Solution brief

Hyper-converge your IaaS and mixed workloads

HP ConvergedSystem 200–HC EVO:RAIL
Simply the fastest way to deploy and manage your VMware®-based virtual infrastructure. All the hardware, storage, software, and services you need—preconfigured, pre-installed, ready to run, and designed to scale.

Why HP and VMware for EVO:RAIL?

• You will receive support for the complete solution from one source—HP.
• You can order the solution using a single SKU.
• HP has more than 1,200 certified VMware professionals.
• HP operates one of the largest global VMware Authorized Training Centers.
• HP has the number one share of worldwide new server shipments.
• HP has more qualified server, storage, and networking solutions than any other IT vendor.
• HP is the number one vendor for virtualization based on VMware.
• HP and VMware are the market leaders in end-to-end virtualization.

IT evolution continues

You are under pressure to define a short- and long-term strategy—a strategy that can deliver value today, is architected to address new and emerging workloads, and is sized correctly to meet your long-term needs. This strategy needs to be agile to change as your business evolves over time.

Conventional approaches to IT are not designed to deliver on the new business outcomes your business needs to thrive and survive. IT is now forced to resolve these new challenges.

If the time is now for your organization to move to a New Style of IT—where the business is powered by IT; driven by cloud, security, Big Data, and mobility; and benefits from lower costs and greater agility, simplicity, and speed—the time is right for HP ConvergedSystem 200–HC EVO:RAIL. This turnkey appliance represents the next step in IT evolution and moving toward an open software-defined data center (SDDC).

What’s the key to this system’s success? Hyper-converged infrastructure—which defines a new IT infrastructure delivery and consumption model that leverages the power of software-defined technology to tightly integrate end-to-end compute, network, storage, and management resources. The result—quick deployment, faster responses to business demands, simplified infrastructure administration, and reduced operating costs.

Why HP ConvergedSystem 200–EVO:RAIL?

When you choose this offering, you benefit from a hyper-converged system that is:

• Simple—Includes everything you need in one complete appliance for hosting your virtual workloads and enabling you to manage your virtual VMware infrastructure onsite and across multiple sites.

• Agile—The open and modular architecture helps you move into new markets and support business expansion; linear scaling of compute and capacity handles changing workloads, new demands, and new locations.

• Fast—VMware EVO:RAIL is preconfigured, so you can be up in just 15 minutes, and it’s quick and simple to add additional appliances to an existing cluster, too.
The beauty of converged management

One of the critical components of any hyper-converged system is management. And with HP ConvergedSystem 200–HC EVO:RAIL, you benefit from not only converged management, but also automated management. VMware EVO:RAIL management software:

• Provides a dashboard to view all virtual machines (VMs) and arrange them with sorting and filtering. Users create VMs with only a few clicks to select the guest OS, VM size, VLAN, and security options.
• Simplifies VM sizing by offering single-click small, medium, and large configurations.
• Revolutionizes live compute management with health monitors for CPU, memory, storage, and VM usage for entire EVO:RAIL clusters, individual appliances, and individual nodes.
• Streamlines log collection and licensing, and offers global language choices; it also provides notifications and tracks tasks.
• Radically simplifies scale-out; increasing compute, networking, and storage resources is as easy as powering up a new appliance to join an existing EVO:RAIL cluster.
• Automatically distributes the configuration to seamlessly add new appliances with no additional configuration changes.
• Streamlines log collection (LogInsight) and allows users to check for vCenter, ESXi, and EVO:RAIL software upgrades; EVO:RAIL downloads and installs any patches for these VMware products. With a minimum of four independent ESXi hosts in an EVO:RAIL cluster, updates are non-disruptive and require no downtime.

Working together for you

For more than 14 years, HP and VMware have been delivering the industry’s most complete portfolio of tightly integrated and jointly engineered systems—spanning from the desktop and device to the data center, cloud, and now to hyper-convergence. When you choose a standards-based solution from HP and VMware, your business benefits from:

• Faster application deployment
• Greatly improved performance
• Streamlined operations made possible through automation
• An innovative IT that’s easier to manage and less costly to own
• A better user experience, giving users the fast response times and continuous availability they need to do their jobs

Ready to hyper-converge?

The time is now to address the limitations of a siloed data center infrastructure—enabling your organization to better handle changing workloads and accommodate new business. The time is now for hyper-converged infrastructure, made possible by HP ConvergedSystem 200–HC EVO:RAIL.

Call your HP or VMware representative to get started on your journey to hyper-converged infrastructure today.

Learn more at
hp.com/go/convergedsystem
vmware.com/products/evorail

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