

The World's Most Accessible Private Cloud.



Intuitive UI



Self-Healing



Integrated



Webscale



Adaptive

Breqwatr is a managed turn-key private cloud provided software subscription. Breqwatr combines web-scale engineering with consumer grade design to provide the capability and promise of the public cloud with a simple to use on-premise solution.

Breqwatr is a software company that has packaged an opinionated OpenStack offering into a simple to deploy, simple to manage, and simple to use private cloud offering. The Breqwatr Private Cloud addresses the skills, technology, and management gaps associated with designing, deploying and running a private cloud.

In re-thinking self-service, Breqwatr has put the user experience at the forefront of their design principles. In keeping with modern cloud economics, the Breqwatr Cloud Platform is available via a unique Cloud-as-a-Service subscription model.

Key Benefits

- **Intuitive UI** - Simple to use and easy to operate. Breqwatr offers a truly intuitive user experience that virtually eliminates the learning curve for end users and administrators.
- **Self-Healing** - Designed to meet the demands of the Enterprise, Breqwatr provides control-plane and instance level High Availability to protect the cloud resources and the workloads running on them.
- **Integrated** - A curated deployment of OpenStack's has been tightly integrated with the hardware upon which it has been deployed. All the OpenStack infrastructure APIs are fully exposed and un-modified for further integration with 3rd party tools and platforms or to leverage in the creation of a new scale out web-app.
- **Web-Scale** - Our web-scale engineering is designed to enable modular expansion with linear scalability of critical cloud resources (Storage and Compute) providing the just in time elasticity the enterprise needs to be more agile and responsive.

An OpenStack powered, turnkey private cloud platform

Trends Impacting IT

1) Open Source

Adopting open philosophies is the foundational trend enabling many other trends – Open Source is evolving at a rate that commercial software simply cannot keep up with.

2) Automation

“Go away, or I will replace you with a very small shell script” – a popular culture reference to automation drives home the importance and widespread acceptance of datacenter automation.

3) Web-Scale IT

True Web-Scale requires an API driven datacenter, where automation speaks to an API and directly to hardware. These APIs enable application elasticity by allocating or removing resources: compute, storage or network.

4) Software-Defined Everything

First virtualization, then containers. Software Defined Computing is an accepted approach for deploying & managing compute resources. Utilizing SDN, SDS (Software Defined Networking & Storage) promise to deliver the same benefits.

Enabling Technologies

OpenStack

Since NIST's (National Institute of Standards & Technologies) first published their “Cloud Computing Reference Architecture” in September 2011, it's been universally accepted.

NIST's five cloud defining essential characteristics: Broad Network Access, Measured Services, Elasticity, Self-Service and Resource Pooling lay the foundation for the selection of a CMP (Cloud Management Platform).

OpenStack provides open, persistent and accessible APIs, delivering rapid innovation and flexibility that when properly implemented address all NISTs essential characteristics.

Further, OpenStack's APIs offer a software defined datacenter that abstract the underlying datacenter hardware: storage, servers & network (OpenStack Cinder, Nova & Neutron respectively).

Enterprise Features

Instance Management – Providing instance level high availability by monitoring the cloud's instances to ensure that they are automatically relaunched in the event of a node failure.

Cluster Management – Providing control plane high availability by monitoring critical systems and ensuring that they are always on, even in the event of a node failure.

Instance Expiry – Perhaps our most popular feature. Instance Expiry provides the ability to place an “expiry date” on any instance. This simple, yet unique feature prevents VM Sprawl.

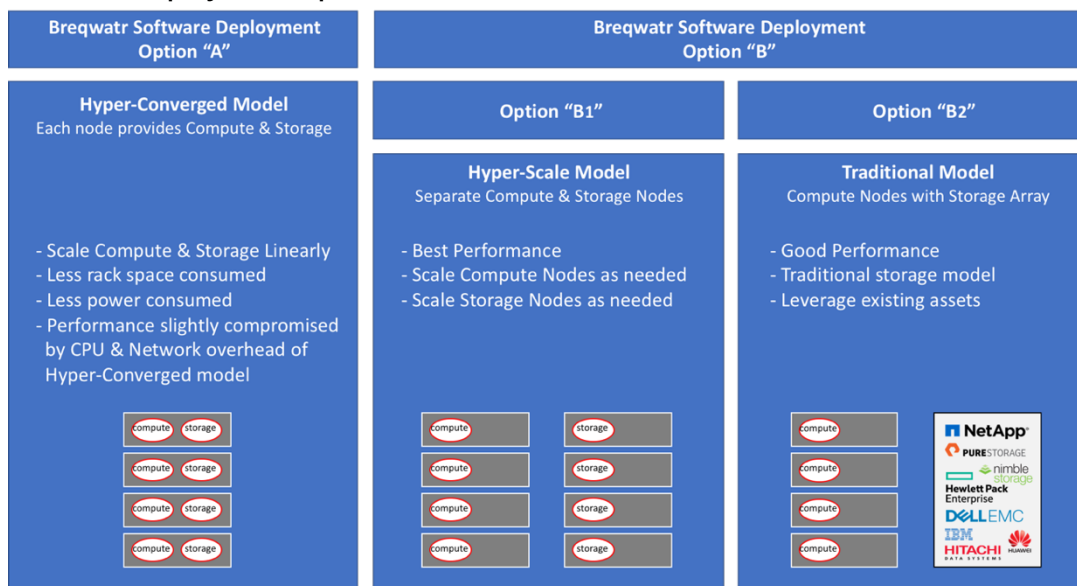
Cloud Evacuation – is a special set of tools that allow an administrator to safely migrate virtual assets and the associated metadata out of the cloud.

Automated Scale-Up – The Breqwatr platform provides the foundation for scale-out applications. What if you're dealing with a legacy application? What if the answer to increased performance is simply more hardware? Breqwatr “Resize” feature provides simple scale-up.

In a world where the success of any cloud initiative is ultimately judged based upon consumption, Breqwatr believes that accessibility matters most.

Breqwatr brings all the benefits of the public cloud (i.e. invisible and elastic infrastructure, cost transparency and self-service) into the comfort and control of the enterprise datacenter, without the cost, complexity and time it would otherwise demand.

Software Deployment Options



Integrated

OpenStack powered cloud with full API-based access for seamless integration.



Simple

Simple to use and easy to operate. Designed from the ground up with accessibility in mind. Powered By OpenStack



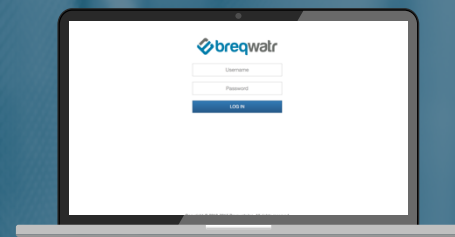
Scale-out

Containerized OpenStack control plane enables scaling and simplifies patching and upgrades

IT-as-a-Service

Compute + Storage + Network + CMP + Self-Service

Deployed in under an hour.



ABOUT BREQWATR: Breqwatr Inc. is committed to making private cloud more accessible for the enterprise. The company's flagship offering is a subscription-based, hyper-converged cloud platform, that provides IT with all the elements of Cloud (Infrastructure-as-a-Service) without the cost, complexity and risk associated with deploying alternative on premise solutions. For additional information, please visit www.breqwatr.com, or info@breqwatr.com or call +1-866-606-0919

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