



Private Cloud

Server Hosting & Disaster Recovery

What is it?

WaTech's Private Cloud service offers customers an Infrastructure-as-a-Service (IaaS) private cloud located within both the State Data Center and the Quincy Data Center.

How does it work?

Using a self-service portal, customers have on-demand access to a shared pool of compute resources that can be rapidly provisioned and released as virtual servers on a pay-as-you-go basis or as a dedicated pool of virtual resources.

What are options for use cases?

The WaTech Private Cloud Service supports both basic pay-as-you-go for on-demand virtual machines and a dedicated Virtual Data Center (VDC) reserved resource pool.

In the pay-as-you-go model, resources are allocated per workload, rather than an upfront allocation. This service offering lends itself to quick-start pilot projects or test and development application workloads that typically do not require long-term resource commitments or upfront resource reservations.

Alternatively, the dedicated Virtual Data Center pool model guarantees 100% of its resources on reservation, providing customers reserved resource capacity up front, fully dedicated by individual tenant. The level of resource guarantee provides customers with a high degree of service assurance plus resource control for their application workloads.

What is the cost?

Pay-as-you-go is calculated on an hourly basis and depends on the resources, up to a monthly maximum.

Resource	Pay-as-you-go Hourly Rates	Monthly Maximum
vCPU (Core/Hour)	\$0.1015	\$75.52
Memory (GB/Hour)	\$0.0225	\$16.74
Storage (GB/Hour)	\$0.00024	\$0.1786

Dedicated reserved resource pool is billed using a fixed monthly rate based on the amount of allocated resources, also with a monthly maximum.

Resource	Dedicated Daily VDC Rates	Monthly Maximum
Reserved CPU (GHz/Day)	\$1.22	\$37.82
Reserved Memory (GB/Day)	\$0.54	\$16.74
Storage (GB/Day)	\$0.00576	\$0.1786

Both models require a one-time, new agency customer set-up fee of \$700.

Features

- Automated Self-Provisioning
- Upgradable/Downgradable VM Resources
- On-Demand Instances
- Place servers in both Olympia and Quincy to support disaster recovery needs
- Windows Servers with Licensing Included
- Linux Servers using CentOS or Redhat
- VM Snapshots
- Trend Deep Security Firewall Available
- Pooling Available
- 10Gb Host Networking
- Supports EAD Authentication for Management
- Data stored on State maintained equipment
- Anti-Virus/Anti-Malware Software Available
- Intrusion Prevention Software Available
- Automated hardware failover
- Environment can evolve to comply with future OCIO Security Standards
- Internet-facing PGN networks available
- SGN Connectivity without VPN overhead

Benefits

- Reduces or eliminates the need for capital expenditures, allowing customers to realize cost savings compared to physical server environments.

These benefits are available during and after provisioning:

- Options for increasing storage, server memory, and virtual processors.
- Ability to perform server backups.

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What are the basic requirements?

The first step to becoming a WaTech Private Cloud Service customer is to confirm that the basic requirements are met. They include:

- ✓ Have a signed Master Service Agreement (MSA) with WaTech
- ✓ Connectivity to the State Government Network (SGN)
- ✓ Member of the WaTech Enterprise Active Directory Forest (EAD)
- ✓ Windows 2008R2 or above

How do I get started?

It's easy! Once you've confirmed you meet the basic requirements, download and complete the Customer Interest Form at:

<http://watech.wa.gov/sites/default/files/servicecatalog/cts-cloud-cust-interest-form.docx>

Next, forward it to the WaTech Service Desk at servicedesk@watech.wa.gov to open a Customer Service Request Ticket. Our experts will contact you for a consultation, then take it from there!

Find out more!

For more information on WaTech's products and services, check out our Service Catalog at:

<http://watech.wa.gov/solutions/it-services>



855.WaTech1
or
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