# Optimize your business and cloud networks for peak application performance.

Dell Cloud On Demand with ScaleCloud

Overcome the performance degradation challenges associated with cloud application delivery with a performance-tuned, high-availability cloud platform.

**Ensure cloud application access and performance**

Cloud applications are easy and fast to deploy. However, the entire cloud infrastructure — application servers, storage and network connectivity — is outside of your control. Unpredictable access or performance of core cloud applications can have a negative impact on your business.

As application performance is a primary consideration when building IT platforms, it's critical to be able to quickly respond to changing demands and business requirements. So, how can you transform the basic connectivity of your access infrastructure into an application- and user-aware resource that effectively connects people with their applications?

To help rapidly transform your infrastructure — without compromising performance or uptime, Dell Services and ScaleMatrix developed ScaleCloud — a performance-tuned, high-availability cloud platform that provides your organization with the scalability and self-service features of cloud. It helps:

- Define your capacity requirements and launch cloud resources on demand
- Respawn virtual machines (VMs) using built-in fault tolerance for maximum uptime
- Dynamically resize instances for maximum flexibility and better cost management
- Customize CPU-to-RAM ratios as required
- Maximize the value of your cloud investment with the ability to choose from a wide variety of tailored, storage performance profiles

## Key features

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| Consumption model: Capacity envelope | Available in 1GHz compute and 1GB RAM increments |
| Hardware | Enterprise server hardware |
| Management interface | VMware Virtual Data Center Manager (VDC) — administrative access |
| Fault tolerance | High availability (HA) clusters within each data center |
| Included cloud management | Hardware, vCloud Director, network, storage availability |
| | Ability to spawn/de-spawn VMs |
| | Ability to assign resources |
| | Ability to import/export VMs |
| | Ability to create/remove templates |
| | Ready-to-use, fully patched templates (Linux/Windows) |
| Licensing — VM | VMware Basic Licensing (ESXi and VDC) |
| Operating system catalog | Windows operating systems, Linux distros |
| Storage tiers | Solid-state drive, real-time input/output, performance (hybrid), archive |
| IP addresses | IPV4 and IPV6 supported |
| Network backplane capacity | 1Gbps IP and management network, 10Gbps SAN network |
| Bandwidth charges | IP network — 1,500GB included |
| | Management network at no additional charge |
| | Storage network at no additional charge |
| ScaleView monitoring | Basic tier with eight monitors included |
| Vshield Edge Firewall | HA clustering, Dynamic Host Configuration Protocol scope, IPsec VPN, load balancing |
| 24x7x365 live support | Top tier support services included at no additional charge |
| Initial setup timeframe | Same day |
| Upgrade timeframe | +/− 15 minutes for additional resources |

### Additional options available

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| Advanced security options | Options include in-depth logging, intrusion detection system, intrusion prevention system, and Secure Sockets Layer virtual private network |
| Managed services | Windows and Linux administration, planning and professional services, security consulting |
| Backup | ScaleAssure Enterprise Backup (self-service or managed) |
| Disaster recovery | ScaleAssure enterprise replication to secondary site with white-glove support |
| Storage options | S3 compatible object storage |
| Bandwidth options | Additional bandwidth available on demand |
| Licensing — other | Microsoft operating systems and applications, RedHat Enterprise Licensing |
| Network options | 10Gbps IP network |
| Monitoring options | ScaleView monitoring tiers (role based, managed or premium) |

**ScaleCloud is a performance-based, distributed cloud platform ideal for supporting production cloud workloads. Guaranteeing 100 percent resource availability, it maximizes the performance of your critical applications.**

**For more information about any of our service offerings, please visit Dell.com/dellcloudondemand or contact a Dell representative.**