



# Virtual Private Cloud



Dell has partnered with Six Degrees Group (6DG), a UK-based enterprise cloud and managed services provider, to deliver an industry-leading private cloud offering powered by Dell technologies.

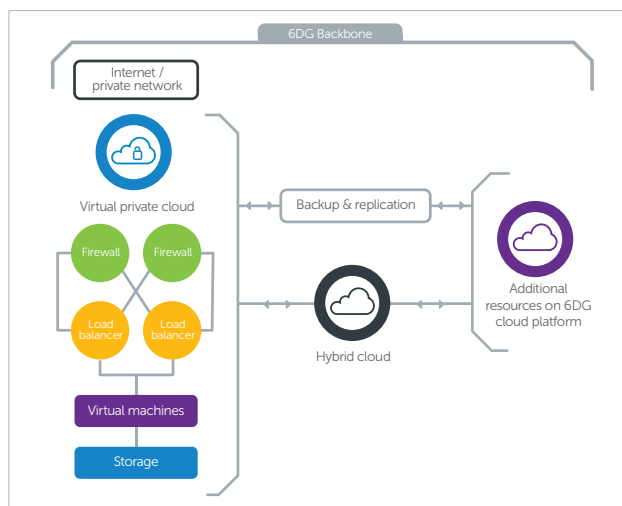
## Why should I choose a private cloud?

A virtual private cloud is an ideal best-of-both worlds for customers looking for the flexibility, elasticity and scalability of public cloud but with the security and resilience of private cloud. If you are looking to move to an opex model for sourcing your compute and storage needs, but wish to retain your own deployment of software delivered securely, then a Virtual Private Cloud is the ideal solution.

Finally, if you have a level of seasonality built into your business model and need to be able to flex and burst resources, you will be able to expand and contract your deployment dynamically thanks to the economies of scale and capacity upside offered by a Virtual Private Cloud deployment.

## How would this be deployed?

The Virtual Private Cloud uses Dell PowerEdge blade servers for compute and EqualLogic SAN for storage to build a highly resilient and scalable Infrastructure as a Service (IaaS) platform. In a multi-tenant set-up, the enabling hardware is shared by all customers. All deployments are configured as "virtual private clouds" meaning that your unique deployment is private, secure, firewalled and load balanced.



Deliver an industry-leading private cloud offering powered by Dell technologies.

## Security built in

The platform itself, unlike Internet-based public clouds, is a "locked down" environment. External parties cannot simply access it via a browser logon; it is accessible only by the individual customers themselves who, in turn, can only access their own environment. Our cloud pods are located within our own datacenters, giving us complete "gate-to-rack" control of the physical environment, and we connect to your offices using our own wide area network.

## Resilience built in

Managed clouds are configured in high availability mode as standard for maximum resilience at the virtual machine level. In addition, all our clouds are backed up on a secondary zone in a geographically diverse region. This means that, in the unlikely event of a major catastrophe in our primary datacenter, your information is safely stored in a secondary facility from where it can be restored.

### How are our solutions different?

We are experienced in building virtual private clouds to meet specific regulatory or compliance requirements and are ISO 27001 and PCI-DSS certified. In addition, we offer government secure cloud platforms secured to CESS IL2 or IL3 accreditation. These highly secure environments are available to both public or private sector customers.

We also design, build, deploy and support Microsoft application environments and unified communications set-ups. In addition, we offer SIP trunking and other voice services as well as converged networks.

	Colocation	Dell Cloud On-Demand	Virtual Private Cloud	Private Cloud
Tenancy	Single-tenant	Multi-tenant	Multi-tenant	Single-tenant
Equipment ownership	Owned	Rented	Rented	Rented
Management	Customer managed	Self service	Managed services	Managed services
Minimum commitment	12 months	1 month	12 months	36 months
Contractual	Fixed contract	Pay-as-you-go/ fixed	Fixed contract	Fixed contract
Billing increments	Monthly	Hourly	Monthly	Monthly
Resilience	Optional extra	No	Backup included	Optional extra

### Why Dell and Six Degrees Group?

The partnership between Dell and 6DG combines two best-in-class providers. Dell is one of the world's leading technology companies and provides the enabling technologies that power our clouds. 6DG owns and operates its own datacenters, data network, voice switches and cloud platforms. Together, we create and deliver converged managed services to some of the most demanding enterprise customers around, tailored to your unique needs and designed with business outcomes and high performance in mind.

### What other services are available?

The below table shows the key benefits of our Virtual Private Cloud offering alongside our other products to help you decide which best meets your requirements.

### Cloud burst

A major benefit of cloud computing is its inherent elasticity. Capacity can be turned up when required – e.g. for a marketing campaign or short-term project – and turned down when no longer needed. Managed cloud environments can be engineered with scalability in mind with the managed service including flexing compute resource.

### Managed back-up

This is a process whereby an organisation regularly (typically daily or twice daily) backs up their data to a cloud storage environment. Snapshots are provided to access historical data. There are also options for long-term archiving. Managed backup can also be delivered as part of a full Disaster Recovery solution where we also have reserved compute ready to be deployed.

**For more information about any of our service offerings, please visit [Dell.com/services](http://Dell.com/services) or contact your Dell representative.**



Scan or click this code to learn how Dell Services can help your organization.

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