

Accelerate your results

HPE Helion Managed Virtual Private Cloud

Insights

- Budget constraints can prevent you from moving forward with new IT services.
- Cloud offers a new way—pay for what you need, when you need it.
- Plan for your future by ensuring access to the latest technology—multiple configurations are available to meet your workload needs.

One way to avoid over investment in rigid, legacy-based IT is a move toward cloud-based services. They encompass highly scalable and flexible IT services that are easily consumed over a network on an as-needed basis. It's more than just hype. It's a realistic and easily implemented way to reduce IT costs and make your technology environment a responsive, agile, service-based system.

Expand on the cloud platform

Hewlett Packard Enterprise can help you get there. HPE Helion Managed Virtual Private Cloud provides you with infrastructure services, without the high cost of owning and managing your own equipment or data center. This multitenant platform is designed and built for the enterprise, so your high-end applications—such as SAP® and Oracle®—can be deployed in a secure cloud environment, providing continuity for production workloads.

In addition, management services for HPE AppSystems for SAP HANA are available, giving clients unprecedented access to real-time data analytics while removing the complexity of redundant data and systems. Using our state-of-the-art Managed Cloud Services, we build a virtual private cloud for you to configure and scale as your business needs evolve. You continue to have access to the latest IT cloud services with us as your partner, whether we manage the environment for you or you manage it yourself.

Get our cloud, your way

- Provision additional IT resources on demand after you're initially set up and ready to consume
- Scale the infrastructure up or down across multiple configurations
- Reduce capital outlay for infrastructure investments
- Have peace of mind with our hardened security platform
- Transform, modernize, and manage with our end-to-end services
- Enjoy a service-level agreement maintained by HPE at the environment level of 99.0 percent to 99.999 percent availability, depending on service configuration
- Leverage the benefits of our automation, economies of scale, and global best practices
- Select the right base and optional service features so you can build the best solution for your business

Meet your workload needs—securely

HPE Helion Managed Virtual Private Cloud is one of the only cloud platforms that is physically and virtually hardened against attacks and viruses. This layer of insulation protects our clients from severe outages and data loss.

We keep businesses secure in our cloud through dedicated compartments and VLANs.

That way, we can help keep your environment safe from outside viruses or susceptibility to hacking or frequent outages. We use the latest hardware, technology, and software while providing industry-leading services to bring you one of the best and most secure cloud platforms on which to build and expand your IT infrastructure and applications.

Realize new possibilities

HPE Helion Managed Virtual Private Cloud environment offers new possibilities, beyond simply adding new infrastructure:

- Test and develop applications
- Provide support and continuity for production workloads
- Easily modernize applications and host enterprise applications
- Layer other services, such as messaging, collaboration, and mobility on the cloud platform
- Become “brokers” of applications and services

Review key building blocks

Operating system

- Windows®
- Red Hat® Enterprise Linux® operating systems
- SUSE Linux Enterprise
- HP-UX

Physical machine sizes

(Number of CPU cores and GB RAM)

- PM 4x16; PM 8x24; PM 8x64; PM 8x144; PM 16x384; PM 48x512
- HP-UX PM 8x48; HP-UX PM 16x96; HP-UX PM 32x192; HP-UX PM 8x128; HP-UX PM 16x192; HP-UX PM 16x256; HP-UX PM 32x512

Virtual machine sizes

(Number of virtual CPUs and GB RAM)

- Range of multitenant VM sizes 1x2 to 16x128
- Range of client-dedicated VM sizes 1x2 to 16x512

Flexible storage options

- HPE Helion Managed Storage offers a range of workload-optimized storage solutions for HPE Managed Cloud offerings
 - Block storage
 - High Performance
 - Performance
 - Bulk File storage

Connectivity options

- Leveraged Internet bandwidth
- Secured VPN tunnel
- Dedicated circuit
- Network switch as a Service
- Data transport service

Network options

- Multiple VLANs
- Firewall rules
- Internal and public IP addresses
- Host name changes

Portal

You and your staff can use the self-service portal to add, delete, or change services. Authorized users have secure, role-based access. We have refreshed the user interface to make it easier to use, with enhanced online technical support, online reporting and billing, and more.

Read about new features

A sample of our new features includes:

Compute

- New servers and OS options
- OS builds to support SAP
- Windows and Linux failover clustering and client-dedicated host options
- Microsoft® Hyper-V support
- Virtual appliance support

Backup and recovery and archive services

- Online file system backup
- Online database backup options: SAP, SharePoint, Oracle, SQL, Sybase, MaxDB, Exchange and DB2
- Flexible data backup retention periods
- Archival options: long term data retention on off-site encrypted tapes

Continuity services

- Tape-based disaster recovery (Tier 1)
- Replication-based disaster recovery (Tier 2)

Server and network security

- Hypervisor hardening
- CSA STAR assessment report
- Active directory infrastructure integration

SAP as a Service

- SAP application
- SAP HANA Management Services

Database as a Service

- Oracle and SQL server
- Sybase and MaxDB

Work with the best

We bring more than 50 years of infrastructure technology services experience and extensive modernization expertise. HPE knows how to manage and integrate the most complex IT environments. This simplifies cloud transition for you.

We work collaboratively to help you understand and select the best cloud services to meet your business challenges. We provide the ideas, business processes, people, and technology to focus your investments on your desired results.

HPE is the only provider that owns and develops a complete set of services, software, and hardware to manage the cloud environment. This leverages our global capabilities, open technology, and the use of best-in-class HPE software and hardware, which can accommodate mission-critical workloads.

We provide hardened security already integrated as reported in our CSA Star Report and auditing and reporting capabilities to easily comply with Sarbanes-Oxley, ISE, ISAE 3402/SSAE 16, FISMA and FedRAMP (Moderate), SOC2 and SOC3, and other regulations.

Learn more at
[**hp.com/enterprise/cloud**](http://hp.com/enterprise/cloud)



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