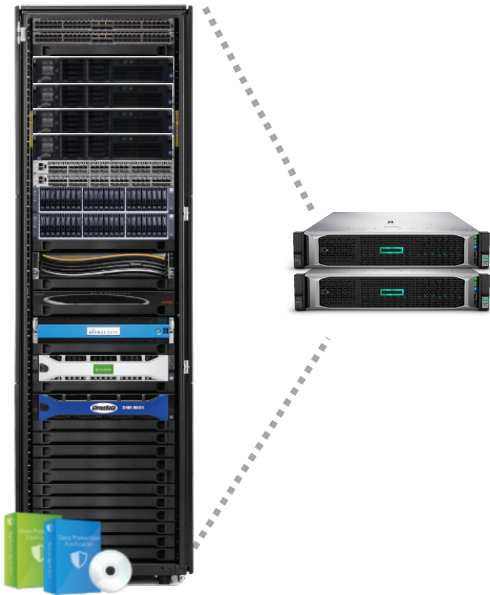**Hewlett Packard Enterprise**
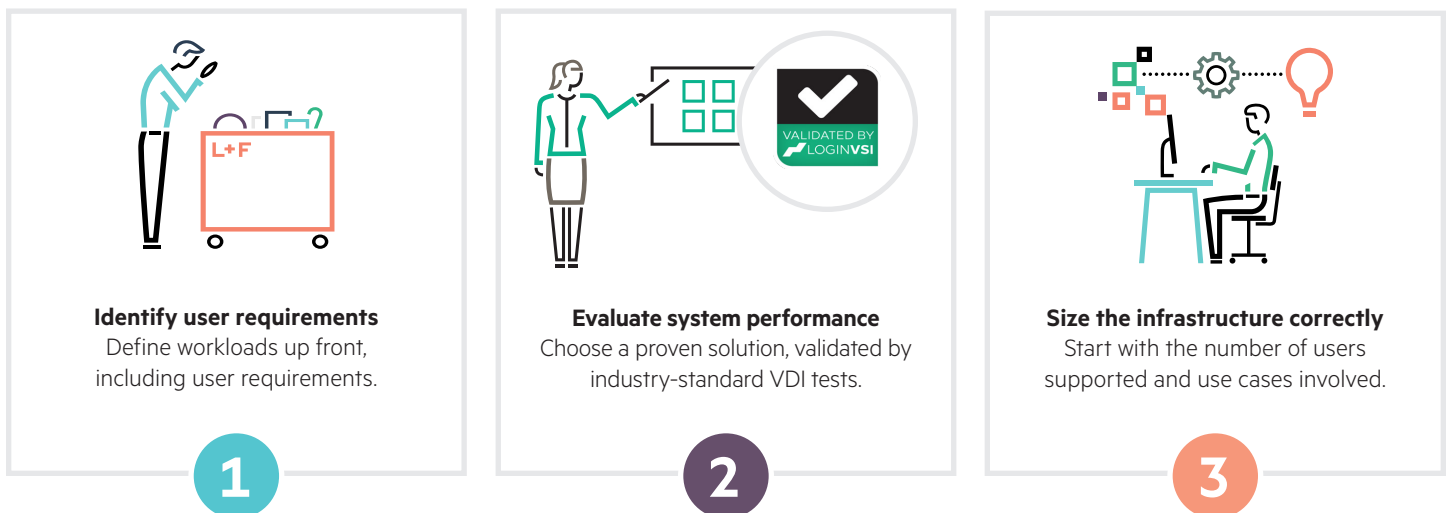
Hyperconverged Infrastructure for VDI

In virtual desktop infrastructure (VDI), multiple desktops are hosted in virtual machines on centralized servers in the data center. Sometimes called client virtualization, VDI can improve data mobility, provide greater control, and increase efficiency.

Hyperconverged infrastructure (HCI) is fast, simple, and efficient, which makes it a good fit for VDI.

- HCI consolidates multiple functions into a single server building block, making it easy to deploy and operate.

- Users can start with a few nodes. As the business grows, more hyperconverged building blocks can be added to scale out the system.

- **HPE SimpliVity** includes built-in data protection, and VM-centric management to simplify day-to-day operations.

How to choose an HCI solution that's right for you

Follow these steps up front to provide the best VDI experience for your end users.

Identify user requirements
Define workloads up front, including user requirements.

1

Evaluate system performance
Choose a proven solution, validated by industry-standard VDI tests.

2

Size the infrastructure correctly
Start with the number of users supported and use cases involved.

3

HPE SimpliVity for VDI

- Excellent desktop performance with or without hardware acceleration

- More desktops on less hardware reduce capital expenditure (CAPEX) and operational expenditure (OPEX)

- Linear scaling in affordable increments—from pilot to production

- Built-in data protection for client virtualization server workloads

- No single points of failure—resiliency to withstand component failure without VM downtime and node failure with no loss of data

HPE SimpliVity 2600

HPE SimpliVity 2600 is a rack dense hyperconverged solution, designed for businesses that have limited physical space and those that rely on co-location sites for VDI. A good fit for graphics-intensive environments, each HPE SimpliVity 2600 node supports up to two GPUs.

Oil & Gas

Offshore platforms and remote drilling sites

State, Local Government, Education (SLED)

Computer labs and offices

Businesses with co-location sites

Organizations that pay for rack space in urban co-location centers

Retail

Chain stores and franchises that need central data management

HPE SimpliVity 380

Businesses with heavy storage or compute workloads, or persistent desktops that maintain large amounts of user data can keep VDI costs down and management simple with HPE SimpliVity 380.

Architectural or Engineering

Blueprints kept on local VDI VMs at the construction site

Automotive

CAD files maintained at factory equipment for duration of manufacturing

Remote offices

User data maintained locally, managed centrally

Research (genomics, fluid dynamics)

Very large files with low latency processing over the duration of a project

See how HPE SimpliVity works

Visit our website to discover how simple hyperconverged infrastructure can be. Learn about HPE SimpliVity features, including built-in data protection and always-on dedupe and compression. Get access to demos, webinars, technical white papers, best practice guides, and the **HPE SimpliVity client virtualization planning guide**.

Learn more at
hpe.com/simplivity

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