

At-a-glance

Accelerate your results

HP Helion Managed Virtual Private Cloud

Secure the future for your business—multitenant cloud solution that HP can manage for you or you can manage on your own.



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.

One way to avoid overinvestment 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

HP can help you get there. HP 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 multi-tenant platform is designed and built for the enterprise, so your high-end applications like SAP and Oracle can be deployed in a secure cloud environment providing continuity for production workloads. In addition, management services for HP 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 Converged 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.

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 within a chosen range

- 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 HP at the environment level of 99.0% to 99.999% 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

Secure cloud

HP 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 converged cloud platforms on which to build and expand your IT infrastructure and applications.

Realize new possibilities

HP 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, like 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
- 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)

- VM 1x2; VM 1x16; VM 2x4; VM 2x16; VM 4x8; VM 4x32; VM 8x16; VM 8x32; VM 8x64

Flexible SAN storage options

- Provision SAN storage in blocks from 5GB to 2TB
- High performance (RAID 1) with replication
- High performance (RAID 1)
- Performance (RAID 5) with replication
- Performance (RAID 5)

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 on-line technical support, on-line reporting and billing, and more.

Read about new features

Our features continue to expand; a sample of new features includes:

Compute

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

Backup and recovery and archive services

- Online file system backup
- Application and database backup options: SAP, SharePoint Oracle, SQL, Sybase, MaxDB, DB2
- Archival Services

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. HP 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.

HP is the only provider who 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 HP 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, PCI, ISE, ISAE 3402 / SSAE 16, FISMA and FedRAMP (Moderate), and other regulations.

Learn more at

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