SmartCloud®
Orchestrator

NTT COMWARE

Orchestrator

No hurdles for 'Go to Cloud'

● Overview

[**Do you have any problems using the public cloud?**]

scene1 **Design** — It is difficult to design to meet requirements and reuse past design information.

scene2 **Deployment** — Manual work is necessary when creating and verifying procedures, which requires many person-hours and opens the door to human error.
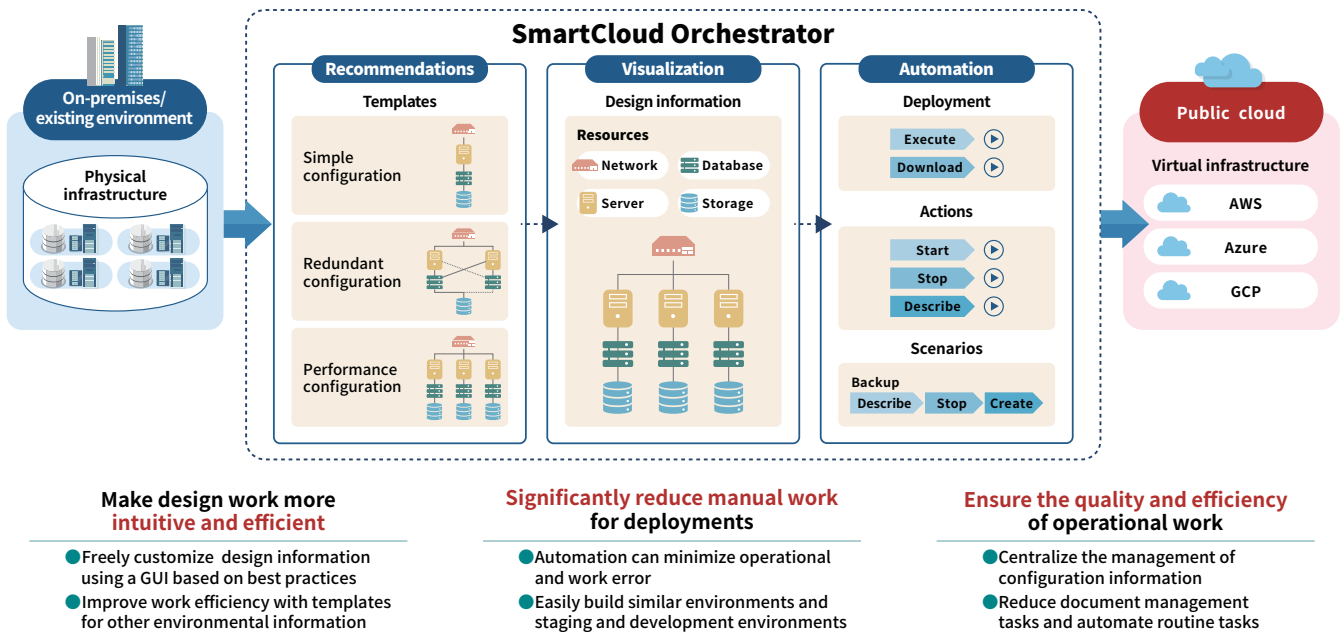
scene3 **Operation** — It is difficult to understand the latest configurations and relationships between resources, and routine manual tasks are a burden.
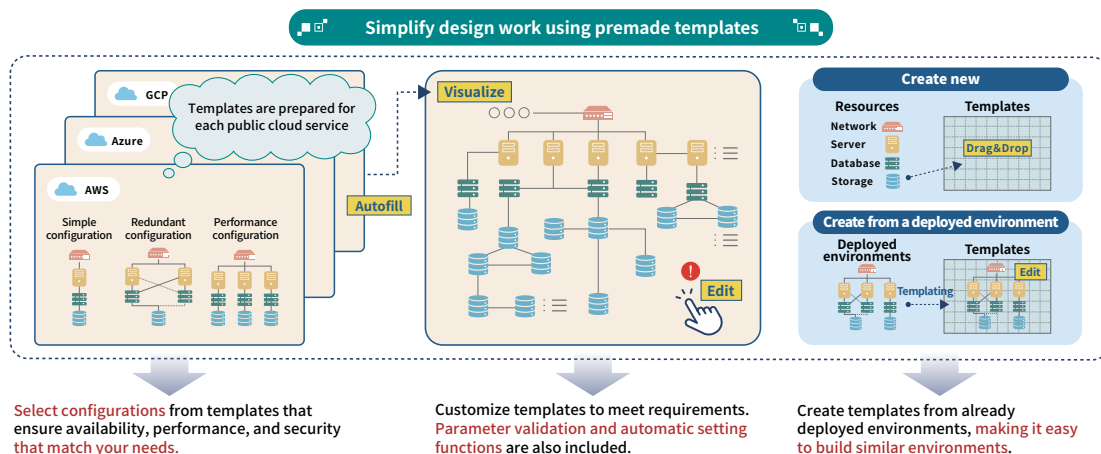

SmartCloud Orchestrator supports your company's cloud to increase operation efficiency and improve quality

Configuration recommendations, the visualization of environment information, and automated operations enable even inexperienced engineers to perform their jobs like experts.

SmartCloud Orchestrator

On-premises/existing environment — Physical infrastructure

Recommendations — Templates: Simple configuration, Redundant configuration, Performance configuration

Visualization — Design information — Resources: Network, Database, Server, Storage

Automation — Deployment: Execute, Download; Actions: Start, Stop, Describe; Scenarios: Backup — Describe, Stop, Create

Public cloud — Virtual infrastructure: AWS, Azure, GCP

Make design work more intuitive and efficient
- Freely customize design information using a GUI based on best practices
- Improve work efficiency with templates for other environmental information

Significantly reduce manual work for deployments
- Automation can minimize operational and work error
- Easily build similar environments and staging and development environments

Ensure the quality and efficiency of operational work
- Centralize the management of configuration information
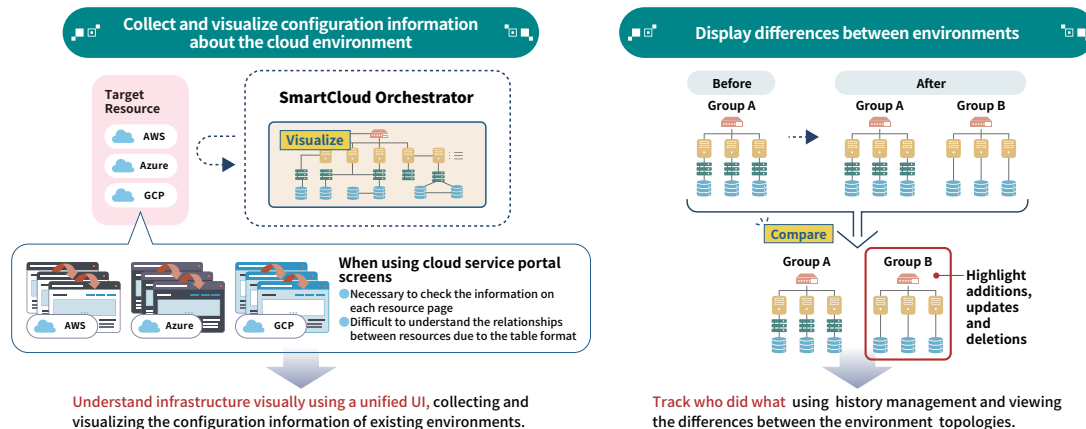- Reduce document management tasks and automate routine tasks

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● Features 1: Recommendations

With preset templates, customization options, and save functionality for each cloud platform, you can efficiently and effortlessly design environments with a wide range of configurations.

Simplify design work using premade templates

GCP, Azure, AWS — Templates are prepared for each public cloud service — Simple configuration, Redundant configuration, Performance configuration — Autofill

Visualize — Edit

Create new — Resources: Network, Server, Database, Storage → Templates — Drag&Drop

Create from a deployed environment — Deployed environments → Templating → Templates — Edit

Select configurations from templates that ensure availability, performance, and security that match your needs.

Customize templates to meet requirements. Parameter validation and automatic setting functions are also included.

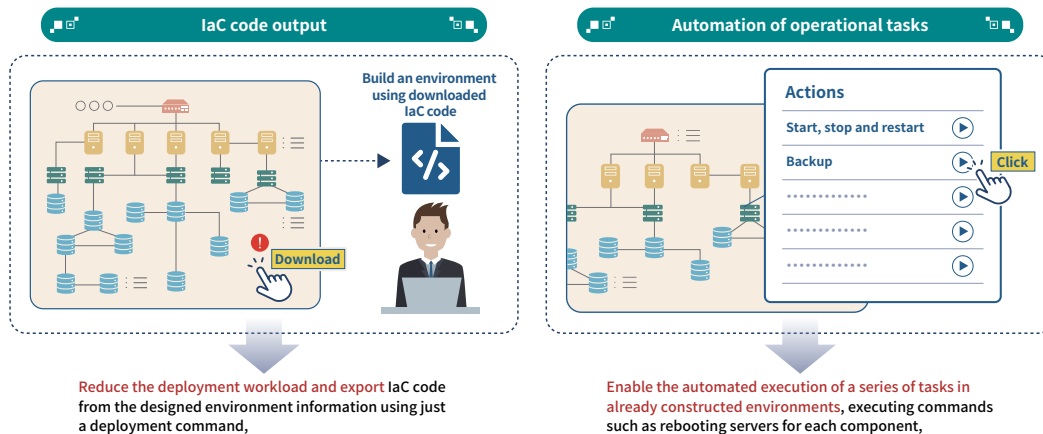Create templates from already deployed environments, making it easy to build similar environments.

Features 2: Visualization

The GUI-based design and visualization of existing environments increase operational efficiency and centralize configuration management.

Collect and visualize configuration information about the cloud environment

Understand infrastructure visually using a unified UI, collecting and visualizing the configuration information of existing environments.

Display differences between environments

Track who did what using history management and viewing the differences between the environment topologies.
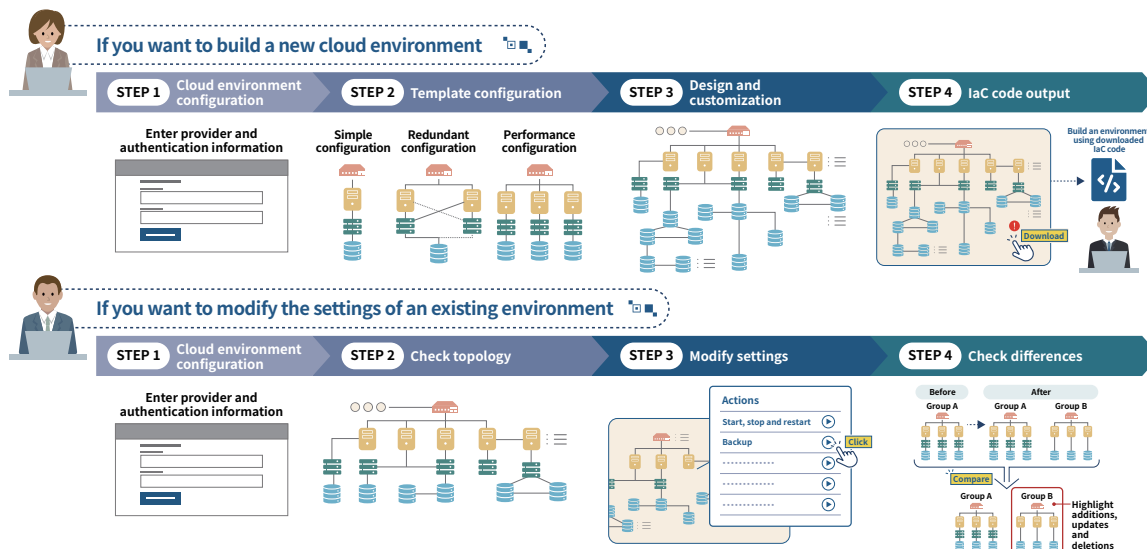
Features 3: Automation

One-click configuration management and various actions or scenarios for resources to improve operational efficiency and reduce human error.

IaC code output

Build an environment using downloaded IaC code

Reduce the deployment workload and export IaC code from the designed environment information using just a deployment command,

Automation of operational tasks

Actions
Start, stop and restart
Backup

Enable the automated execution of a series of tasks in already constructed environments, executing commands such as rebooting servers for each component,

Use Cases

If you want to build a new cloud environment

STEP 1 Cloud environment configuration
STEP 2 Template configuration
STEP 3 Design and customization
STEP 4 IaC code output

If you want to modify the settings of an existing environment

STEP 1 Cloud environment configuration
STEP 2 Check topology
STEP 3 Modify settings
STEP 4 Check differences