

4.10 Monitoring Center

Sangfor SCP has a complete monitoring function and alarm mechanism: the monitoring overview can comprehensively monitor three types of objects: virtual machine, physical machine, and elastic IP. Sangfor monitoring center aMC can monitor virtual machines, businesses, databases, etc. Comprehensive monitoring. While monitoring, you can view the platform alarm information through the alarm log and customize the alarm settings.

4.10.1 Monitoring Dashboard

Feature Description:

Sangfor SCP platform can monitor virtual machines, physical nodes, and elastic IPs. By adding monitoring charts, the monitoring information can be displayed as charts.

Precautions:

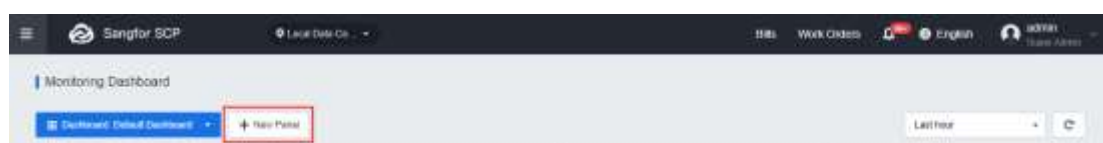
None.

Prerequisite

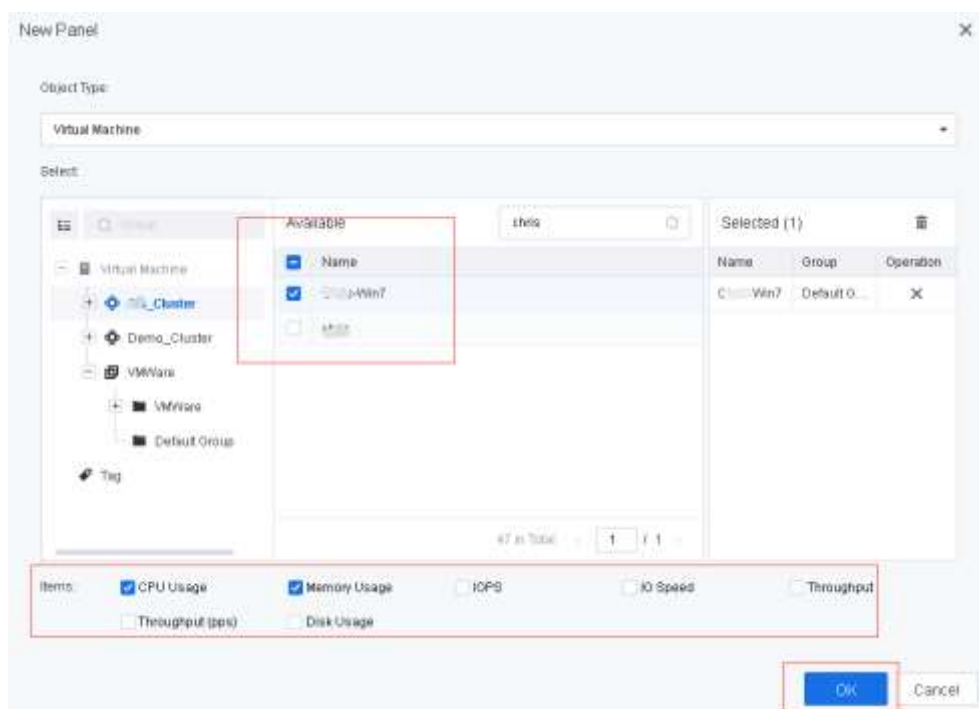
None.

Steps:

Step 1. Login to the SCP and navigate to **Resources > Monitor Center > Monitoring Dashboard**. There will be no monitoring panel by default. You need to add it manually by clicking **New Panel**.



Step 2. Select the virtual machines and **Items** that need to be monitored, then click **OK** to add.



There is currently 50 monitoring panel that can be created on the monitoring dashboard page.

Step 3. You may see the virtual machine dashboard after adding the panel.



4.10.2 Reports

Feature Description:

Sangfor SCP platform can generate and export the report for statistical real-time status and panel of cloud platform resources, based on resource overview, resource pools, clusters, and virtual machine.

Precautions:

N/A.

Prerequisite

N/A.

Steps:

Step 1. Navigate to **Resources > Monitor Center > Reports** to generate and export the report. Export reports by using a template are supported. You can choose the statistics and contents that you need to export.

Reports

Collect statistics of real-time resource usage and monitored items to generate and export a comprehensive report.

Template :

Template: ☒ Not apply ☐ Apply

Statistics

Report Name:

Resources

☒ Resource overview
☒ Resource pools
☒ Clusters
☒ Virtual machines

Customize Columns:

Export As: ☒ PDF (merge VM data into the report. Up to 1000 VMs supported)
☐ Excel (export VM data in a separate Excel file. Platform performance may be effected if the number of VMs exceeds 30,000.)

Resource Pool
 If selected, nodes, databases and summary of resources in the selected resource pools will be included.

Node
 If selected, host hardware configurations and display panels of monitored objects will be included. Where node cannot be selected.

Virtual Machine
 If selected, VM configurations and display panels of VM CPU, memory, IO used, IOPS and throughput will be included.

4.10.3 Monitor Center

4.10.3.1 Alerts

Features:

Sangfor SCP platform will monitor the platform and virtual machine in real-time according to the alarm setting, and all generated alerts will be recorded. Administrators can view the latest alerts or old alerts according to actual need.

Precautions: