

FUJITSU Technical Computing Solution UNCAI

Unified Clouds' Advanced Infrastructure

Overview

UNCAI is a software package which enables your HPC systems to use as a private cloud.

Key features

Various tenant templates help you to create optimized tenants easily

- Optimized tenant templates packing with know-how of Fujitsu's HPC support are pre-installed.
- User can get his own tenant as a "My HPC" installed with OSs and services user requests.
- Easy customization of tenant designing GUI by template without any programming skills.

Realize the private cloud optimized for HPC

- User can create a hybrid tenant which consists of VM and bare-metal nodes.
- Infiniband is supported.

Easy Web Portal

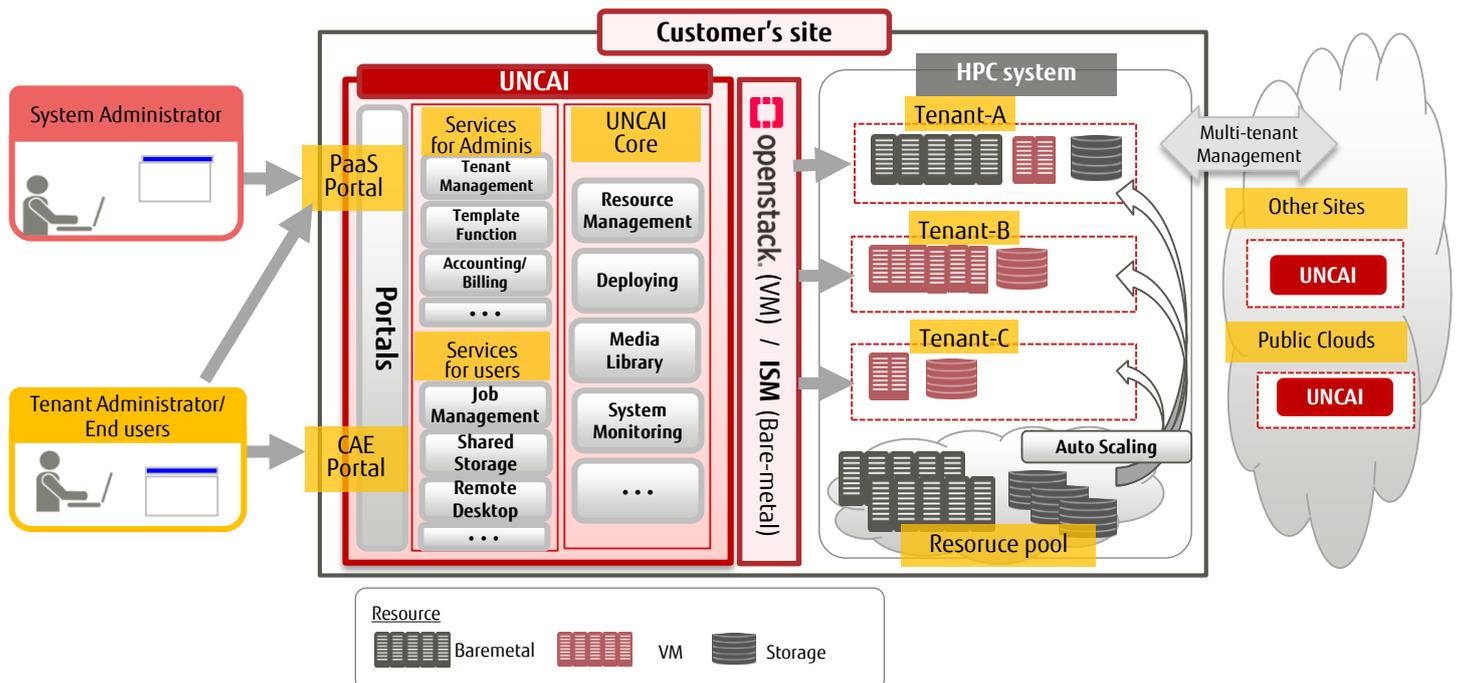
- PaaS Portal has a simplified user interface to easily provide a tenant. It also has system administration functions such as tenant operation, resource management, system monitoring, accounting and so on.
- CAE Portal has easy user interface which helps end users to operate Linux and submit batch jobs.

On demand auto scaling

- Scale-in/out tenant resource automatically by workload of batch jobs.

Multi-tenant Management

- Deploy, manage and monitor the whole resources of multi-tenants (on both private and public clouds) from a single view of PaaS Portal.

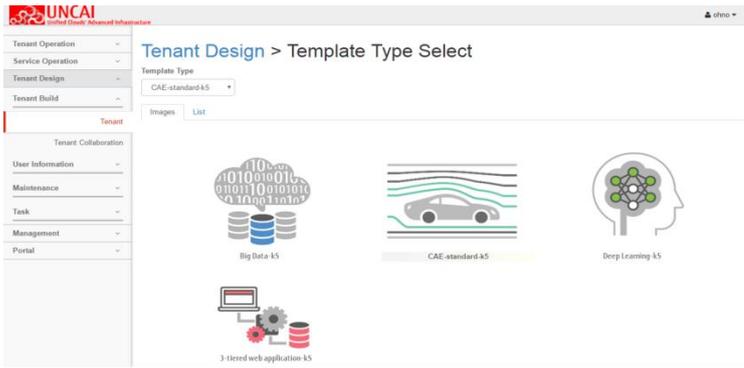


"UNCAI(雲海)" means the cloud sea in Japanese.

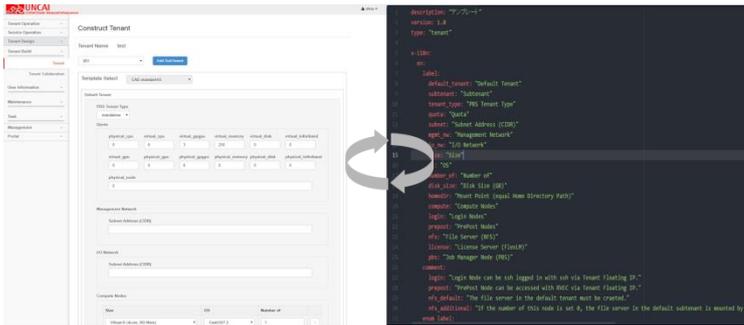
shaping tomorrow with you

社会とお客様の豊かな未来のために

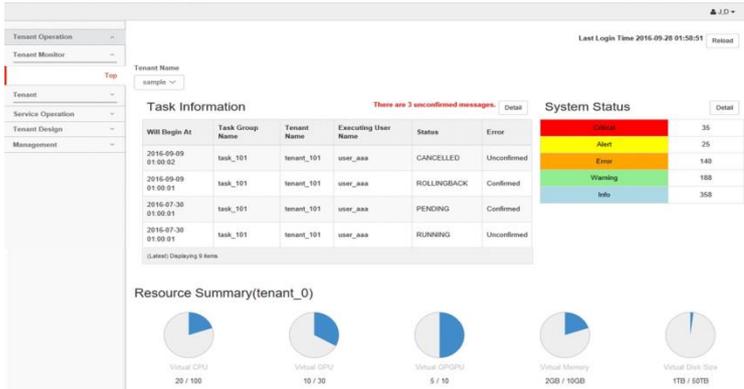
Screenshot



The tenant templates are the ready-to-use sets which have nodes, networks, applications and their configurations. You can select a tenant template required for your use case from various tenant types.



The tenant template also realizes the easy customization of tenant designing GUI without any programming skills. You can create your original tenant templates and use on your tenants.



PaaS Portal helps you to deploy, manage and monitor the tenant easily without skills to install/operate HPC systems. You can grasp resources in use and the tenant status on the dashboard.

Optional Tenants

Big Data Template

Big data tenant includes Cloudera software stack. User starts data mining with ready-to-use cluster and tools and add more worker node in case of increasing processing power.

Deep Learning Template

Able to manage GPU resource and allocate it to your tenant. Major deep learning frameworks are supported.



Container Management Template

Container is hosted in Apache Mesos and Kubernetes cluster in container management tenant. These software make you host and publish your service on container.



Contact

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