HPE GreenLake

Modernize.
Accelerate.
Virtualize.

HPE ProLiant with VMware vSphere® Distributed Services Engine™

Learn more

The definitive answer to modernizing and accelerating virtual infrastructure

The What

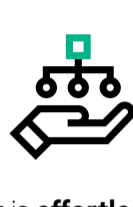It is the **next evolution** in enabling virtualized infrastructure

It delivers both **agility and efficiency** for on-premises workloads

Pre-optimized solution, **easy to buy, easy to deploy**

It is **effortless management** of apps, workloads, and data at the edge

The Why

The world's **most secure** industry-standard server
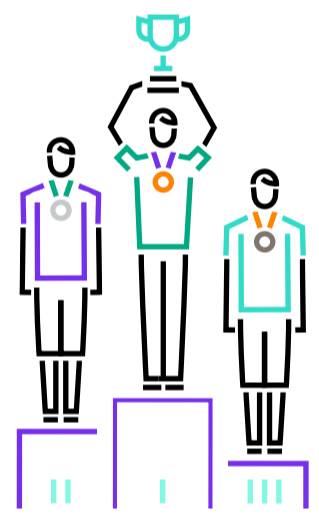
Reliable and scalable security and performance

Transformed data-center **performance**

Combined expertise of HPE and VMware

1 → Performance: Boosted

Supercharge your enterprise workload performance and efficiency. Accelerate your virtualized infrastructure. Boost performance of virtualized workloads with distributed infrastructure services.

- Offload NSX networking and native vSphere networking services from your CPU to your DPU
- Workload consolidation delivers power savings and lowers TCO
- Integrated DPU lifecycle management through existing tools and workflows
- VMware vSphere 8 supports the installation of ESXi on your DPU and CPU

2 → Ease of use: Enhanced

Easy to buy. Easy to deploy. Easy to own. HPE ProLiant with VMware vSphere® Distributed Services Engine™ offers three pre-optimized solutions for popular workloads, such as Edge, VDI and Data Modernization.

- Workload-optimized configurations installed on premises
- Worry-free, flexible and turnkey solutions that can package hardware and software in a convenient per-unit model
- Pre-optimized appliance SKUs allow customers to choose from three different sizes across Edge, Virtual Desktop (VDI) and Data Management (Database), and to adjust these for cost targets, depending on the number of VMs and memory needed to meet workload expectations
- Pre-installation of VMware software stack (ESXi) and HPE IP automated deployment capabilities to stand up a cluster

3 → Flexibility: Embedded

HPE GreenLake introduces the speed and flexibility of a cloud-operating model that transforms scalability, demand, and business expectations. Flexibility comes standard with a future-ready solution that can accommodate evolving workloads in the future.

- Ensure peak performance of multi-gen IT through sustainable asset management solutions
- Manage virtualized and containerized workloads at the edge to transform workload flexibility
- HPE's flexible approach to SDI and software-defined technologies gives you the advantage of evolving your infrastructure and applications at your pace

4 → Security: World Leading

The world's most secure industry-standard server. Continuous protection with Zero Trust from silicon to cloud. Uncompromised security throughout every part of the HPE ProLiant with VMware vSphere® Distributed Services Engine™.

- An uncompromised and trusted supply chain that acts as your first line of defense against cyberattackers
- Protect against ransomware with fast, reliable recovery, backup, and a cost-effective archive with HPE data-protection solutions
- Secure your competitive edge with the technology you need
- Software isolation and Zero Trust security ensure host functions are isolated by offloading them onto software-defined DPU
- Security is strengthened via a distributed firewall, in-line encryption and the silicon root of trust protecting each server from firmware and root-based attacks

vmware

Learn more