



Achieve lightning-fast networking agility

HP Converged Architecture with Arista

HP Converged Architecture with Arista: the perfect choice for high-performance agile networking—required for virtualized infrastructure, mobility, and Big Data—enables speed, simplicity, and efficiency in your data center.



Proven

Best-in-class compute, networking, and storage provide world-leading performance and functionality, while enabling you to keep the component brand standards you've chosen, delivering greater consistency and control.

Flexible

Pre-tested, validated reference architectures—enabling fast, predictable outcomes, while preserving choice. Solutions are delivered by certified partners you know and trust, and they are configured to meet your specific workload demands.

Efficient

Achieve unprecedented agility with virtualization platform integration for VMware, Microsoft, and OpenStack® environments. Simplify IT operations with leading management and support.

Conventional IT today...

...converged IT tomorrow

Conventional IT is a proven approach for service deployment. But designing, building, and managing a conventional IT environment that can meet today's dynamic business needs can be labor-intensive and loaded with risk, complexity, and high costs. In addition, conventional IT siloes can't deliver the agility you need to succeed in today's rapidly evolving marketplace.

More customers are moving away from conventional IT and stepping up to convergence. HP and Arista help you make this important transformational move by delivering HP Converged Architecture with Arista.

Simplified path to convergence

By combining the world's leading servers and storage with high-performance networking options, HP Converged Architecture with Arista is a flexible, scalable, tested, and fully integrated offering that simplifies your path to convergence.

Optimized to support high-performance, highly virtualized workloads that generate heavy network traffic and require large bandwidth, this open, world-class, cloud-ready system offers significant business benefits, such as:

- Investment protection, by leveraging your current investment in HP and Arista infrastructures as you move forward with convergence.
- Flexibility to modify the suggested configuration to meet your unique needs; choose the right-fit open infrastructure components to reduce your total cost of ownership.
- Agility provided by cloud networking integration with the leading virtualization, Big Data, and mobility software architectures.
- Strong system monitoring—servers, storage, and networking—made possible through integration with HP OneView; benefit from 66 percent problem resolution with the HP Proactive Insight Experience.¹

¹ IDC white paper sponsored by HP and Intel®, "The Business Value of the HP Proactive Insight Experience," Doc# 239199, March 2013.

Why choose an HP Verified Reference Architecture?

Accelerated time-to-value

When you choose an HP Verified Reference Architecture (RA), you receive the confidence of deploying a validated, customized solution based on in-lab engineering, workload optimization, and validation of component interoperability. Each HP Verified RA provides configuration guidelines, sizing, bill of material, and deployment details, helping to simplify processes and infrastructure, reduce the cost and risk of infrastructure deployment, and accelerate your time to value.

Verified RAs capture best practices and guide solution design for enabling the business outcomes you want—including the ability to adapt more quickly to changing markets and customer needs.

The workload-based HP Converged Architecture with Arista includes hardware and software components from HP, Arista, and other trusted HP partners. HP solution architects and channel partners can use this RA to quickly deliver customized solutions in a consistent, repeatable manner. Each RA is backed by collaborative vendor support, so you receive the assistance you need, when you need it, from people you trust.

²IDC white paper sponsored by HP, “Business Value of Blade Infrastructures,” Doc# 227508R2, December 2012.

Our solution partners

ARISTA



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Proven solution

Driving predictable outcomes

When it comes to building your high-performance IT environment, you want the confidence of using an industry-leading solution, as well as the flexibility to change with your evolving requirements. Get what you want with HP Converged Architecture with Arista—leveraging proven performance, reliability, and flexibility.

- **Arista Cloud Networking**—Highly efficient and top-performing 10/40/100 Gb Ethernet switches; offering native support for VMware, virtualization and hundreds of Linux applications; designed to meet the stringent management, power, and cooling requirements of today’s most demanding data centers.
- **HP BladeSystem c7000 with HP ProLiant Gen9 Server Blades**—Helping you lower data center costs by up to 68 percent² by converging compute, storage, network, management, and virtualization into one federated and automated infrastructure. With HP BladeSystem and the powerful HP OneView converged management platform, you’ll streamline and accelerate every step of IT operations—from client to cloud.
- **HP ProLiant Gen9 servers for management**—These 1U/2P servers combine high performance, low-energy consumption, improved uptime, and increased density to support your most demanding dynamic computing workloads.
- **HP 3PAR StoreServ storage**—Flash-optimized Tier 1 storage for the New Style of Business. This award-winning platform delivers the critical capabilities you need for virtualization, online transaction processing (OLTP), mid-range affordability, all-flash performance, and enterprise scale.

HP and Arista—working together for you

- Partnering to create pre-tested, pre-validated solutions to simplify solution ordering, deployment, management, and support for your converged infrastructure.
- Delivering solutions based on a flexible, scalable architecture that can address a broad set of high-performance, low-latency workloads and easily interoperate with your existing environment.
- Offering a portfolio of jointly developed, validated RAs for your enterprise workloads.
- Leveraging industry-leading technologies built into HP servers, storage, and management and Arista networking.
- Following simplified collaborative support and lifecycle management models.
- Tapping into the expertise of an extensive channel partner community to help you install and deploy the right solution for your organization.

Take the next step

Call your HP or Arista representative today. Discover how your organization can benefit from a converged high-performance, low-latency networking solution that protects your investment in HP and Arista infrastructure. Find out how HP Converged Architecture with Arista delivers openness and choice of the right compute, storage, and networking to meet your workload demands.

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