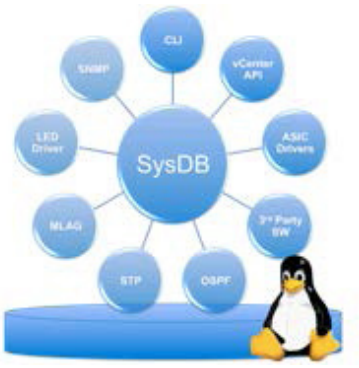
Arista's switching portfolio delivers the best bandwidth and performance in the industry. Whether the application be algorithmic trading or large scale data analytics, there's an Arista switch the fulfills your scale and bandwidth needs.



Arista Platforms Low Latency

Arista's Extensible Operating System: Reliable, Feature Rich And Extensible

Controlling Arista's hardware is the Extensible Operating System (EOS), a linux based switch OS which offers powerful industry standard switching and routing functionality. Supporting standard bridging and routing protocols used in the virtualized data center ensures interoperability and openness. Industry standard management agents and CLI simplifies integration with existing data center management systems.

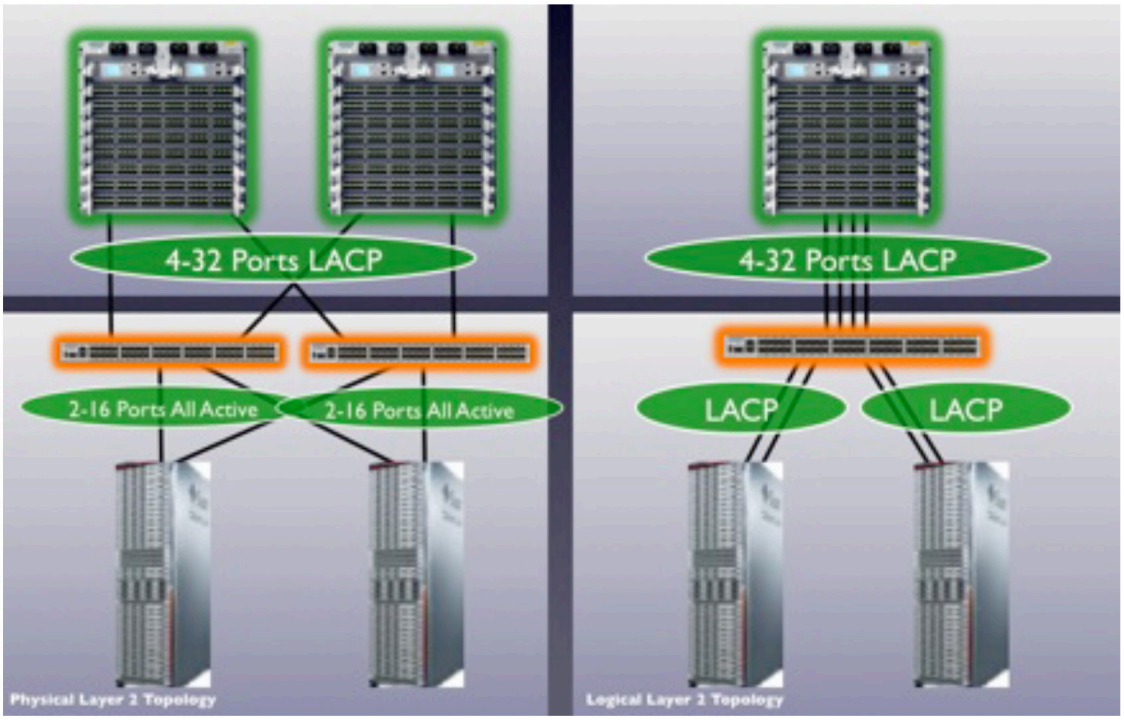


The Linux underpinnings of the EOS opens the platform to management and applications customizations to optimize the data center network's operation. The switch kernel supports virtualization so add-on network applications can improve network functionality without compromising reliability.

The EOS is a modular system supporting stateful fault containment of switch's features. No switch function can compromise its operation. Its modularity also allows in service software updates (ISSU) of switch components so maintenance can occur without needing to schedule downtime.

Engineered Reliability And Economy

Arista data center switches are designed from the ground up for reliable, economical data center operations. Providing the industry's leading port density and power efficiency conserves data center resources for additional compute and storage systems. Incorporating the latest in technology along with redundant power systems and redundant reversible cooling raises reliability into the decades.



Scalable Multi-path layer 2/3 bonding for active-active application access

Arista Networks: The Scalable Data Center Network For Oracle SOA

Arista switches deliver the low latency wire speed performance to improve responsiveness of server based applications. Arista's hardware and network based HA features provide active-active network availability to complement Oracle's own HA services such as Real Application Clusters (RAC). Arista EOS implements industry standard services to ensure interoperability and management integration to enhance the data center network. Lastly, its leading performance is equalled by its high efficiency, density and economy making Arista switches the logical choice for networking Exalogic systems in the data center.

Santa Clara—Corporate Headquarters
5453 Great America Parkway,
Santa Clara, CA 95054

Phone: +1-408-547-5500
Fax: +1-408-538-8920
Email: info@arista.com

Ireland—International Headquarters
3130 Atlantic Avenue
Westpark Business Campus
Shannon, Co. Clare
Ireland

Vancouver—R&D Office
9200 Glenlyon Pkwy, Unit 300
Burnaby, British Columbia
Canada V5J 5J8

San Francisco—R&D and Sales Office 1390
Market Street, Suite 800
San Francisco, CA 94102

India—R&D Office
Global Tech Park, Tower A & B, 11th Floor
Marathahalli Outer Ring Road
Devarabeesanahalli Village, Varthur Hobli
Bangalore, India 560103

Singapore—APAC Administrative Office
9 Temasek Boulevard
#29-01, Suntec Tower Two
Singapore 038989

Nashua—R&D Office
10 Tara Boulevard
Nashua, NH 03062