



Protect more data, more efficiently

Data protection reference architectures for HPE Hyper Converged Systems

Protect and access data with faster response times and simplified management

Data protection challenges

-  • **Backup**—Too much data, too little time to back it up
-  • **Restore**—Ensuring the business is back and running fast
-  • **Remote/branch office**—Lots of data, too little protection
-  • **Disaster recovery**—Bandwidth is expensive and time is at a premium



Protect your digital enterprise **HPE Hyper Converged Systems**

In the idea economy, you need to proactively protect data across any location or device. But when it comes to data protection, the amount of storage space required can result in slow backup and recovery times that don't meet service-level agreement (SLA) requirements.

You can drive resilience and business continuity across your IT environments, systems, and applications using data protection reference architectures (RAs) from Hewlett Packard Enterprise.

As the basis of your solution, the simple, agile, and highly available HPE Hyper Converged System family, powered by Intel®, eliminates complex solution stacks and enables a standardized, appliance-driven approach. This approach gives you:

Fast deployment—With a turnkey architectural design, you can install HPE Hyper Converged Systems using downloadable user and installation guides, provided your team has the needed skill sets, particularly in networking. For an enhanced customer installation experience, services can be provided by HPE or authorized HPE Channel Partners.

Solution brief

Speed time-to-value for your BURA solution

- Cut deployment time with tested and validated HPE reference architectures, providing the fastest path to data protection for your virtualized environment.
- HPE Hyper Converged Systems are designed from the ground up to simplify deployment of virtual infrastructure using an appliance-driven model.
- The HPE OneView InstantOn startup tool enables complete deployment of virtualized compute and storage infrastructure in under 15 minutes.

Linear scalability—If you're facing unpredictable growth, hyper-convergence has got you covered. The systems scale out in a linear manner—just add another system and seamlessly add new nodes to a common cluster. The hyper-converged system automatically discovers and adds new nodes to the cluster, delivering additional compute and storage resources with the addition of each new module.

Straightforward management—With all components integrated in a simple chassis with common management, there is no need for a team of specialists with expertise in virtualization, storage, servers, and networking. Compared to systems that require a lot of discrete components, the simplified nature of hyper converged systems can help you reduce capital and operational expenses. Everything is now in one easily-managed, easily-serviceable, small-footprint box that helps you pack more computing and storage capacity into valuable data center space. Even better, a single vendor can support the entire system—including both hardware and software.

Backup, Recovery, and Archive (BURA) reference architectures for HPE Hyper Converged System

Tested and proven RAs built on HPE Hyper Converged Systems give you the power to select the hypervisor and data protection strategy that makes the most sense for your business. And you can deploy with confidence, using validated configurations from Hewlett Packard Enterprise, VMware®, Microsoft®, and Veeam.

For Hyper Converged Platforms we have solutions from Veeam and VM explorer and we will continue to expand this portfolio in future. Veeam, and HPE VM Explorer.

Remote office/branch office data protection solutions based on HPE Hyper Converged Systems support data protection using Veeam and HPE VM Explorer. Remote locations can also replicate back to the primary data center or the disaster recovery site, depending on the customer requirements. HPE Recovery Manager Central will soon be an option for this reference architecture as well.

HPE VM Explorer is a low-cost, easy-to-use, and reliable backup solution offering fast and granular restore, replication, and verification of VMs in VMware vSphere® and Microsoft Hyper-V environments.

Hewlett Packard Enterprise is also working on high availability and disaster recovery solutions with our Hyper Converged Systems, to bring you a full complement of data protection solutions in a hyper-converged package. Visit the **HPE catalog** to get the latest reference architectures for backup and recovery.

Veeam Backup & Replication provides fast, flexible, and reliable recovery of virtualized applications and data in VMware vSphere virtual environments.

Our solution partner



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**An Authorized
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