



Multicloud as a Service | India

SimpliCloud

Secure, scalable and easy-to-provision public cloud

Specially created to help you effectively implement your hybrid cloud strategies, **SimpliCloud is an enterprise-grade, VMware-based, on-demand public cloud for organizations with critical requirements around public and hybrid cloud.**

Service overview

Based on the latest VMware Cloud Director and VMware NSX architecture, SimpliCloud is expressly designed to help you execute your hybrid cloud strategies robustly and cost-effectively.

Available in five zones across India, SimpliCloud ensures that your users are never far away from your cloud environment. This allows your applications to maximize their performance and deliver an unrivaled user and customer experience.

SimpliCloud leverages our other services to simplify complexity:

- SimpliCompute offers on-demand virtual machines and computing resources.
- Database as a Service allows you to minimize the complexity of setting up and managing databases.
- SimpliNet Virtual Firewall Appliance (VFA) provides a firewalled entry point into a virtual server.
- Simpli-Kubernetes is our containers-as-a-service solution that enables you to provision your own Kubernetes cluster on top of SimpliCloud virtual machines.

SimpliCompute

SimpliCompute is a cloud web service that allows you to easily and instantly create virtual machines in the cloud. Architected to make elastic cloud computing easier for enterprises, SimpliCompute's interface allows you to provision a wide range of virtual machines to grow your application.

In addition, you can scale your cloud infrastructure in ways that suit your requirements best. It allows you to not just scale out but to scale up as well, by adding more processors and RAM to existing virtual machines.

Key features

- **REST-based APIs**
An API ecosystem that allows you to manage your infrastructure through your applications.
- **Consumption-based billing**
A consumption-based, pay-as-you-go model ensures cost efficiencies as you pay only for the resources you provision.
- **Cutting-edge technology from leading original equipment manufacturers**
Deploy cloud network appliances from leading technology manufacturers; you can choose from a wide variety of virtual and physical appliances.
- **Policy-based governance**
Policy-based governance allows automated management of your cloud. Define rules for automated resource management, so you pay only for what you need.
- **Scale with your workload requirements**
Minimize costs and increase efficiencies by scaling virtual machine capacity both vertically and horizontally.
- **Governance**
NTT's insight management portal allows you to govern and manage your stack from anywhere, and at any time.

Database as a Service

Database as a Service helps you minimize the complexity of setting up and managing databases and is packaged with computing capabilities and Microsoft SQL Server.

Our Database as a Service comes with multiple possibilities. We can administer the database and set replication, backup and clusters. And we can bundle the required licenses in opted virtual instances, with the option of subscribing to our database management services.

Key features

Virtualized environment

- Licenses are bundled across optional virtual instances
- Possible to set up clusters

High availability

- Up to 99.95% availability
- Flexible pay-as-you-grow pricing model

Wide range of options

- Role-based multifactor authentication options available
- Option of subscribing to database management services

Plans

SimpliCloud plans	Large	X Large	2X Large	3X Large	4X Large
	4C 4GB RAM 100 GB HDD	6C 8GB RAM 100 GB HDD	8C 12GB RAM 100 GB HDD	12C 24GB RAM 100 GB HDD	16C 32GB RAM 100 GB HDD
VM	7,100	9,800	14,700	20,900	28,500
MS SQL standard license	21,000	31,500	42,000	63,000	84,000
VM MS SQL standard license	28,100	41,300	56,700	83,900	1,12,500
SQL DBaaS standard edition	18,900	27,900	36,900	54,900	72,900

SimpliNet Virtual Firewall Appliance (VFA)

SimpliNet Virtual Firewall Appliance (VFA) makes cloud networking easy. The VFA is provisioned using a web-based portal and supports transmission control and user datagram protocols (TCP and UDP). You can contract SimpliNet VFA in addition to your SimpliCloud infrastructure and create multiple zones if required.

There is no limit on the number of SimpliCompute instances (virtual servers) that you can place behind a VFA. The provisioning portal allows you to manage the firewall by opening and closing ports and defining your own firewall rules and policies. You can also configure your own Internet Protocol Security (IPsec) virtual private networks (VPNs) on the firewall and configure the device for maximum protection.

Key features

Virtualized environment

- Greater resilience at the device level
- Higher availability through a second network uplink
- Additional layer of resiliency on the network path
- Ready-to-deploy input gateway provides a firewalled entry point into virtual server
- VFA large instance offers site-to-site VPN and dial-up VPN capabilities

Plans

All plans come with high-availability support.

	Small	Medium	Large	Extra Large	Double Extra Large
Connections	64,000	96,000	500,000	1,000,000	2,000,000
Bandwidth throughput	30Mbps	100Mbps	300Mbps	600Mbps	900Mbps
VPN tunnels			5	50	100

Simpli-Kubernetes

Kubernetes is an open-source platform for automating the deployment, scaling and operations of containerized applications across a cluster of hosts. Simpli-Kubernetes is our containers-as-a-service offering that enables you to provision your own Kubernetes cluster on top of SimpliCloud virtual machines. It is a complete, easy-to-install platform for hosting and managing containerized applications.

Simpli-Kubernetes allows us to build robust and scalable applications and services by taking advantage of SimpliCloud. Unlike virtual machines, containers do not need fully installed operating systems or a virtual copy of the host servers' hardware. We provide the web user interface (UI) portal to manage the Kubernetes clusters, and you pay only for the resources you use.

Key features

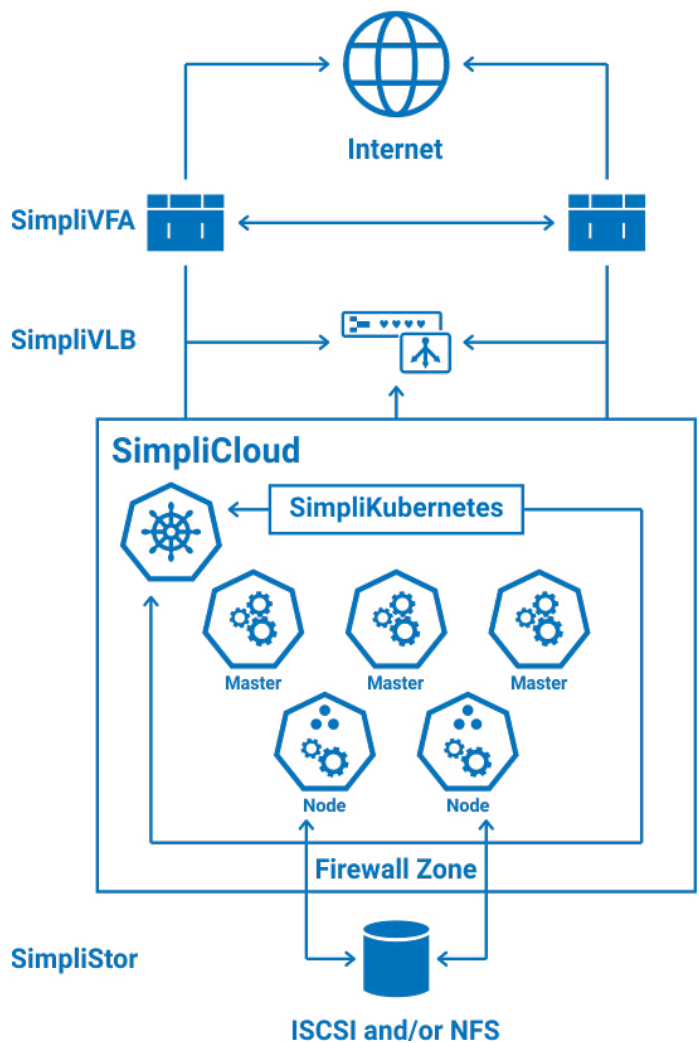
Virtualized environment

- **Data flow**
Storage using SimpliStore (Internet Small Computer Systems Interface (iSCSI)) to individual pods or a shared network file system (NFS)
- **Network flows**
Access to hosted infrastructure can be through SimpliVLB or SimpliVFA directly
- **Virtual machine availability**
99.99% uptime on your cloud server instances
- **Network availability**
99.99% uptime on network availability in your area
- **Wide range of plans**
Flexible options for every budget and requirement

MyNTT portal

User interface to configure or scale worker nodes, firewalls, load balancers and more

Portability, flexibility and multicloud capabilities



Plans

Wide range of plans

Default configuration	Default configuration	Maximum configuration
Simpli-Kubernetes.2XLarge8.Master	8C 16GB 200GB	8C 16GB 6000GB
Simpli-Kubernetes.3XLarge12.Master	12C 24GB 250GB	12C 24GB 600GB
Simpli-Kubernetes.4XLarge16.Master	16C 32GB 300GB	16C 32GB 6000GB

Services only available for solid state drives (SSD) with an input/output operations per second (IOPS) of 5.

Plans for slave node

Default configuration	Default configuration	Maximum configuration
Simpli-Kubernetes.Large.Slave	4C 4GB 100GB	5C 16GB 6000GB
Simpli-Kubernetes.XLarge.Slave	6C 8GB 100GB	7C 48GB 6000GB
Simpli-Kubernetes.2XLarge.Slave	8C 8GB 100GB	11C 64GB 6000GB
Simpli-Kubernetes.3XLarge.Slave	12C 16GB 100GB	15C 96GB 6000GB
Simpli-Kubernetes.4XLarge.Slave	16C 16GB 100GB	23C 128GB 6000GB
Simpli-Kubernetes.5XLarge.Slave	24C 48GB 100GB	31C 192GB 6000GB

Why NTT?



24x7 monitoring and support

Our 24x7 assistance keeps your applications and system always-on



Flexible payment options

We offer several payment choices, including cheque and bank transfers.



Highly scalable

Vertical and horizontal scaling is available on all plans.



99.99% VM availability

Access your applications and systems anytime, anywhere.



Get in touch

To find out more about our SimpliCloud services, speak to your client manager or [visit our website](#).