

FUJITSU Software ServerView Resource Orchestrator Functional Overview

Fujitsu Limited

FUJITSU Software ServerView

- Benefit of private cloud
- Functional Overview
 - Features for Private Cloud
 - Features for Resource management
- System configuration & supported environment

Speed up system setup time and reduce operational complexity and management

1. Service Portal

User interface for system operation and management

Provide a unified interface for a multi-Platform environment and reduce the operational costs

2. Auto deployment

Automated L-Platform setup

Dramatically reduce setup time by batch setup of a multi-tier system with a standardized template

3. Resource Pool

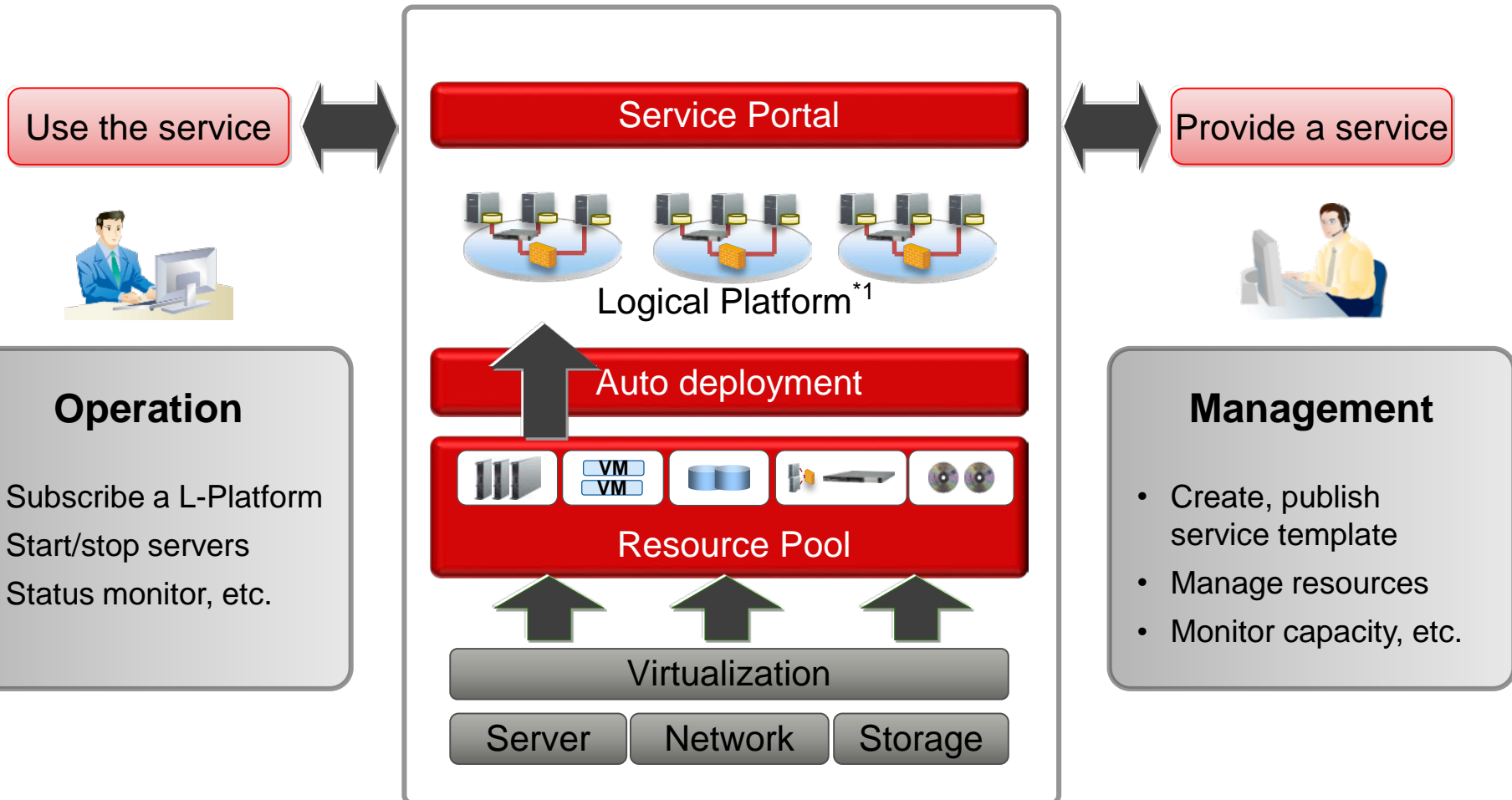
Integrate resources into a resource pool

Use resources more effectively by optimizing multiple systems' resources

Features for Private Cloud

FUJITSU Software ServerView

Automatically provide a ready-to-use platform



*1 A production system mixed with a combination of physical and virtual resources.

Administrative operations are limited by the user roles

Tenant User

- L-Platform subscription
- Resource status monitor



Service Portal

Tenant Admin

- Manage tenant private pools
- Manage tenant specific templates
- Manage tenant user accounts
- Approve L-Platform subscriptions

L-Platform



Deployment

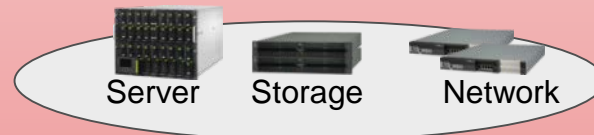
Infra Admin

- Register resources, manage hardware
- Manage public pools
- Create and publish the basic templates
- Review and approve L-Platform subscriptions



Server/Storage/Network/image

Resource Pools

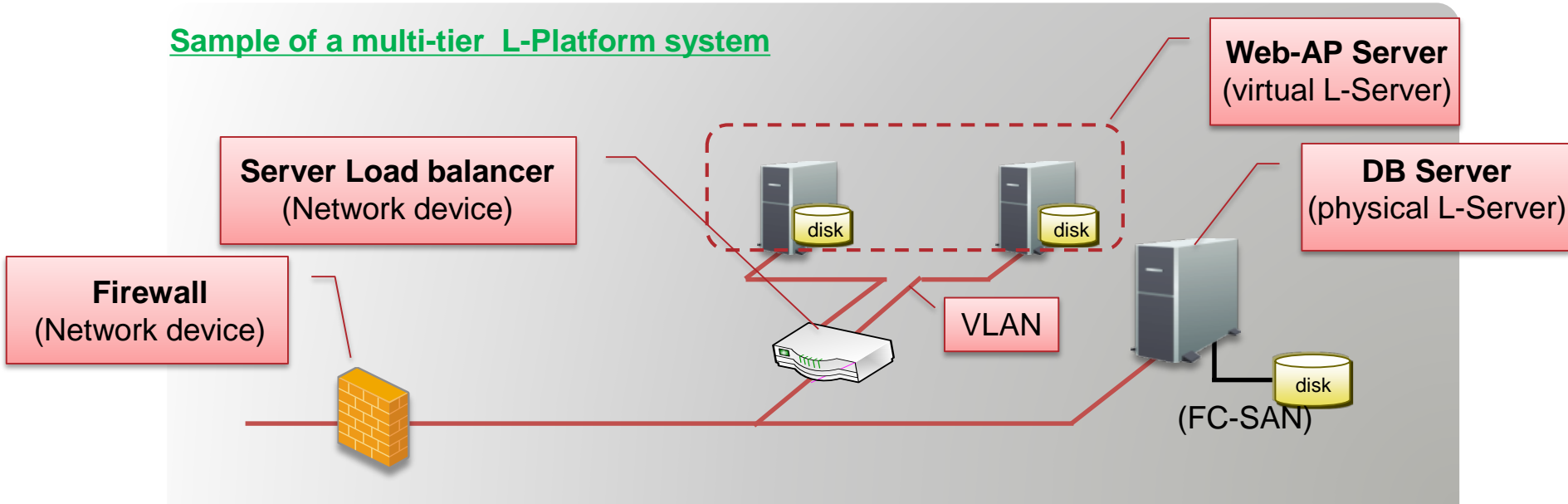


Visualize the operation status

Technical Terms : Logical-Server / Logical-Platform

- L-Server can be a **physical L-Server** (native OS and hypervisors) or a **virtual L-Server** (VM Guest) which is: **[Defined by FUJITSU Software ServerView Resource Orchestrator using resources in the resource pools]**
- L-Platform is an infrastructure logical platform that may include one or more L-Servers, storages, networks and system images; up to a maximum of 30 components including firewall and server load balancer.

Sample of a multi-tier L-Platform system

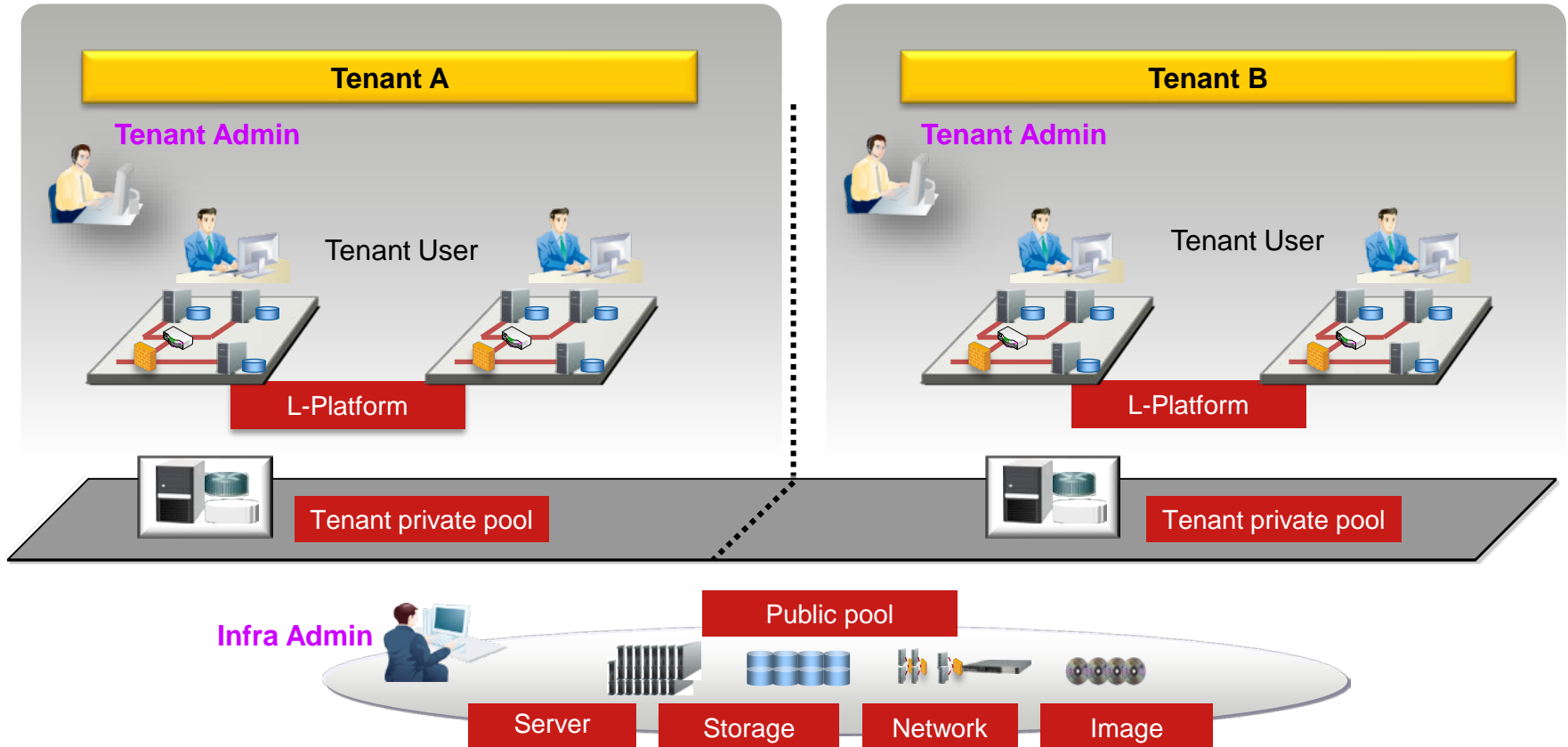


Note 1: L-Server defines the logical specification for virtual server/physical server and storage/network connected to them (number of CPU, memory size, number of NIC, disk etc).

Note 2: L-Platform is by FUJITSU Software ServerView Resource Orchestrator unit of subscription by users

Share public infrastructure resources across multiple separated tenants

- Each tenant uses resources exclusively from the private resource pools
- L-Platform template creation and publication is tenant-specific as well



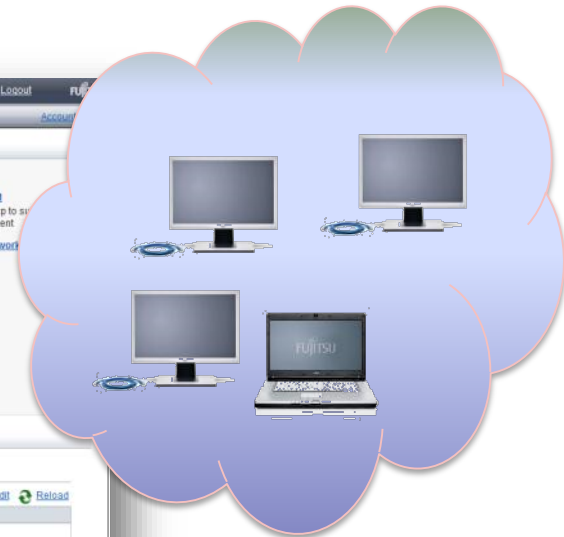
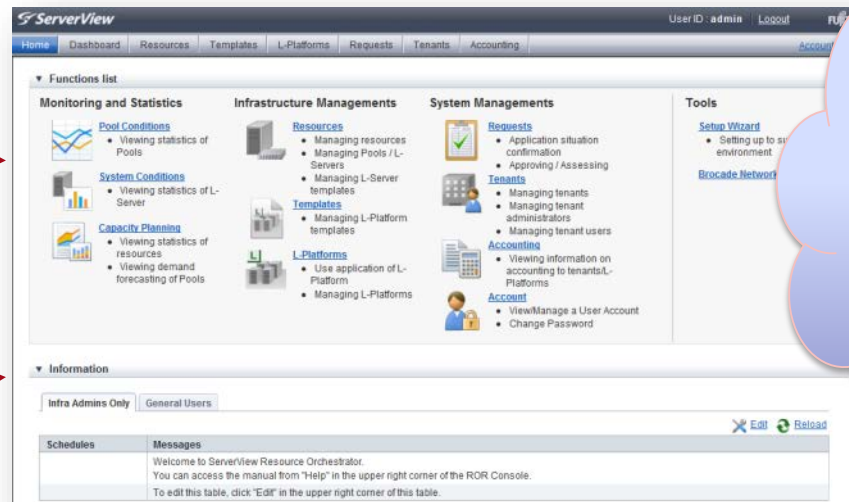
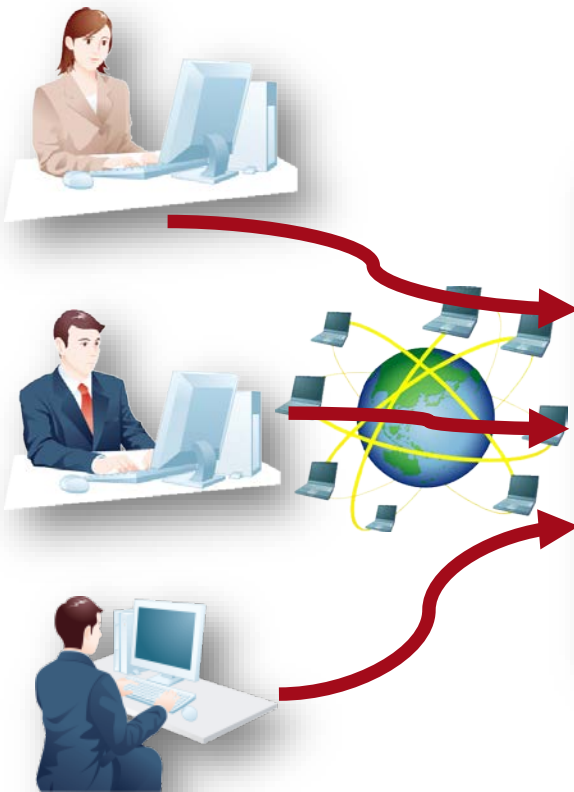
Advanced Cloud Access Portal

Users access cloud resources via the advanced self-service portal

Tenant Users

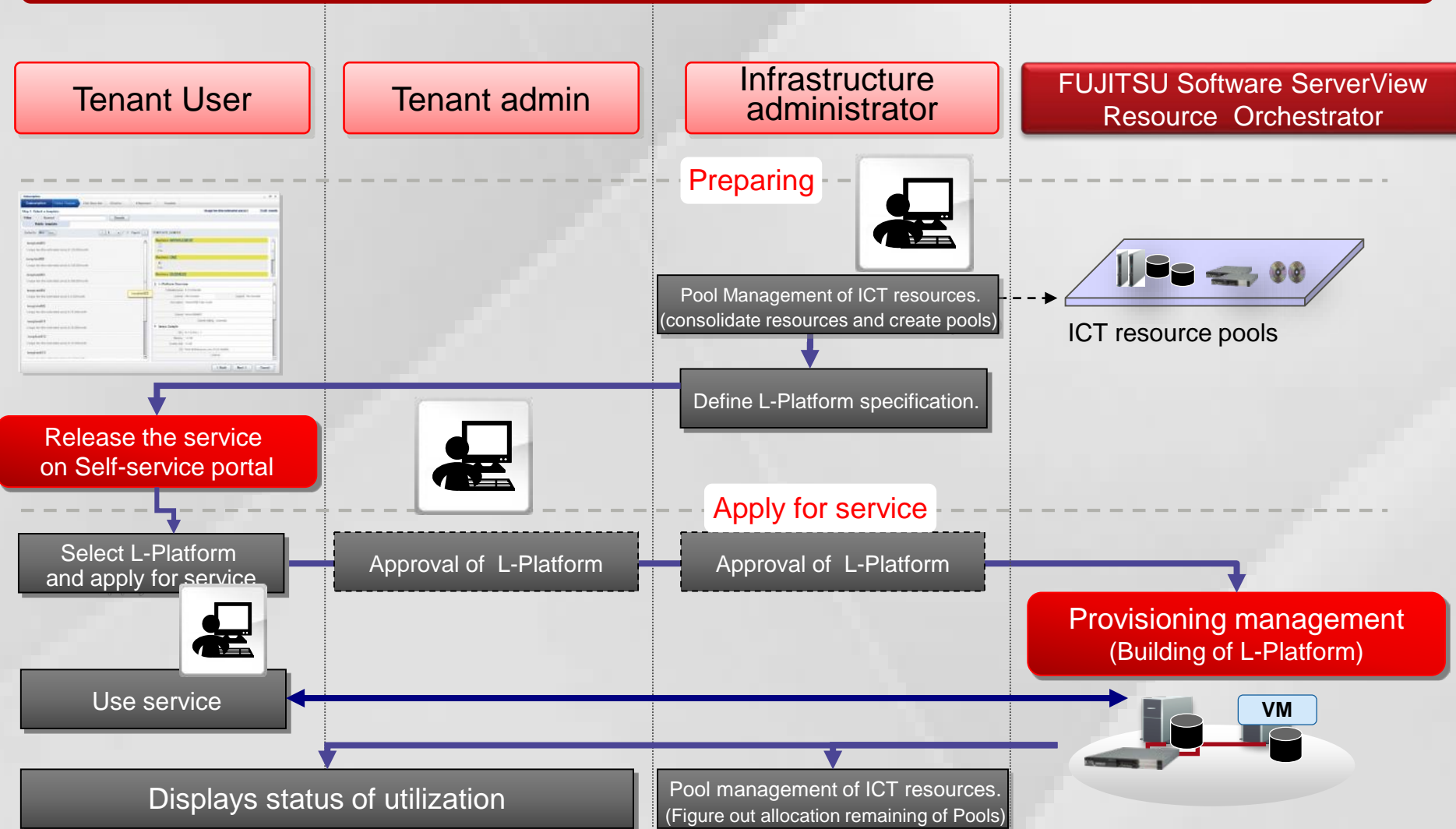
Self Service Portal

Cloud resources



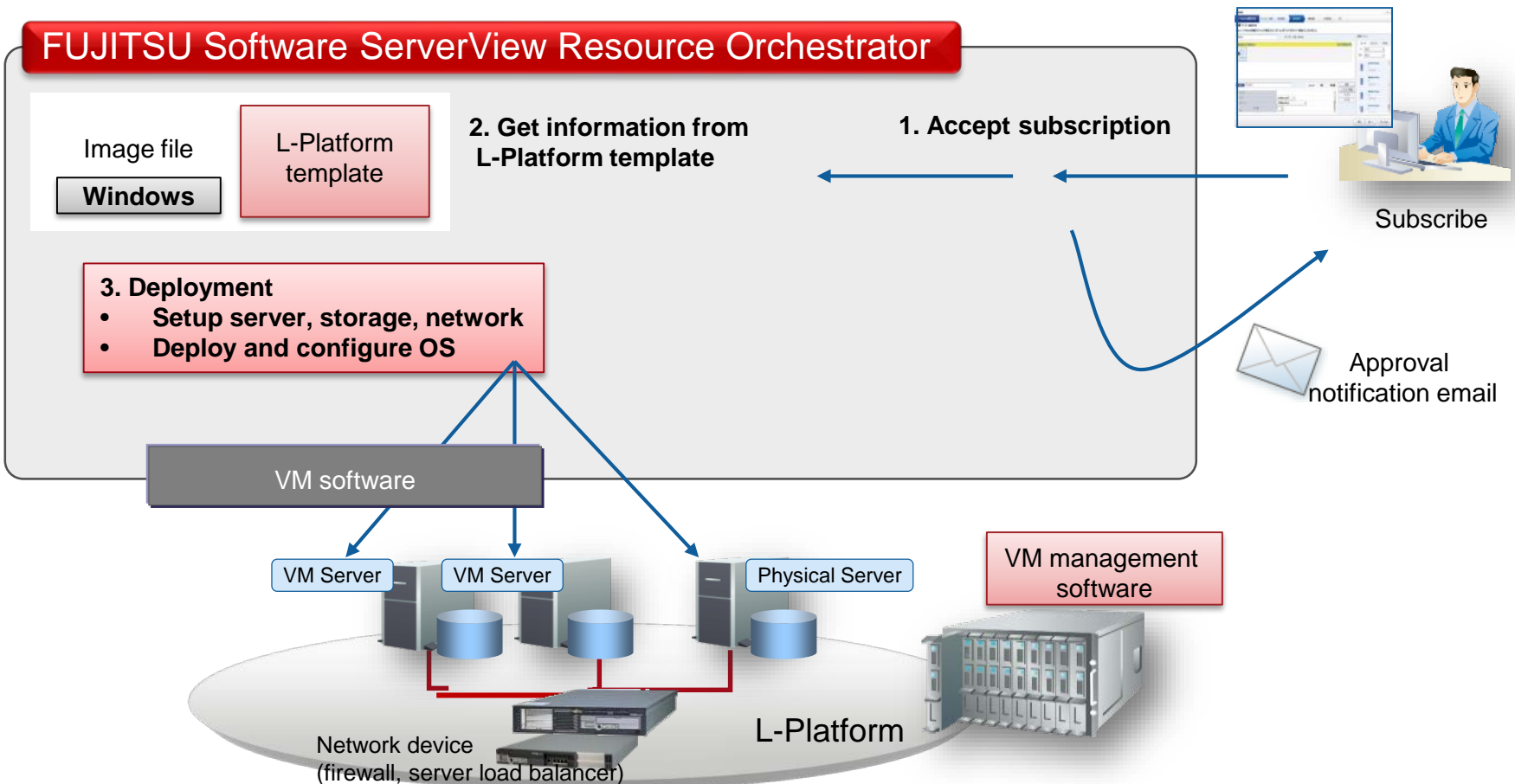
Platform lending process flow

Automatic building of the infrastructure layer which can also be used for visualization of ICT resource usage



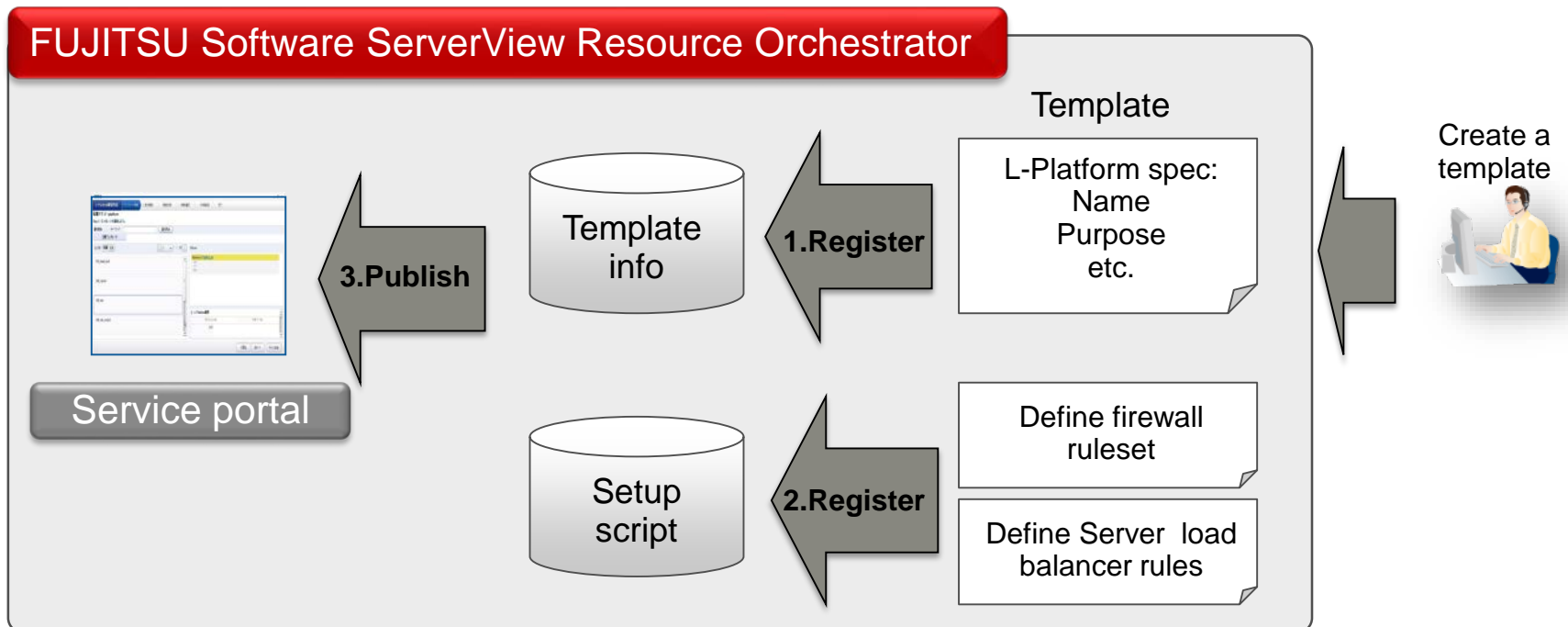
Quickly provide logical platforms to tenant user

- Based on the user specified template, L-Platform is automatically deployed and configured. Physical/VM mixed L-Platforms are also supported



Provide different configuration patterns to group companies or for internal use

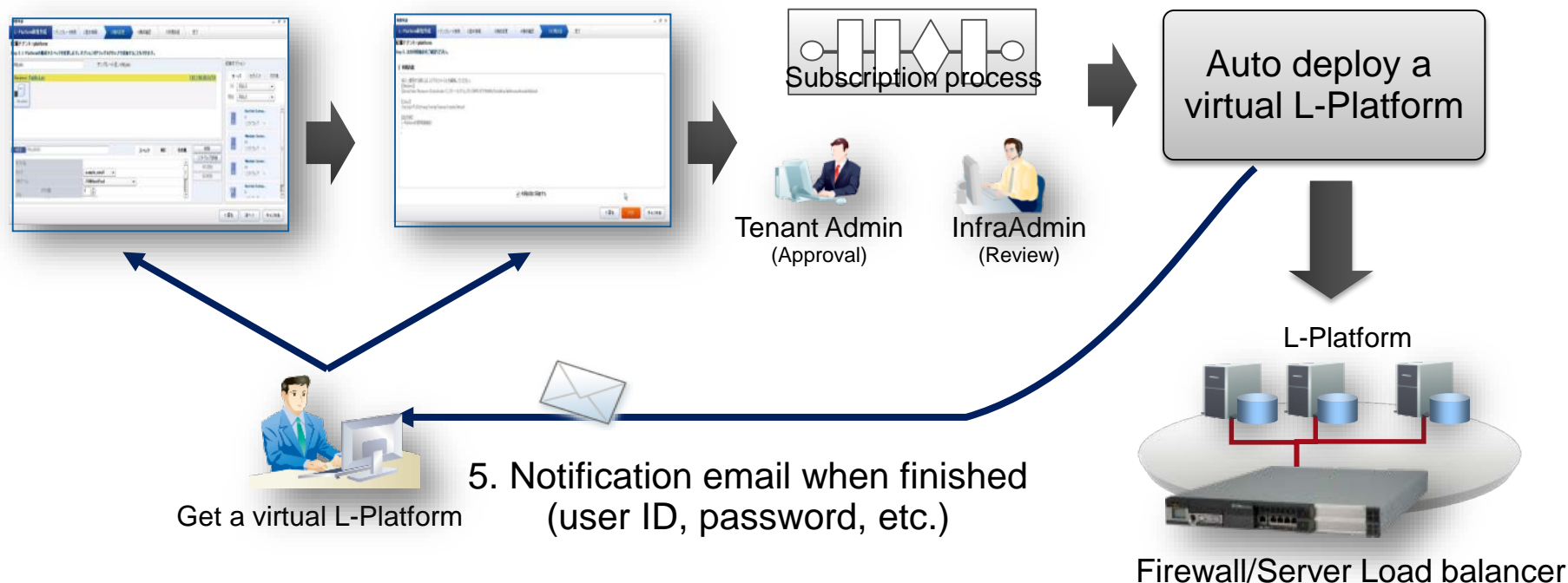
- GUI operation to create, register and publish a template
- Server and allocated resources can be defined for each template
- Template can be shared by multiple tenants or used by one tenant



Service-enabled L-Platform creation with full automation process

- A multi-tier system, including firewall and server load balancer, can be deployed automatically by simply selecting a template
- CPU and Memory spec can be changed after L-Platform creation

1. Select a template
2. Customize
3. L-Platform subscription
4. Approval process



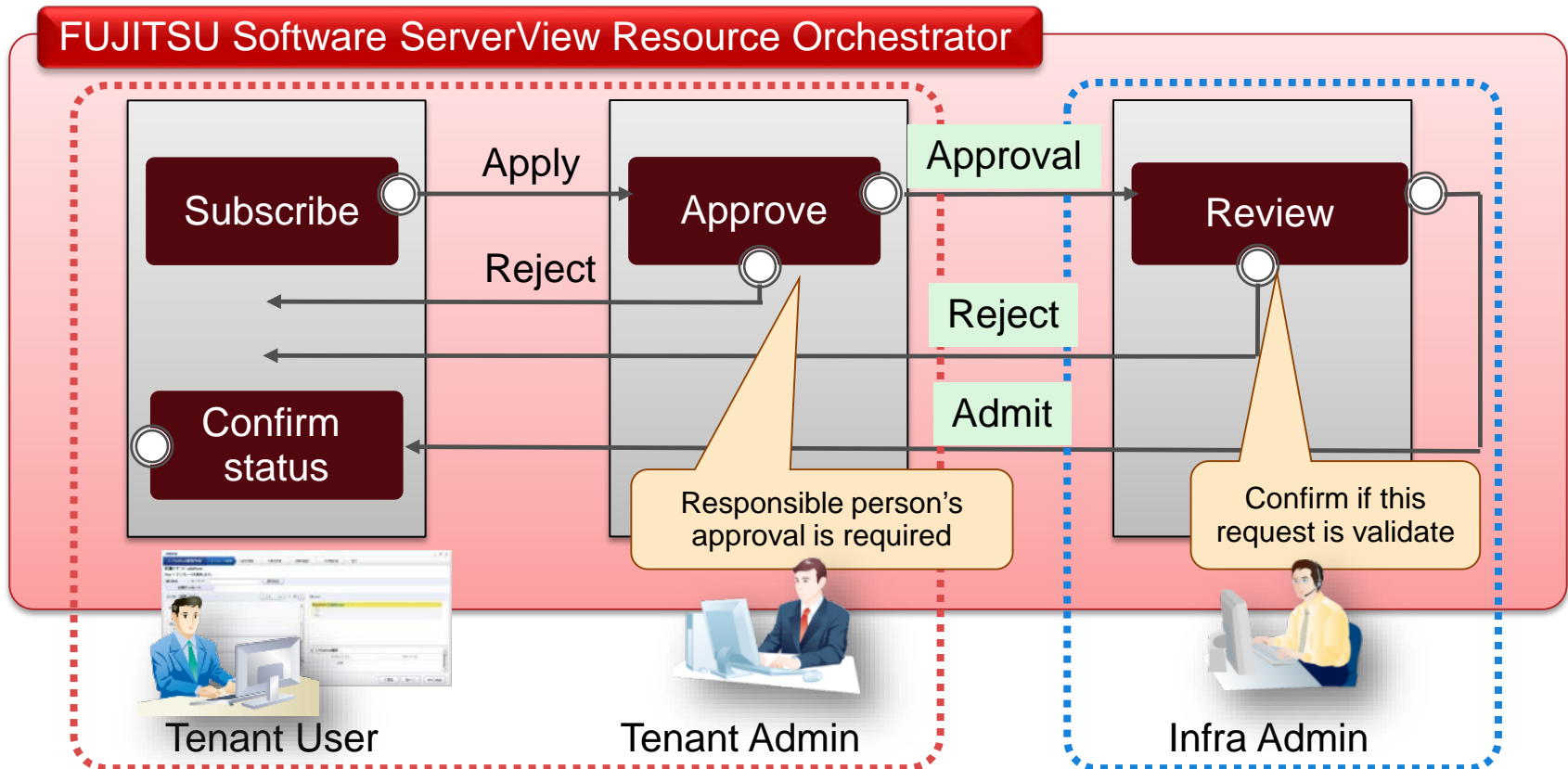
Subscription process

Infra Admin
Tenant Admin



Ensure the subscription of a tenant user is valid or not before the actual deployment

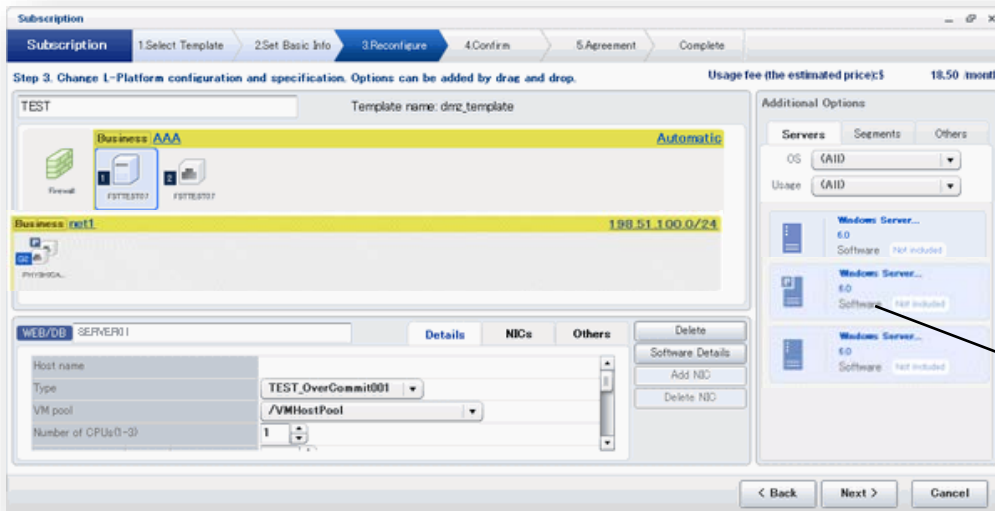
- Two stages (review and approval) to check the tenant user's subscription
- Reject or approve the subscription is judged by the responsible person



Using of cloud services (1)

After L-Platform deployment, L-Platform spec and configuration can be changed by tenant user (subscription is required)

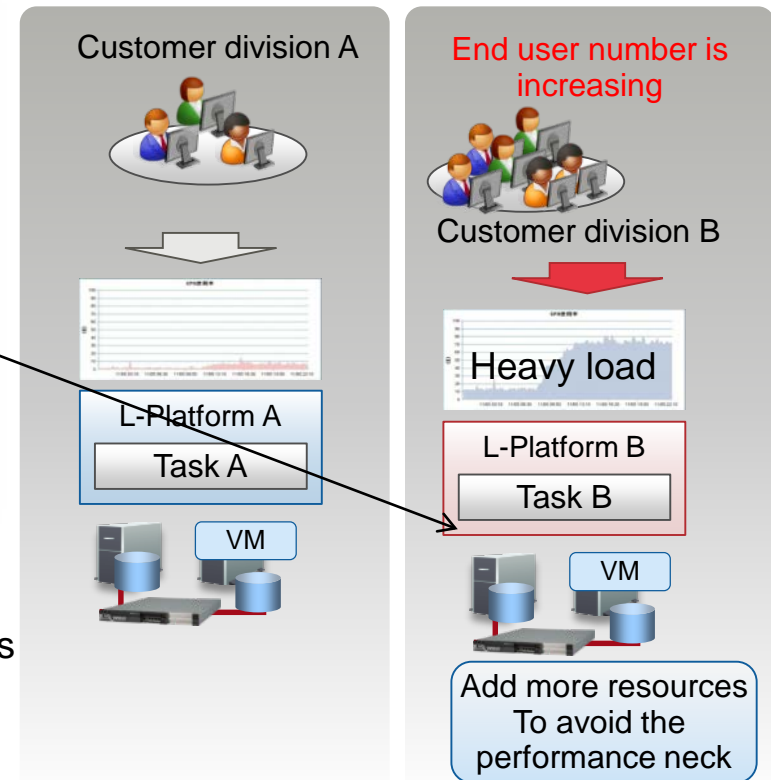
- System configuration, spec and L-Server number can be changed



Tenant User

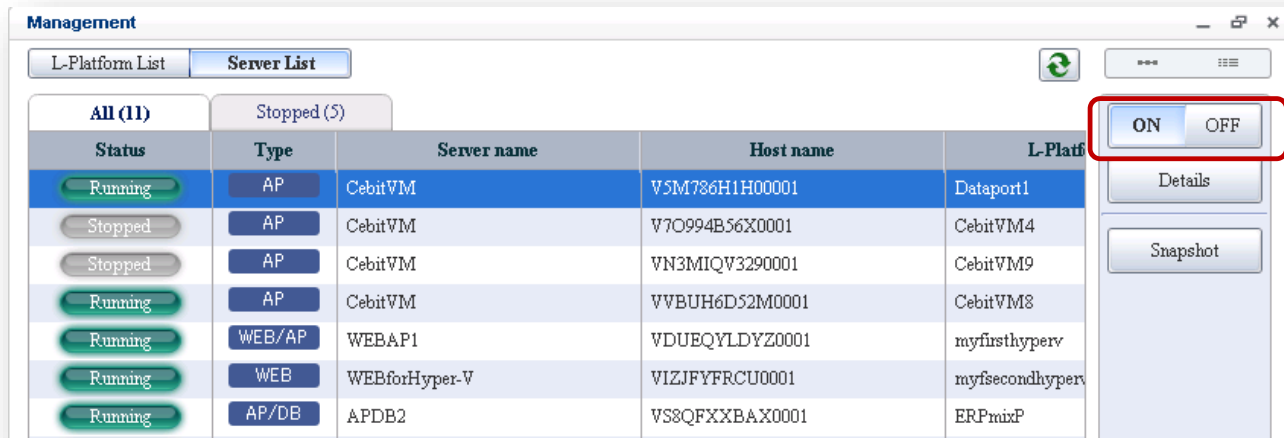
Tenant user can change the following parameters without stopping L-Platform

- CPU number, performance
- Memory size
- Disk number
- Server Number



Easy operation and easy maintenance

- Power on/off L-Platform, including all L-Servers through one operation

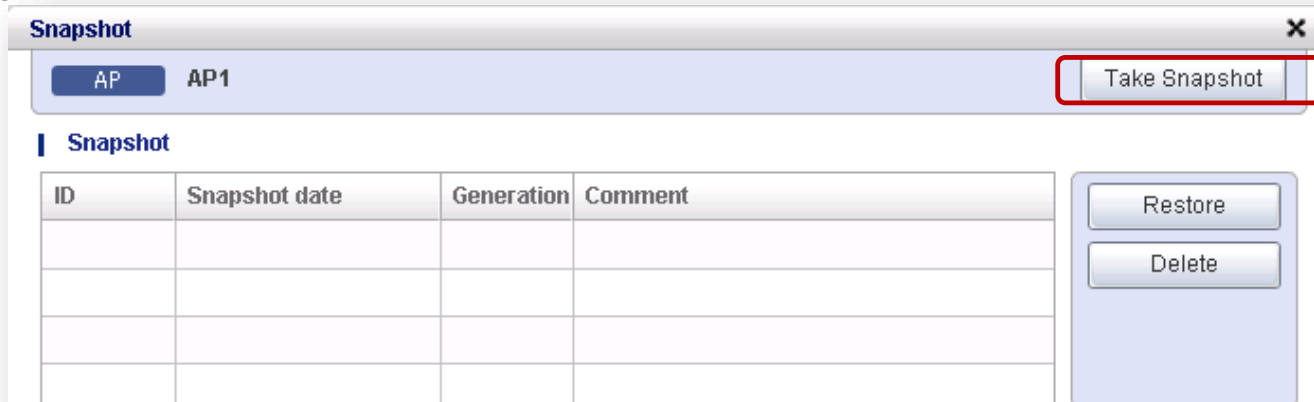


The screenshot shows the 'Management' console with the 'Server List' tab selected. The table displays the status of various servers. The 'ON' button is highlighted with a red box.

Status	Type	Server name	Host name	L-Platform
Running	AP	CebitVM	V5M736H1H00001	Dataport1
Stopped	AP	CebitVM	V7O994B56X0001	CebitVM4
Stopped	AP	CebitVM	VN3MIQV3290001	CebitVM9
Running	AP	CebitVM	VVBUEH6D52M0001	CebitVM8
Running	WEB/AP	WEBAP1	VDUEQYLDYZ0001	myfirsthyperv
Running	WEB	WEBforHyper-V	VIZJFYFRCU0001	myfsecondhyperv
Running	AP/DB	APDB2	VS8QFXXBAX0001	ERPmixP

Power control
button

- Support 3 generations snapshot image management, and be able to restore to any specified generation



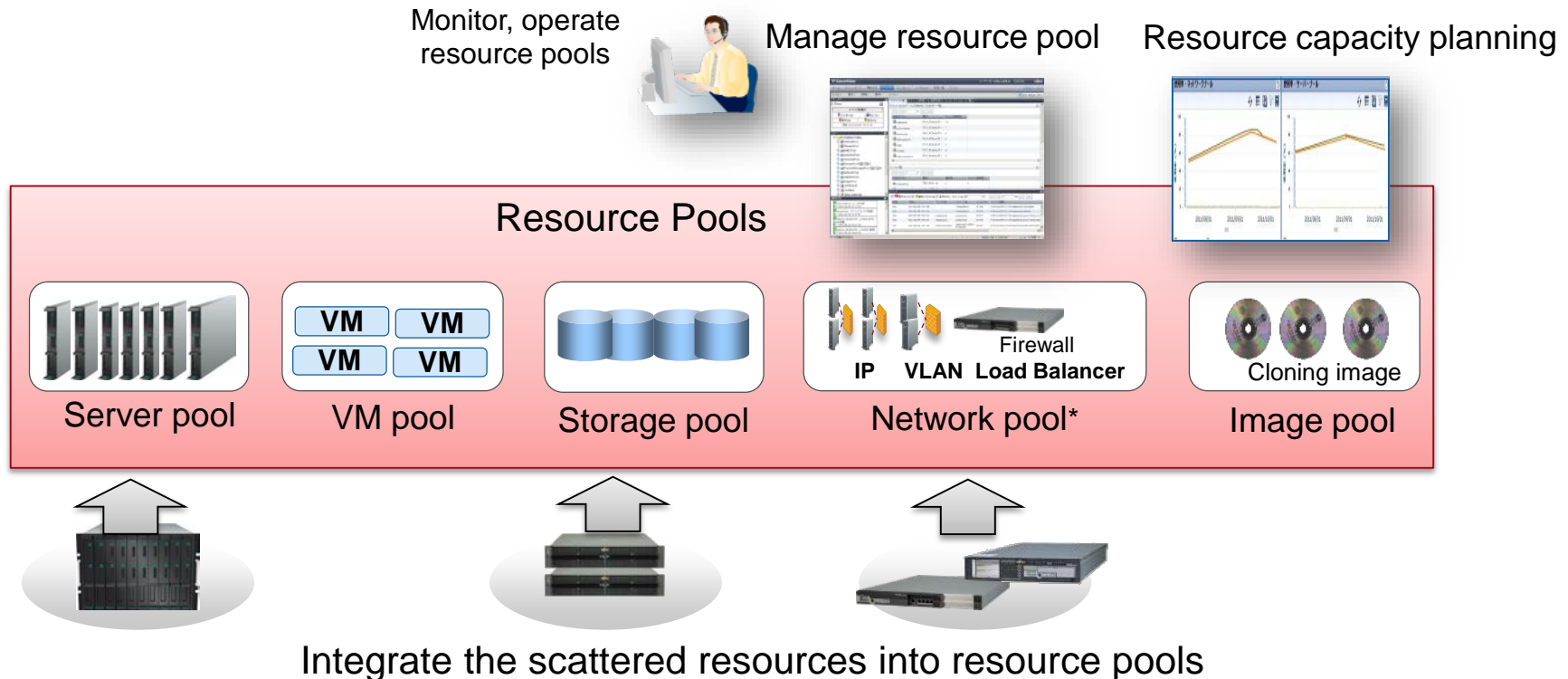
The screenshot shows the 'Snapshot' console with the 'AP1' tab selected. The 'Take Snapshot' button is highlighted with a red box.

ID	Snapshot date	Generation	Comment

Snapshot collect

Improve the hardware utilization ratio by allocating/releasing resources on demand

- Integrate resources into resource pools for central management
- Easy to know the current resource usage and plan for future



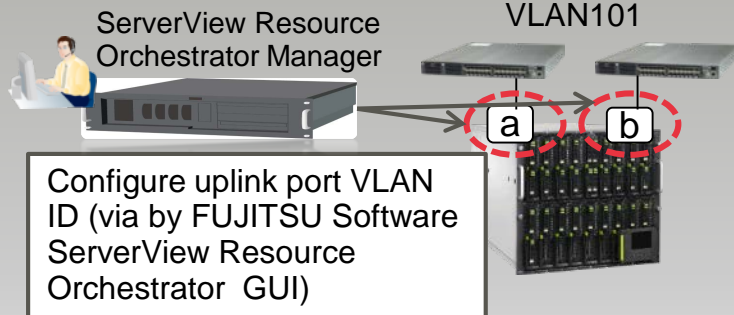
*: Pools to manage the network configuration info (IP, VLAN-ID, physical connection) and network devices (Firewall/Server load balancer)

Reduce operation costs by automating and simplifying VLAN networks

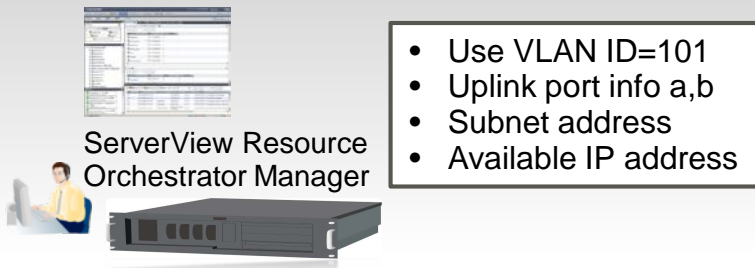
- Automatically create VLAN and virtual networks on the VM host.
- Automatically connect newly created virtual servers into the virtual network

Site Preparation

STEP1: Cabling and decide VLAN ID

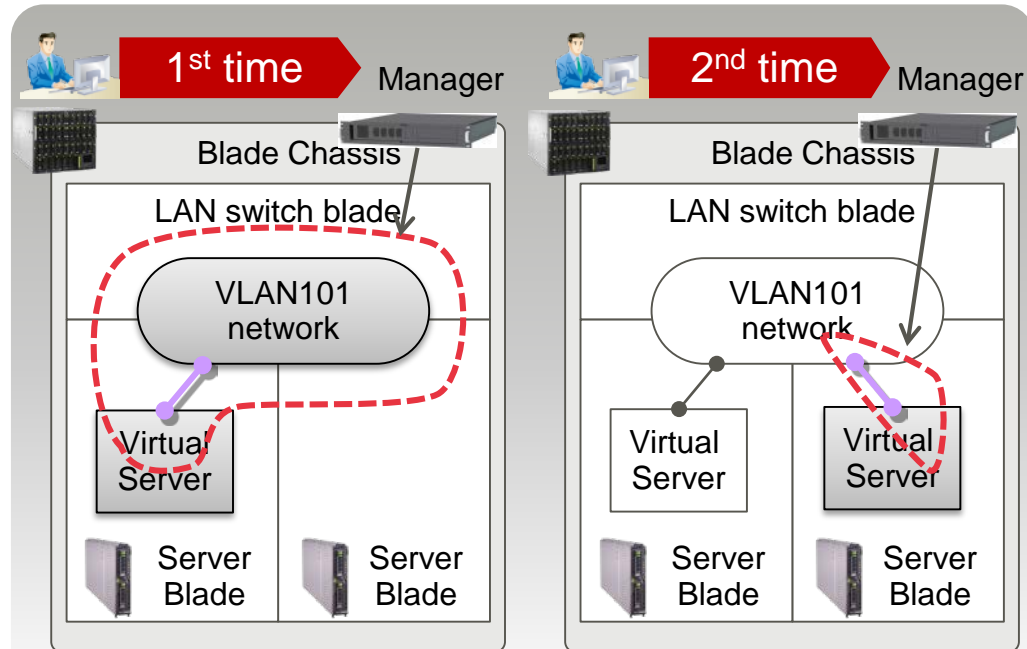


STEP2: Create network resource



:Automated area

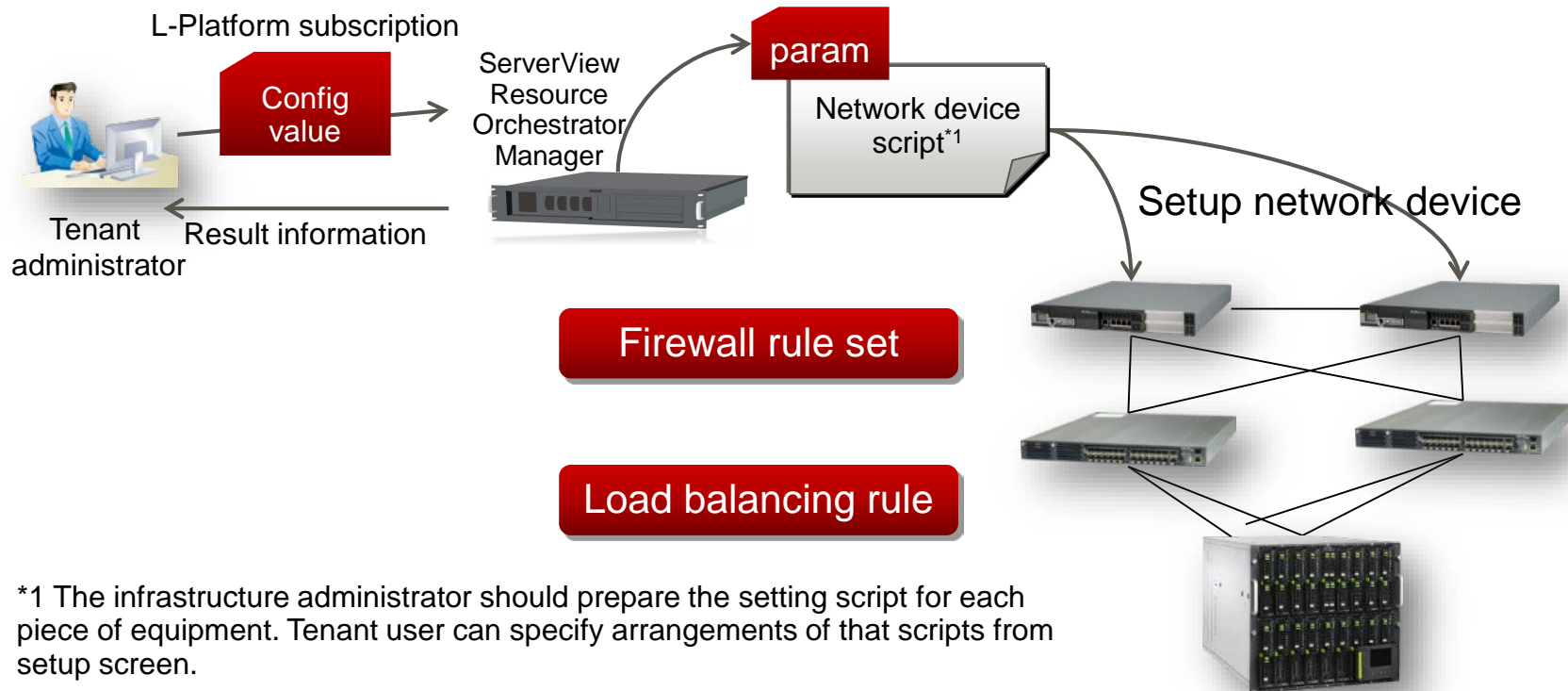
L-Platform subscription



* Sample of VMware ESX/ESXi(vNetwork), Hyper-V on blade server. Automation scope differs from OS/hardware environment

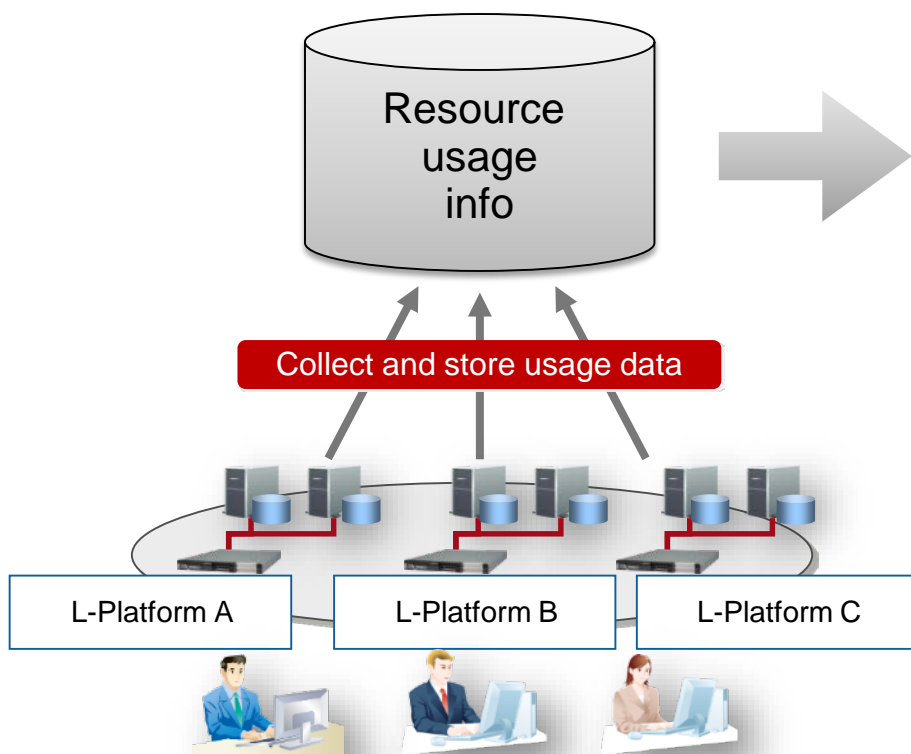
Simplify firewall and server load balancer configuration

- Automatically configure firewall and load balancer when creating/modifying/changing the L-Platform
- Prepare recovery scripts in advance, if the script execution fails, it is skipped and the unfinished configuration is removed automatically

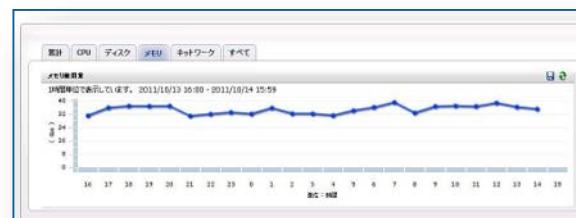


Easy to check the server resource usage and conditions

- Centralized view to show all the L-Platform resources usage
- Reference range can be restricted in accordance with the tenant user and tenant admin's role authority



Display resource usage in graph

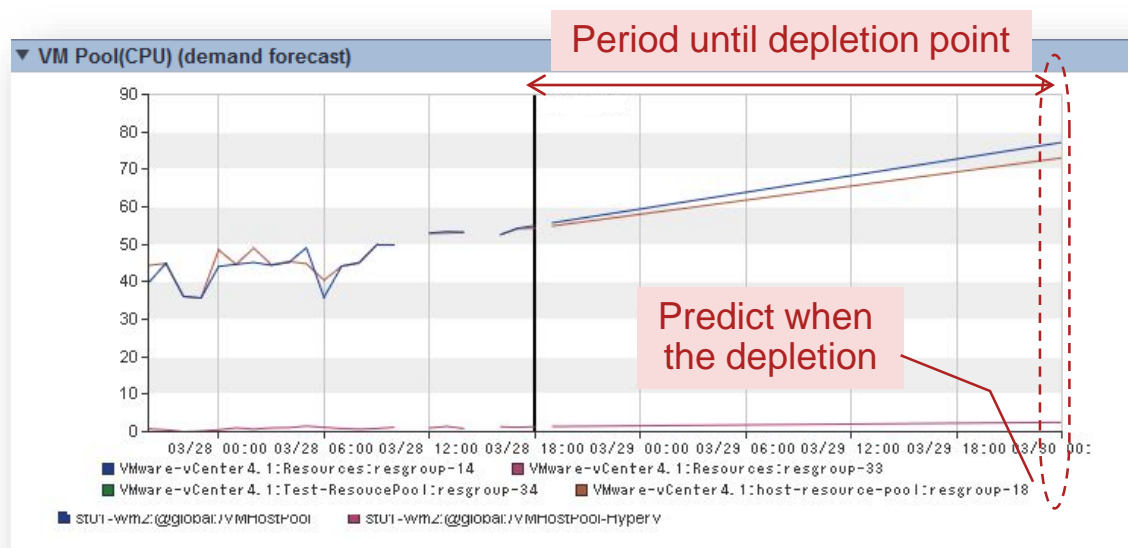


- CPU usage rate(%)
- Memory amount (MB)
- Disk read/write amount (MB/S)
- Disk read/write number (IOPS)
- Network throughput (Mbps)

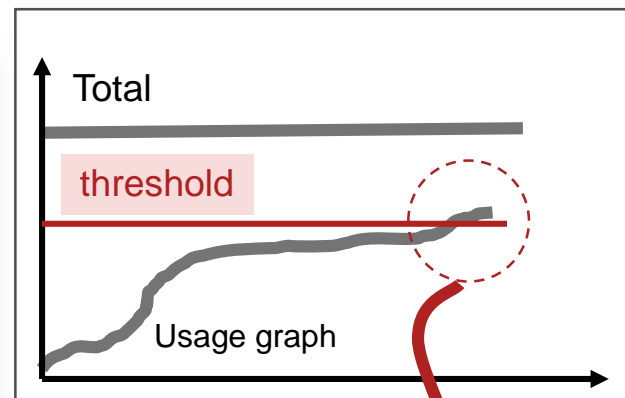
Real time analysis for the best performance

- Predict the future usage based on existing actual data
- Early detection of insufficient resources through threshold monitoring

Regression analysis the usage of the resource pool



Threshold monitoring and email notification



When threshold is exceed



Resolve the VM host insufficient resource problem by optimizing the VM guest relocation

- Resource load is displayed in graph per host, which can be used to check whether the host is over-loaded or under-loaded
- Simulate the VM guest reallocation, to find the best solution and avoid peak time heavy load in advance

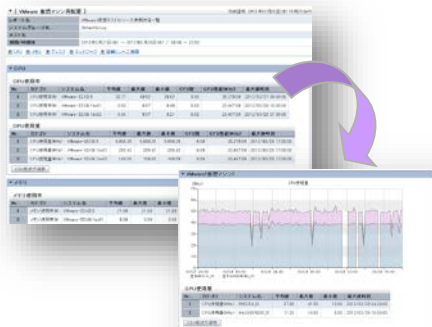
Monitor over-load VM host based on the physical resource amount and usage

Keep running

Based on the result of simulation reallocate the guest OS to avoid the over-load

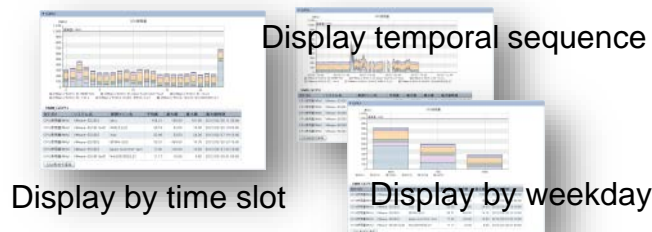
Pre-validate the resource usage by simulating the status after guest OS reallocation

1. Check usage per host

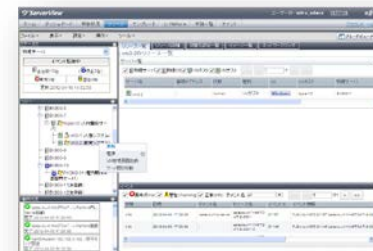


2. Check usage per guest

3. Decide the reallocate guest OS and its destination



4. Refer to the simulation result and migrate the target guest OS

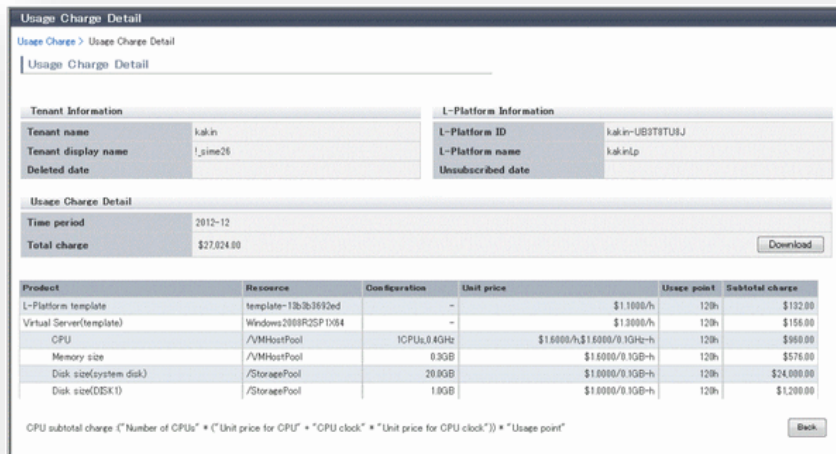


5. Avoid system over load

Flexible billing function based on the customer requirements

- Easy to use monthly billing based on the unit price of L-Platform
- Unit price (master DB) and usage (metering log) can be collected from FUJITSU Software ServerView Resource Orchestrator API, to customize the billing rule

Monthly billing info



Usage Charge Detail

Usage Charge > Usage Charge Detail

Usage Charge Detail

Tenant Information

Tenant name: kakin

Tenant display name: l_sine26

Deleted date:

L-Platform Information

L-Platform ID: kakin-UB3T8TU8J

L-Platform name: kakinlp

Unsubscribed date:

Usage Charge Detail

Time period: 2012-12

Total charge: \$27,024.00

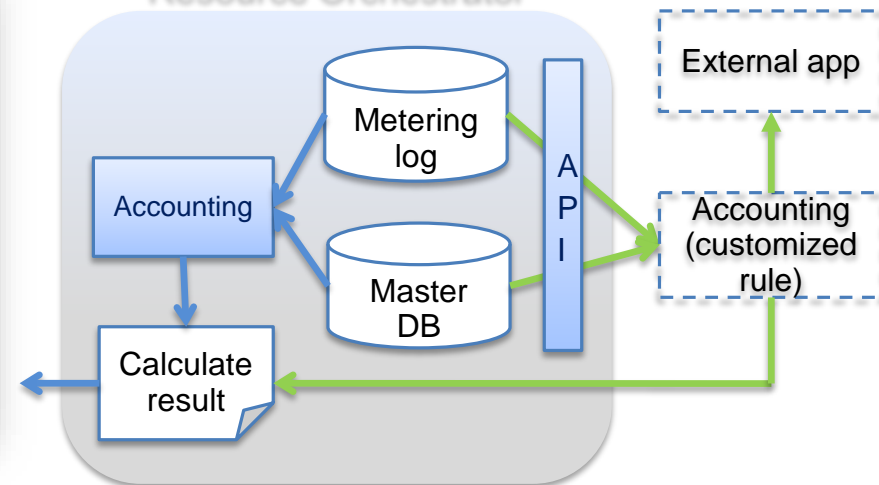
Download

Product	Resource	Configuration	Unit price	Usage point	Subtotal charge
L-Platform template	template-13b3b3692ed	--	\$1,000/h	120h	\$120.00
Virtual Server(template)	Windows2008R2SP1X84	--	\$1,000/h	120h	\$120.00
CPU	/VMHostPool	1CPUx8.0GHz	\$1,000/h	120h	\$120.00
Memory size	/VMHostPool	8.0GB	\$1,000/h	120h	\$120.00
Disk size(system disk)	/StoragePool	20.0GB	\$1,000/h	120h	\$120.00
Disk size(DISK 0)	/StoragePool	1.0GB	\$1,000/h	120h	\$120.00

CPU subtotal charge ("Number of CPUs" * ("Unit price for CPU" * "CPU clock" * "Unit price for CPU clock")) * "Usage point"

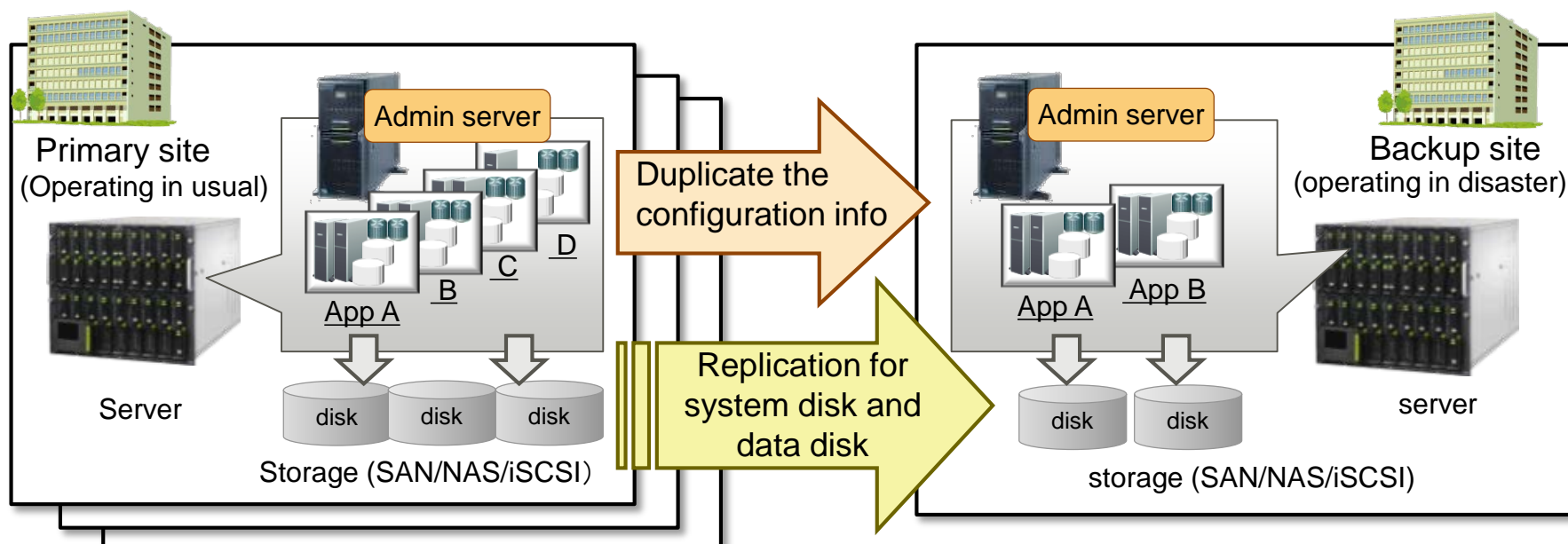
Back

FUJITSU Software ServerView Resource Orchestrator



Quickly recover the private cloud infrastructure on the backup site by replicating the disk contents and FUJITSU Software ServerView Resource Orchestrator configurations

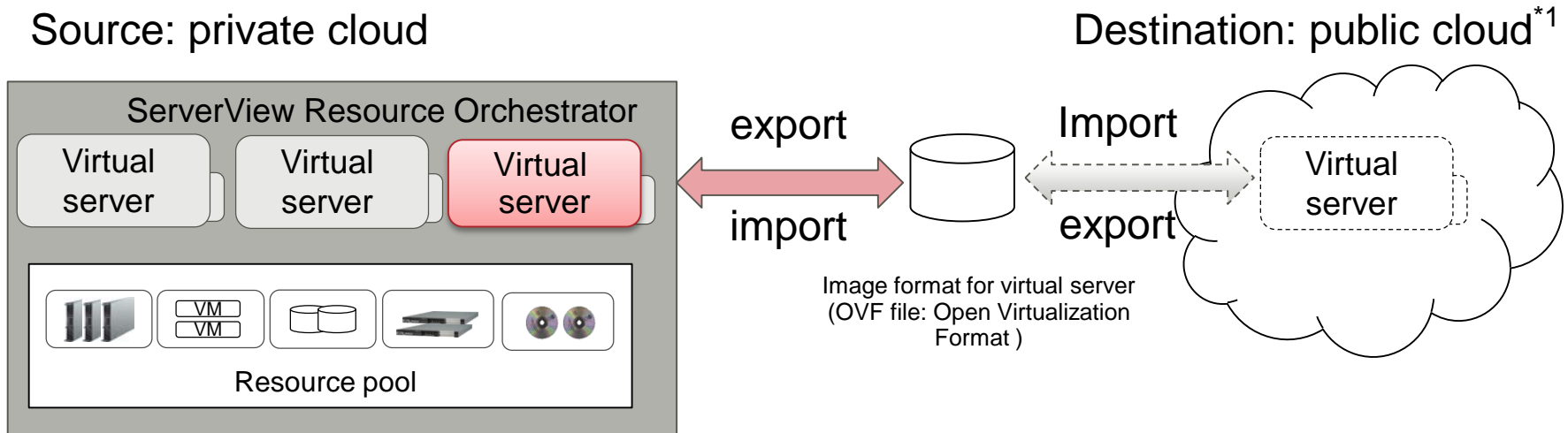
- Both of primary site and backup site can be used as active state (backup site can be used for another purpose)
- In case of disaster, the whole primary site or a part of resources (L-Platform, tenant, etc.) can be recovered. More than one primary sites can share one backup site to reduce spare resources



* This function is activated by "ServerView Resource Orchestrator DR Option".

Realize a flexible migration of virtual server to the public cloud

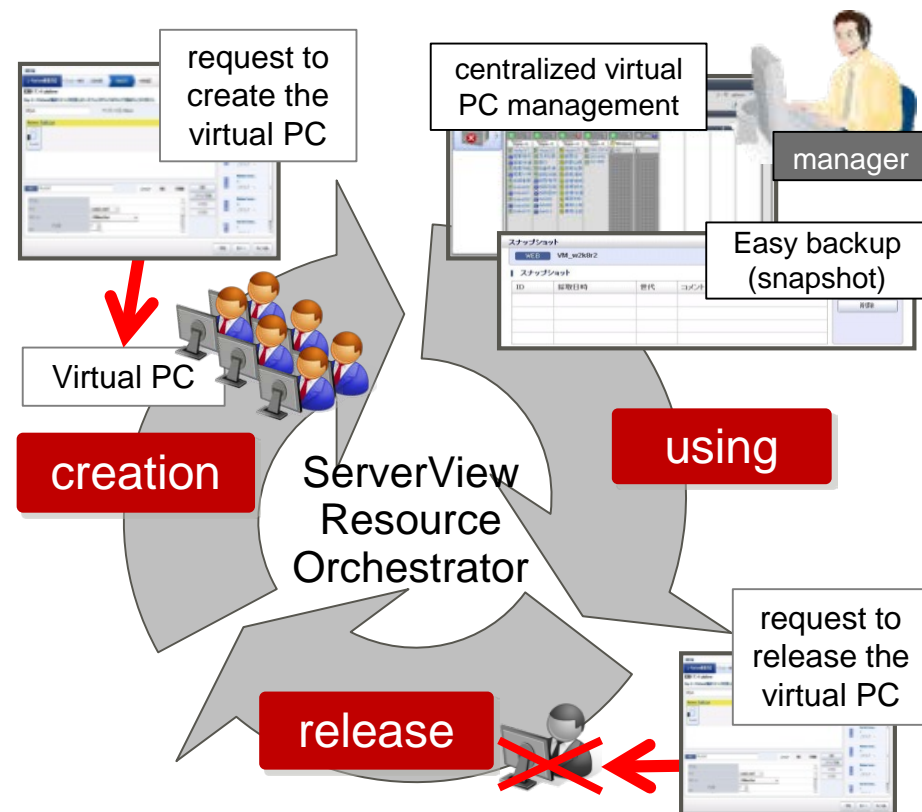
- Export/Import the virtual server image format (OVF file) on the private cloud with a definition information.



*1: Please contact the engineer about the destination cloud.

Decrease the operation costs of the VDI environment

In VDI, timely providing of virtual PC to the user is important like Private Cloud operation. This product can efficiently operate the life cycle of the virtual PC by automatic deployment and visualization of the operation status.



[point 1] timely providing of a lot of virtual PCs

- Shortening at VDI environment creation period (1.5 month*¹) by automatic deployment of virtual PC (including register ActiveDirectory and VDI software).

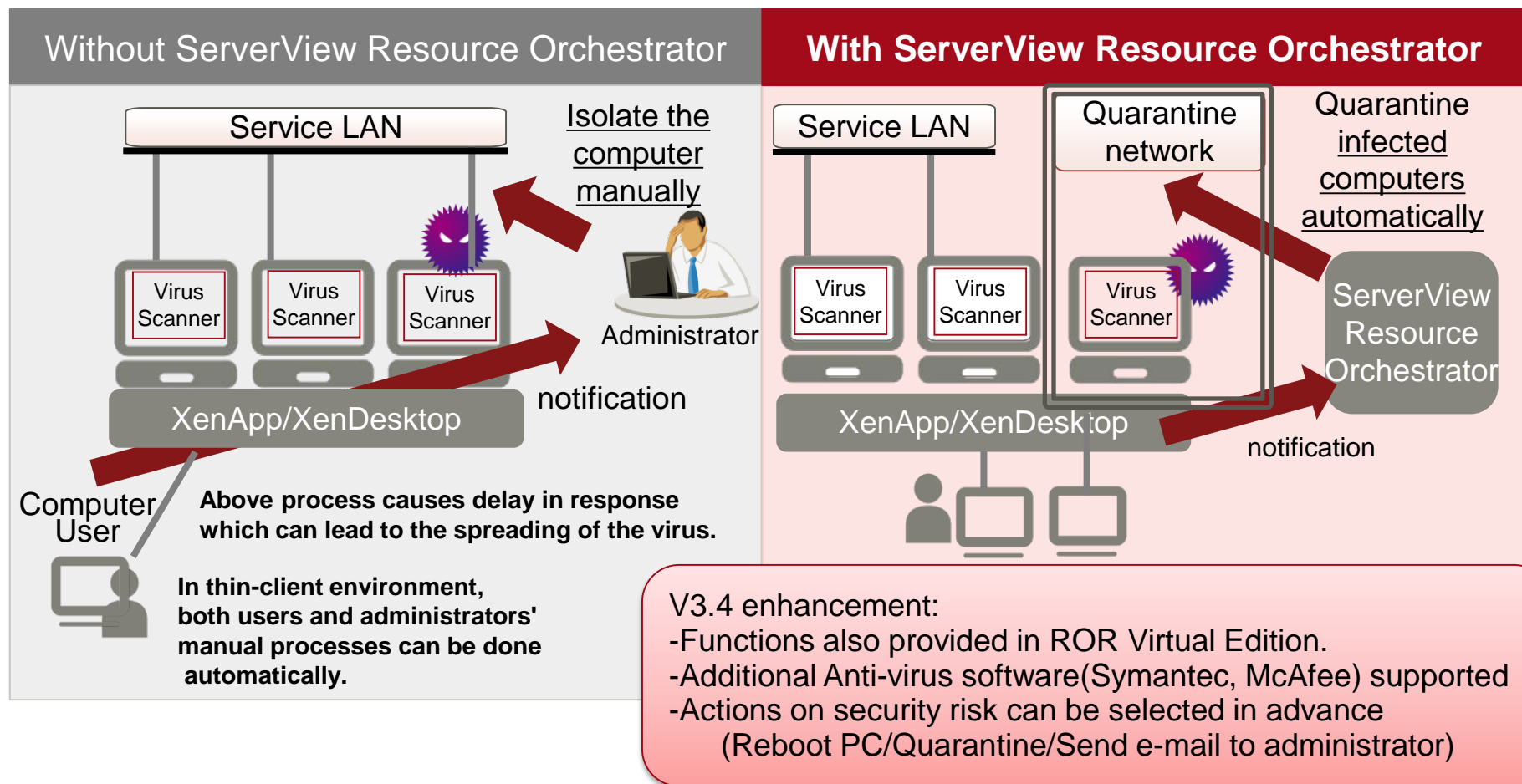
[point 2] easy management of virtual PCs

- The user operation status can be monitored via viewer function.
- Take a snapshot before OS patch is applied.
- Reuse the released resources from user.

*1: an actual sample of a customer

Automatically switch infected computer to the quarantine network

The infected computer is automatically switched to the quarantine network by ServerView Resource Orchestrator, and vice versa.



Dynamic resource management function list

Function		Summary	Virtual Edition	Cloud Edition
Security	Account management	Register/delete users for each tenant		✓
	Access management	Limit operational resource scope based on the user's role		✓
	Automatically Quarantine	Automatically Quarantine virus-infected computers	✓	✓
Service Portal	Resource subscription	Apply for a logical platform (L-Platform)		✓
	Configuration change	Delete/modify the L-Platform configurations after it is created. Define firewall and server load balancer's setting		✓
	Power control	Power on/off L-Platform and L-Servers		✓
	Snapshot	Collect and restore virtual server's snapshot as backup		✓
	Display resource usage	Display CPU/memory usage, power status, Network status, etc. of each L-Platform.		✓
Auto deploy	Service template	Define/modify/customize/publish a service template. Cloning master can be change/delete as well. Define the scripts for the external network device		✓
	Subscription workflow	Manage L-Platform application, approval operation and history		✓
Resource pool	Resource pool	Create/change/move/delete resource and resource pool		✓
	Provisioning	Automate server provisioning within the accessible resources		✓
	Monitor resource usage	Monitor resource pool's usage and forecast. Display and simulate virtual server, virtual host resource usage.		✓
	Disaster-recovery	Move the customer production from primary site to remote backup site		✓ *1
Billing	Billing and accounting	Collect and output the resource usage data which relates with billing (XML/CSV). Calculate and display the billing report on GUI		✓

*1 FUJITSU Software ServerView Resource Orchestrator DR option license is required

Features for Resource management

Simplify blade server management

- Display blade chassis, server blades, virtual/physical servers, OS names
- Easy to confirm status of all servers (powered on/off, error)

The screenshot displays the BladeViewer interface, which provides a comprehensive view of blade server management. The interface includes a top navigation bar with a 'Contact person address' icon, a 'Power control' section with power on/off buttons, and a 'Server Status' section. The main area shows a grid of server blades, each with a status indicator (normal, warning, error, stop) and a power control button. The status indicators are color-coded: normal (gray), warning (yellow), error (red), and stop (blue). The power control buttons are also color-coded: green for power on and gray for power off. The server status section shows the OS and label for each server, including 'Linux' and 'Windows Hyper-V'. The interface also displays the blade chassis (BX600-CH and BX900-CH) and the total number of blades (Total: 10). The status view (warning light) is highlighted with a red box, and the status view (server status and #) is highlighted with a red box. The OS and label is displayed (when the guest OS is migrated to another host, the name is moved as well) is highlighted with a red box.

Status view (warning light)

- normal
- warning
- error

Status view (server status and #)

- None
- Normal
- Warning
- Error
- Stop

Contact person address

Power control

- Green: power on
- Gray: power off

Server Status

OS and label is displayed (when the guest OS is migrated to another host, the name is moved as well)

Easy to identify the network error location and impacted servers

- Display the connection between physical/virtual servers, physical/virtual switches
- Display connections (VLAN/VM, redundant network) and switch port status

The screenshot shows the Network Viewer application interface. The main area displays a network topology with various devices like servers (BX900-10), switches (SR-S724T, SR-S724), and virtual machines (VOLUME31M, VOLUME420, VOLUME11TAST, VOLUME11G1). Connections are shown between these devices. The interface includes a search bar at the top left, a 'Marker(VLAN ID)' dropdown, and a 'Links with errors or warnings' checkbox. A 'Control' panel on the right shows navigation controls (arrows, zoom in/out, reset). Below it, a 'Details' panel shows information for a selected resource, including a table of physical server details and a 'Route Information' section with input fields for 'Route from here' and 'Route to here', and buttons for 'Clear' and 'Route Search'. A 'Map navigation area' is shown at the bottom right.

Resources can be searched and Autocomplete is available.

Network connections related to selected VLAN ID is highlighted.

Network connections with error and warning are only displayed.

Moving, Scaling, Initializing

Detailed information for selected resource is displayed.

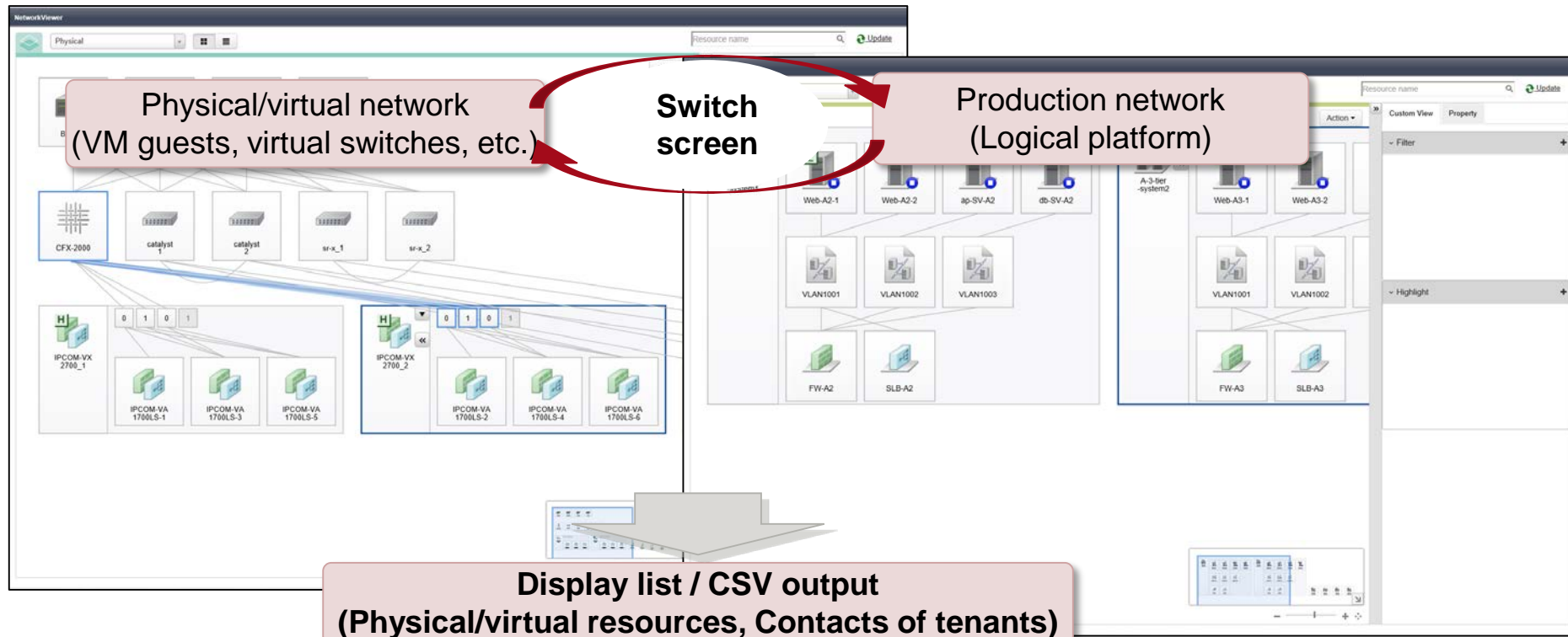
Network route can be searched specifying start and end.

Map navigation area

Physical Server Name	BX900-10-3
Model name	PRIMERGY BX920 S2
Product name	D3030
Status	normal
Slot	3
Maintenance Mode	active
LED status	off
Admin LAN (MAC address 1)	E8:9A:8F:83:D6:76

Strongly support operations management of cloud management

- [Function]
- Display physical/virtual network and corresponding production network (logical platform configuration)
 - Display/output lists of resources and contacts of tenants
- [Benefit]
- Enable administrators to monitor network status from service perspective

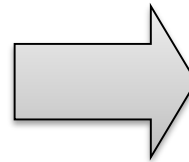
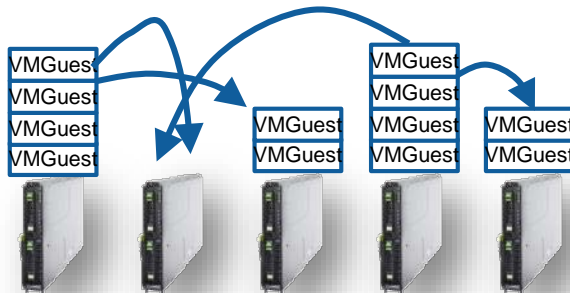


One click to migrate all guest OSs to the original location

- Register the belonging VM host (home position), and move all the guest OSs back to original location automatically
- Home position registration and home position operation can be done for a single physical server or the whole system

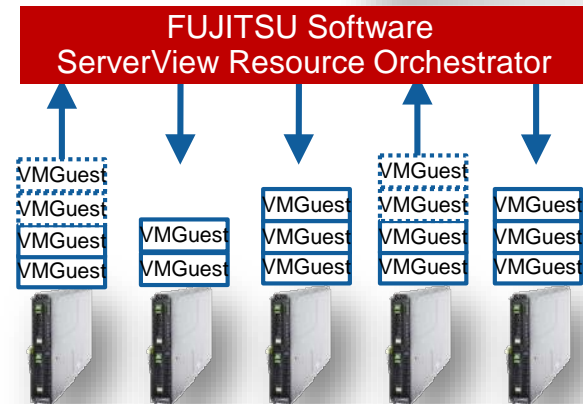
Without VM home position

Sometimes the administrator needs to migrate the guest OSs to other hosts temporarily (during maintenance, etc.). But after that, it takes time to migrate those guest OSs back to the original designated position



With VM home position

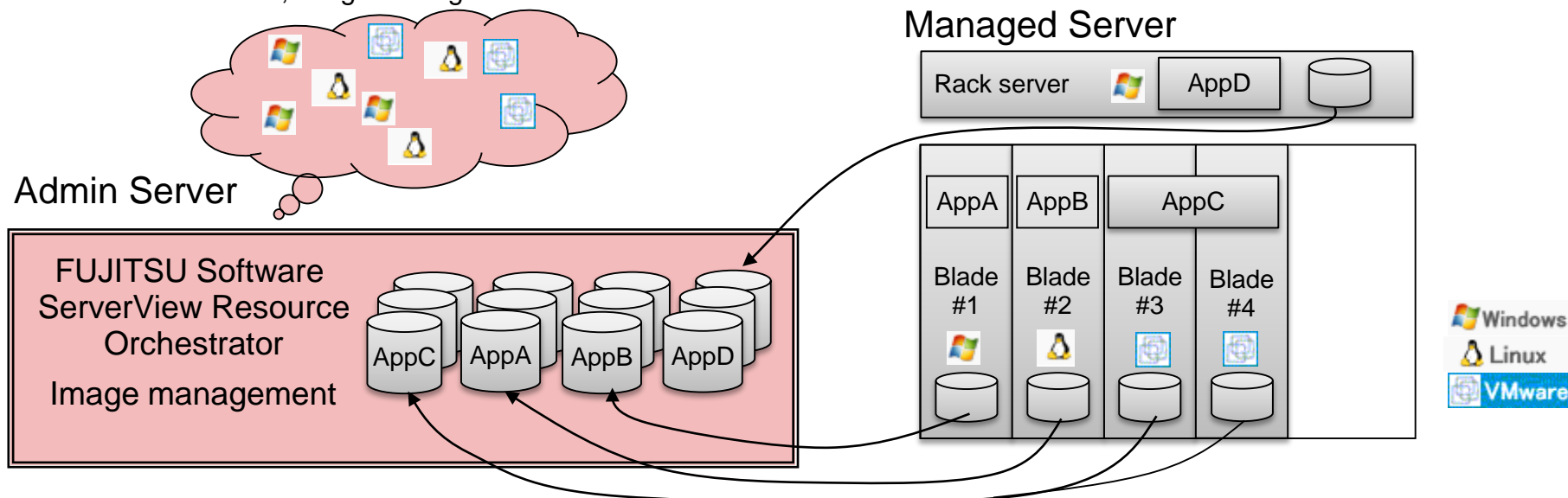
One click will move all the guest OSs to the original designated position



Simplify system image management

- Backup system images, and centrally manage images in FUJITSU Software ServerView Resource Orchestrator manager (keep multiple generations)
- Simple operation from GUI to backup system image. CLI is also provided for automation

Without this function, image management is difficult

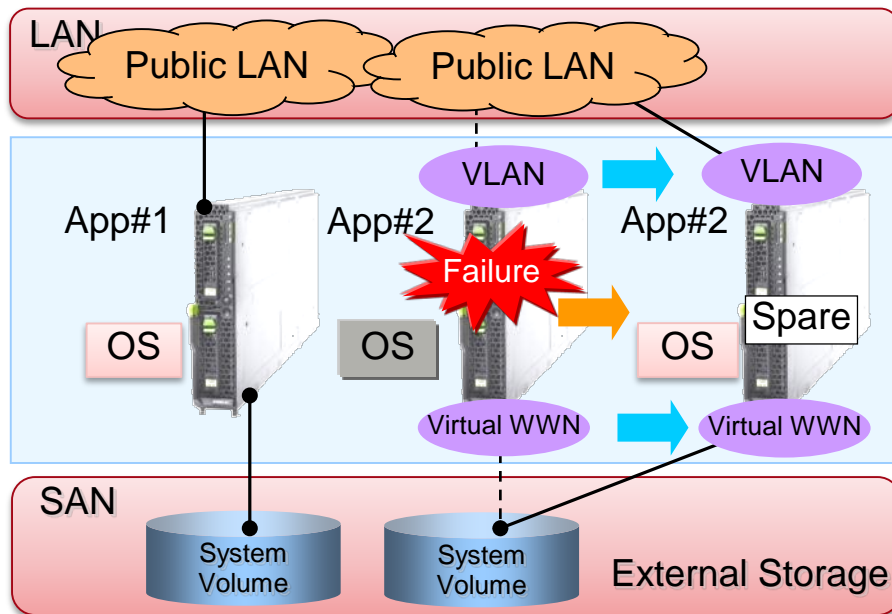


- This function supports iSCSI boot and EFI environment as well (in addition to SAN boot and local boot).
- Backup/restore can be performed for each physical server or VM host.
- Note that VMware vSphere 4/5 host backup/restore is not supported.

N+1 “cold-standby” enables high availability and cost reduction

- Share one spare server across multiple production servers (N+1 cold-standby)
- Auto recovery of failed server on spare server to keep server functional

Ex: FUJITSU Server PRIMERGY BX900+SAN Boot



Server Failover

1. Detect a hardware failure
2. Power off the failed server
3. Configure the network
4. Remap the virtual addresses (when using I/O virtualization method)
5. Restore with the server image (when using backup/restore method)
6. Boot from the spare server

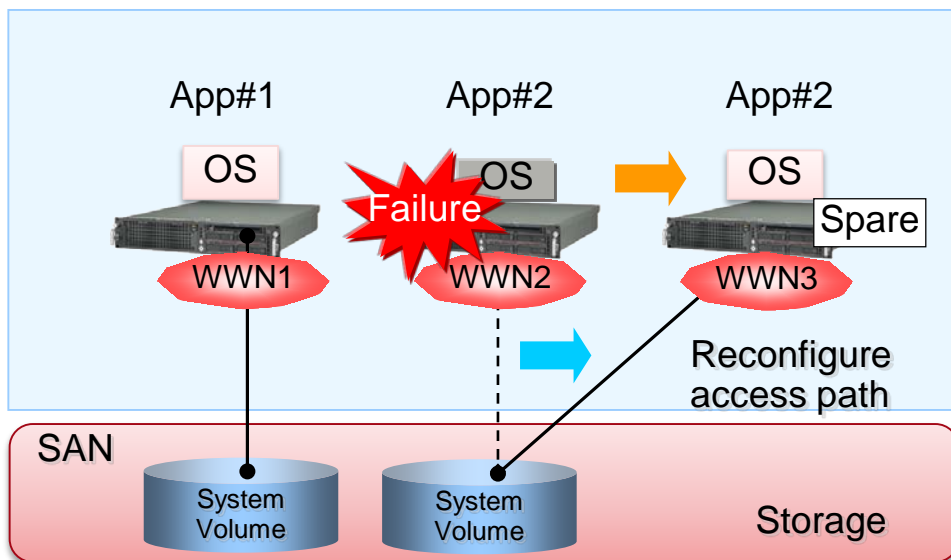
Automation

OS Start

*: Windows server can not share the same spare server with VMware vSphere 4/5 ESX/ESXi servers.

N+1 cold-standby solution on SPARC Servers

- Auto recovery FUJITSU SPARC Servers from a hardware failure
- Integrate with FUJITSU Software ETERNUS SF Storage Cruiser^(*1), FC switch zoning and host affinity settings of SAN storage settings can be automatically switched



*1. ETERNUS SF Storage Cruiser is required for this function

Server Failover

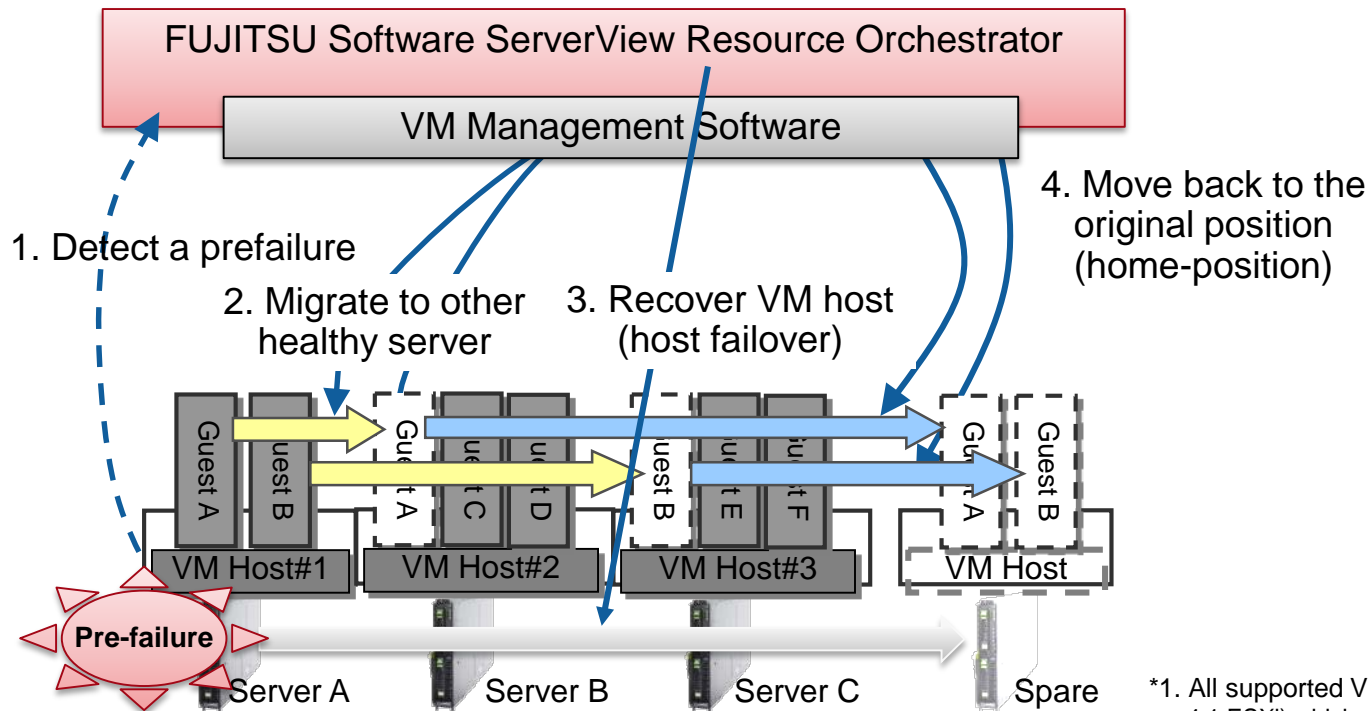
1. Detect a hardware failure
2. Power off the failed server
3. Reconfigure the access path
4. Boot from the spare server

Automation

OS Start

Reduce the risk of server stoppages due to physical server failure

- Pre-failure detection, migration, failover, and move back to the original host (home position), the whole process is automated



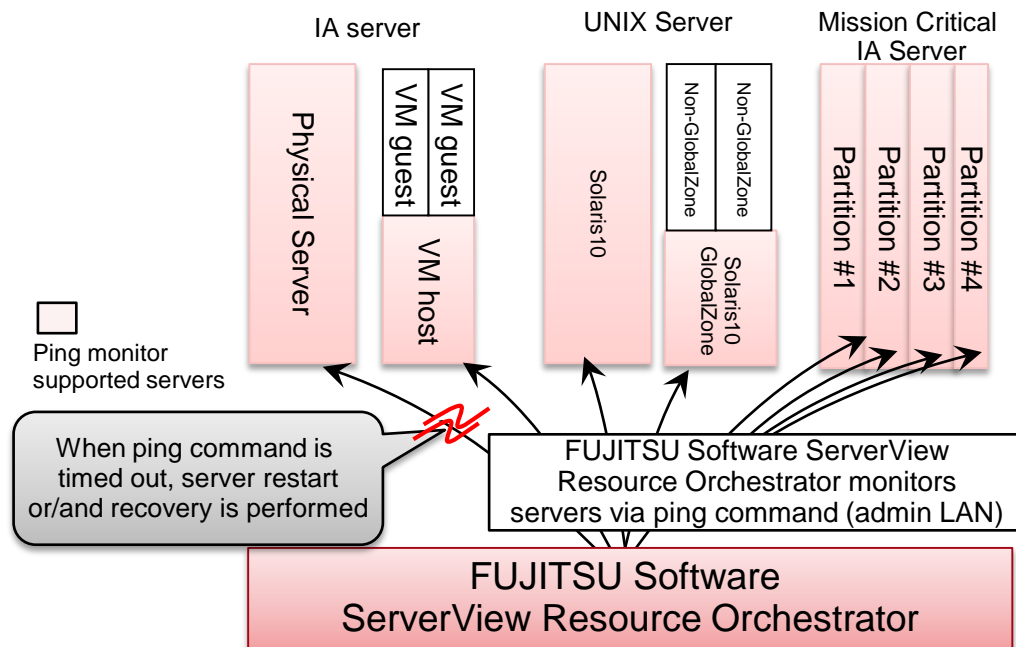
*1. All supported VM software (except for VMware vSphere 4.1 ESXi) which provides migration function can be supported.

*2. This function requires external script (will be published on web site)

Process of prefailure detection until system recovery

Besides server hardware error/pre-failure, OS hang-up is also monitored and can also be auto-recovered

- FUJITSU Software ServerView Resource Orchestrator monitors the managed servers by ping command^(*1). When the server has no response, FUJITSU Software ServerView Resource Orchestrator automatically re-starts the server^(*2)
- When the server has no response after restart, FUJITSU Software ServerView Resource Orchestrator automatically failovers the server to spare server^(*3)



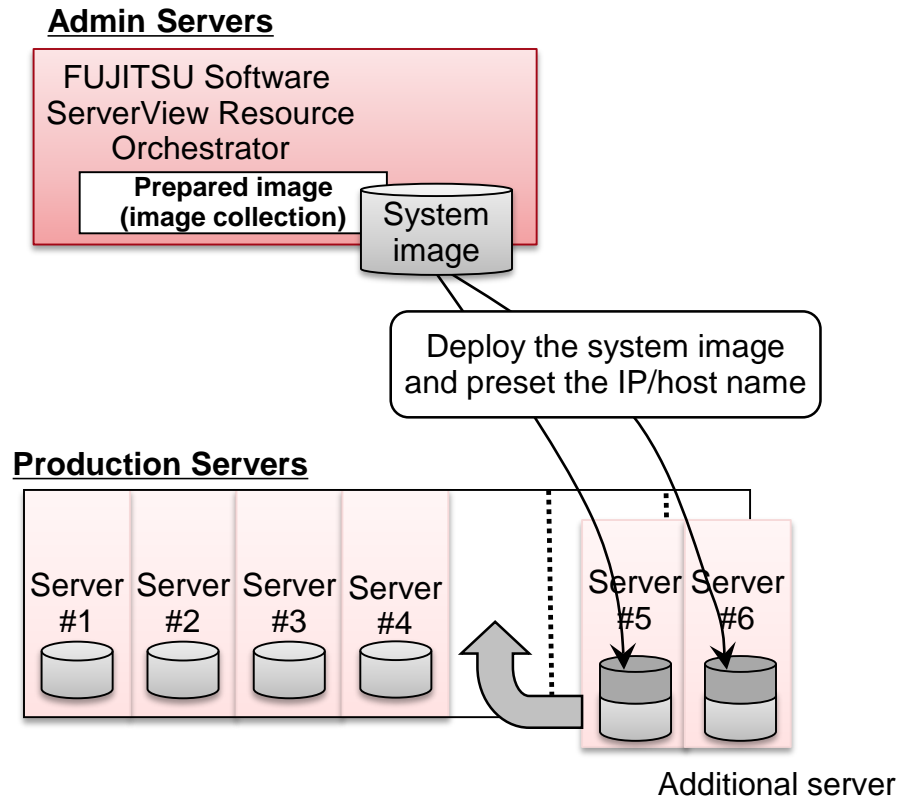
*1. FUJITSU Software ServerView Resource Orchestrator uses admin LAN to monitor the managed server. When this "OS hang-up monitor" option is enabled, the server may be forcibly rebooted when running. Admin LAN redundant setting is recommended.

*2. VMware ESXi is not supported

*3. For servers which doesn't support server failover (FUJITSU Server PRIMEQUEST 2000/1000 Series), the action will be OS restart only

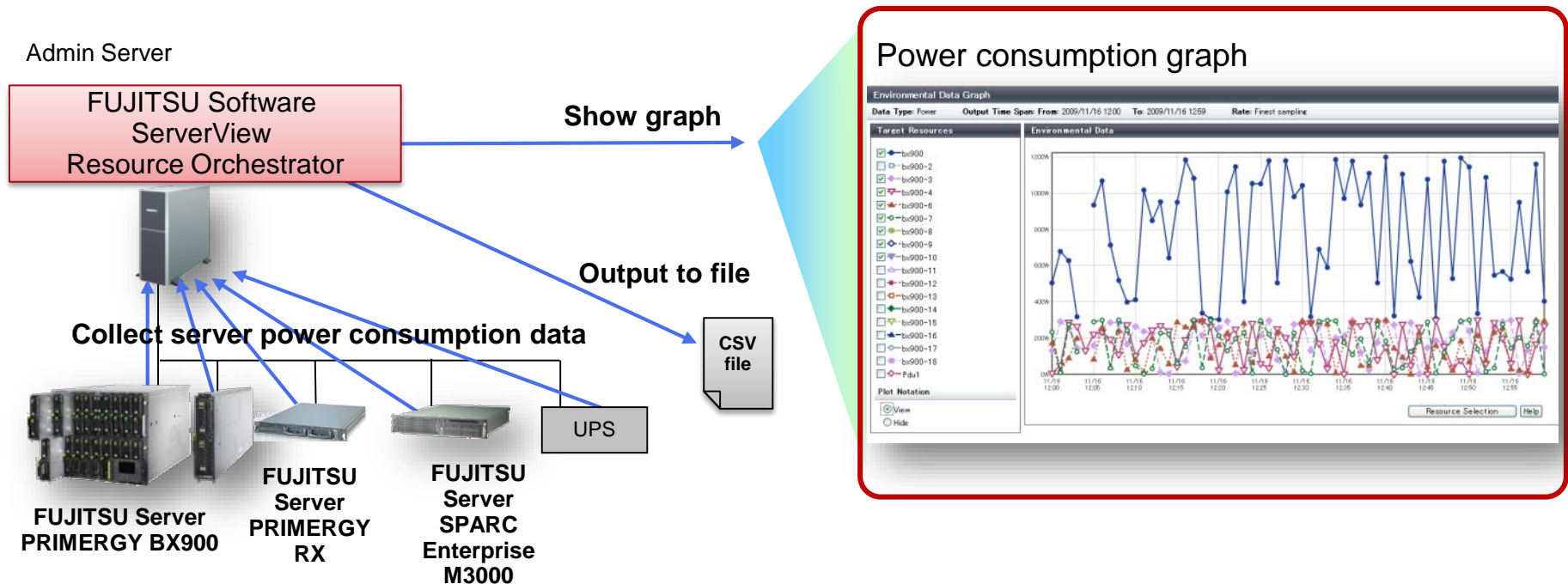
Quick server addition using cloning image deployment

- Using image deployment to setup a new server quickly
- After image deployment, management LAN information is automatically configured



Visualize power consumption and support green IT

- Monitor each IT resources (chassis, server, UPS) power consumption status in real time



Server management function list

Function	Summary	Virtual Edition	Cloud Edition
Configuration display	Display physical/virtual server list, and the relationship of VM host and guest	✓	✓
Server monitor	Monitor physical/virtual server status (normal/stop/warning/error)	✓	✓
Failure monitor *1	Monitor server hardware failure, hardware preailure and vCenter alert. Invoke server failover, force reboot or other external customer scripts	✓	✓
Power control	Physical/virtual server power control ON/OFF (provides GUI/CLI)	✓	✓
Power consumption display *1	Graphically display power consumption amount of server, blade chassis, UPS	✓	✓
Server cloning *1	Quickly deploy native OS to physical server for quick setup (Windows/Linux)	✓	✓
Disk backup *1	Backup/restore system disk of physical server (Windows/Linux)	✓	✓
VM server migration *1,*2	Migrate VM guest to other VM host. One-click to re-migrate back all VM guests to the original VM host position	✓	✓
PRIMERGY blade server management	Monitor blade server in intuitive GUI which shows similar picture as a real blade chassis. Simplify LAN switch blade VLAN setting and display the topology including virtual network and physical LAN switch blade VLAN setting	✓	✓
PQ partition management	Display server partition information (SB,IOB,GSPB). Display virtual network and server NIC vlan setting	✓	✓
Server I/O virtualization *1	Replace physical server without re-configure SAN storage	✓	✓
VM server HA *1,*2	Automatic migrate guest OS to other server when hardware preailure happens on hypervisor	✓	✓
Physical Server HA *1	Switchover and reboot the spare server, when the server OS is hung-up or hardware failure occurs	✓	✓

*1 Function differs from different server type and OS *2 VM management software (VMware vCenter, Microsoft SCVMM) is required

Product information

FUJITSU Software ServerView

■ **FUJITSU Software ServerView Resource Orchestrator Virtual Edition**

- Simplify server management lifecycle by automating server installation, visualizing multi platform systems, and server failover

■ **FUJITSU Software ServerView Resource Orchestrator Cloud Edition**

- Manage resource pools and quickly automate the L-Platform deployment based on the users request to improve the system operation efficiency.

<optional products>

■ **FUJITSU Software ServerView Resource Orchestrator I/O virtualization option (FJ-WWN16)**

- for FUJITSU Software ServerView Resource Orchestrator Virtual Edition / Cloud Edition

- Required for server I/O virtualization function. Provides globally unique virtual WWN number for 16 managed servers.

■ **FUJITSU Software ServerView Resource Orchestrator I/O virtualization (FJ-MAC16)**

- for FUJITSU Software ServerView Resource Orchestrator Virtual Edition / Cloud Edition

- Required for server I/O virtualization function. Provides globally unique virtual MAC number for 16 managed servers.

Functional Differences Between Virtual Edition & Cloud Edition

x: Supported, -: Not supported

Requirement	Functionality	Virtual Edition	Cloud Edition
Centralized virtual/physical server management	Visualize and monitor virtual and physical servers	x	x
	Consistent interface of server management	x	x
Improve server availability	I/O virtualization for flexible connectivity between server/storage	x	x
	Auto recovery from server hardware failure	x	x
	Detect hardware prefailure to avoid virtual server stop	x	x
Provide platform service	Visualization of resource and resource pool usage	-	x
	Auto deploy L-Platform with template	-	x
	Manage L-Platform with service portal	-	x
	Visualize resource capacity and billing	-	x
	Disaster recovery for L-Platform (ServerView Resource Orchestrator DR option is required)	-	x

Support environment (1)

Windows / Linux / Solaris

x: Supported, -: Not supported

OS	Function	FUJITSU Software ServerView Resource Orchestrator	
		Virtual Edition	Cloud Edition
Windows Server 2016	Admin server (Manager)	x	x
Windows Server 2012,2012R2		x	x
Red Hat Enterprise Linux 6		x	x
Windows Server 2016	Managed Server (Agent)	x	x
Windows Server 2012,2012R2		x	x
Red Hat Enterprise Linux 7		x	x
Red Hat Enterprise Linux 6		x	x
Oracle Solaris 11		x	x
Oracle Solaris 10		x	x

Browser (web client)

Microsoft Internet Explorer 8/9/10/11(Desktop) ,
FireFox ESR24/ESR31/ESR38/ESR45/ESR52/ESR60 is supported

Support environment (2)

Server

x: Supported, -: Not supported

Server	Function	FUJITSU Software ServerView Resource Orchestrator	
		Virtual Edition	Cloud Edition
FUJITSU Server PRIMERGY BX/RX/TX	Manager	x	x
FUJITSU Server PRIMEQUEST 2000/1000 series		x	x
FUJITSU Server PRIMERGY BX/RX/TX/CX	Agent	X	x
FUJITSU Server PRIMEQUEST 2000/1000 series		X	x
FUJITSU SPARC Servers		X	x
IPMI 2.0 compatible 3rd party vendor Server*1		X	x

*1: Please contact Fujitsu for details about the supported server vendor/models

Virtual management software

x: Supported, -: Not supported

Software	Function	FUJITSU Software ServerView Resource Orchestrator	
		Virtual Edition	Cloud Edition
VMware vSphere	Agent	x	x
Microsoft Hyper-V		x	x
Linux Kernel-based Virtual Machine (KVM)		x	x
Solaris Zone ^{*2} , Oracle VM Server for SPARC		x	x

*2: Solaris Kernel Zone is not supported.

Support environment (3)

Network devices

x: Supported, -: Not supported

Network device	Function	FUJITSU Software ServerView Resource Orchestrator	
		Virtual Edition	Cloud Edition
FUJITSU Network System SR-X300	Agent	-	X
FUJITSU Network System SR-X500		-	X
Cisco Catalyst		X*1	X*2
FUJITSU Network System IPCOM EX IN series		-	X
FUJITSU Network System IPCOM EX SC series		-	X
Cisco ASA 5500		-	X*3
Cisco Nexus 5000		-	X*4 *6
Brocade VDX (6710,6720,6730)		-	X*5
ExtremeSwitching VDX (6740,6740T,6940 series)		-	X*5
F5 Networks BIG-IP		-	X

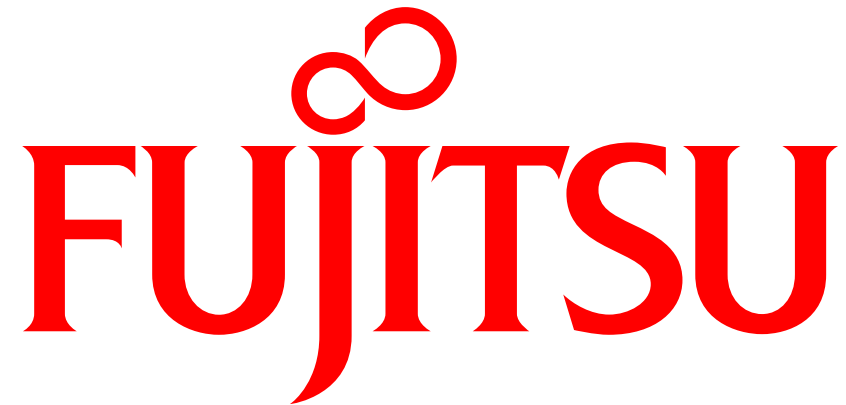
*1: The following series are supported: 2950, 2960, 3560, 3750

*2: The following series are supported: 2900, 2918, 2928, 2940, 2950, 2955, 2960, 2970, 2975, 3500, 3550, 3560, 3750

*3: ASA 5505 is not supported

*4: The following series are supported: 2000, 5000

*5: Support for network device monitor function. For network device auto configuration, the sample script is not provided



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