VANTAGEO
SERVER SUITE

PRODUCT OVERVIEW

Rich Northbound Interfaces such as SMPT, Restful, Syslog & SFTP

VANTAGEO SERVER SUITE – (VSS)

Unified Monitoring	Asset MGMT	Configuration MGMT	Firmware MGMT	OS Deployment	Power MGMT	Fault Diagnosis

Rich Southbound device Interconnections protocol such as IPMI, SNMP, SSH, Redfish, SMI-S and SYSLOG

Vantageo VSS Supports unified display, management, monitoring and Analytics of Vantageo Servers and disk array devices VSS provides enhanced full-lifecycle management capabilities such as assets management, configuration management, firmware management, OS deployment, power management and fault diagnosis effectively ease operation and management efficiently and reduce cost. VSS supports one click deployment in navigation mode. Bare metal and VMs (KVMs and VMware) can be deployed. It supports HAs.

A single-node can manage up to 3000 devices.

KEY FEATURES

Unified Monitoring Analytics

Status Monitoring

- Diagnoses and monitors device management links.

- Analytics engine proactive Mangement

- Supports unified monitoring of server power-on/power-off and health status.

- Supports unified monitoring of equipment component status.

- Supports unified monitoring of equipment inventory status.

- Monitors the service status of the management software

Alarm Monitoring

- Supports receiving device alarms through multiple protocols.

- Supports the alarm synchronization with Vantageo servers

- Supports sending the remote notification to troubleshooting personnel.

- Supports customizing the alarm masking rules

Performance Monitoring

- Supports global monitoring of TOP5 CPU, memory usage, power consumption, and temperature
- Supports out-of-band performance data collection without affecting services or physical isolation
- Supports displaying real-time and historical performance data visually
- Supports self-defining the performance monitoring task view

- Supports anomaly detection

- Support server telemetry including key performance, environmental and power matrix configure manager

Logs Monitoring

- Supports managing the system security logs, operation logs, and system logs
- Supports managing device syslog log reporting, storage, and download

Asset Management

Flexible equipment addition	• Supports device addition navigation, automatic discovery, device shielding, single device addition, and batch import
3D rack view display	• Supports displaying visual 3D and supports adding, deleting and viewing the device location and status
Convenient equipment operation	• Supports operations such as powering on/off, rebooting, or logging in to a single server or a batch of servers using virtual button • Supports remote booting using USB/ CD/ DVD space drives
Rich asset management	• Supports exporting equipment inventory information conveniently on a single device or in batches. • Supports exporting the equipment part inventory report conveniently
Convenient equipment grouping	• Supports grouping the equipment flexibly in accordance with different O&M requirements • Supports scope based access to limit users to specific group of devices
Equipment maintenance query	• Supports querying the detailed maintenance information of the equipment and reminds the remaining maintenance time

Configuration Management

Convenient configuration template management	• Supports regarding the existing server configuration as the template. • Supports the user to import the template after self-editing • Supports software upgrades and patches form remote client using Media/ Image/ folder • REST API for interaction data with automation, ticketing and other tool
In-batches configuration template management	• Supports the in-batch configuration of the equipment • Supports configuring the BMC,BIOS,RAID
Convenient configuration check	• Supports checking the configuration templates in a single server or in batches and checking automatically the actually-configured servers

- Supports checking configuration templates automatically and actual server configurations in batches.
- Supports outputting a report

Firmware Management

Convenient version package version baseline management
- Supports the user to upload the version package
- Supports creating the version baseline for the multi-version package
- Supports the management of the version package repository

Upgrading tasks intelligently in batches
- Provides the navigation management of upgrade tasks
- Checks the task status conveniently and checks the upgrade status in batches at any time
- Provides flexible and intelligent upgrade policy, which can be executed at specified time. The validation status can be selected as required. Provides a flexible and intelligent upgrade policy, which can be executed at specified time. The validation status can be selected as required.

Checking the status of the version conveniently
- Checks the firmware status of all servers in a centralized manner.
- Switches over the active/standby firmware in single server or in batches according to the status

Operating Systems Deployment

Convenient image management
- Support uploading OS images on pages.
- Supports management of image repository
- Supports bare metal deployment

Convenient deployment template management
- Supports you to create, delete, copy, and modify a deployment template conveniently
- Supports you to customize and configure the OS system parameters through the template

| **Deploying the OS tasks intelligently in batches** | • Supports deploying the OS such as centOS and Redhat in batches
• Supports checking the convenient deployment task status and progress
• Supports the timely deployment and processing in flexible mode |

Power Management

Power Consumption Query	• Queries the total power consumption of equipment rooms, racks, and devices. • Displays the power consumption of TOP5 rack devices
Power Consumption Analysis	• Makes early warning for the total power consumption of the rack exceeds the limit • Sets the early warning threshold of the total power consumption of the racks
Cabinet Space Analysis	• Analyzes the rack space utilization ratio
Power Consumption	• Supports power capping hysterical reporting with authentication • Automatically execution rule based redemption • Manage Remote device and Power Control

Fault Diagnosis

Health Check	• Checks the health status of components of the server • Checks the sub-health status of hard disks and memory to identify potential faults in advance • System Security monitoring and notification through E-Mail
Automatic Inspection	• Supports making inspection at a specified time • Outputs visual inspection reports