



SYMANTEC VCS MONITORING PLUG-IN for ORACLE ENTERPRISE MANAGER

AN OVERVIEW

Overview

The Symantec VCS Monitoring Plug-in for Oracle Enterprise Manager provides **centralised visibility** of Symantec VCS Cluster environments, giving administrators a single view on **component availability and performance at both a cluster and estate level**.

Monitoring and alerting of VCS components is enabled out-of-the-box.

Centrally manage, trend and compare component configuration for Symantec VCS Cluster environments.

Additionally, **configuration standards** can be easily set, checked and enforced at a site level.

By centralising estate management, the plugin can facilitate a **reduction in cost and complexity** within environments that use a combination of VCS and Oracle components.

Centralised visibility:

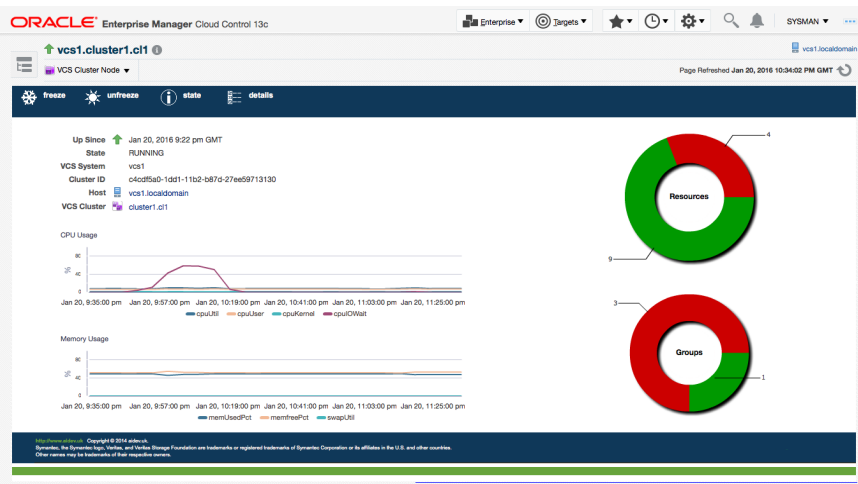
- **Monitoring of performance, cluster availability and component status**
- **Metric collection and alerting** enabled out-of-the-box
- **Single view of component status and performance at both cluster and estate level**

Centralised configuration collection and management

- **Configuration collection enabled out-of-the-box**
- **Compare and trend** configuration changes
- **Assist compliance** requirements and **enforce site specific standards**

Direct integration into the core features of EM:

- **Availability and performance monitoring**
- **Historical and realtime metrics**
- **Blackouts**
- **Corrective Actions**
- **Incident rules and alerting**
- **Advanced notification methods**
- **Reporting framework**

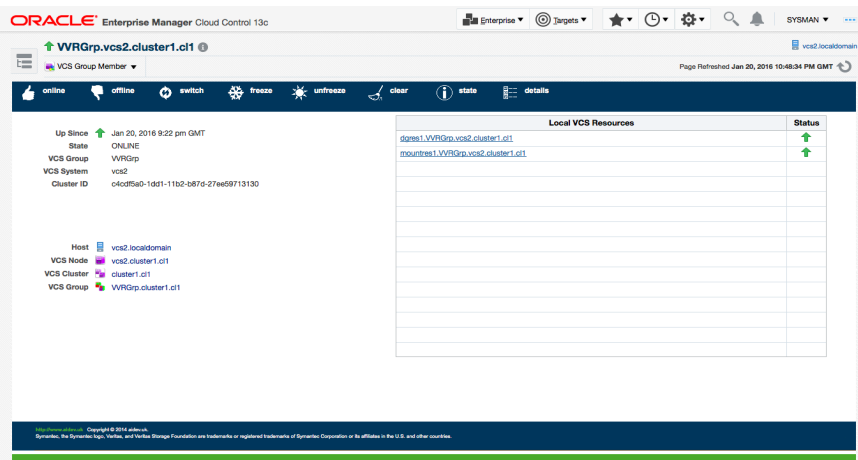


The plugin **integrates directly into the core features of EM**, transparently linking into such features as the monitoring/alerting framework and reporting capabilities. This is enabled out-of-the-box.

Additionally, administrators can **customise monitoring and alerting capabilities** through standard EM extensibility features such as metric extensions and monitoring templates/collections.

Additional benefits:

- **User customisation** through Metric Extensions and the EM reporting framework
- **Site Standardisation** through Monitoring Templates, Template Collections and Administration Groups
- **Correlate cross-component** availability and performance
- **Increased operational efficiency**
- **Centralised component control directly from within the EM user interface**



Administrators can also **centrally control VCS components** from within the EM user interface, helping to improve productivity and reduce environment management tasks.

Centralised visibility of performance and availability

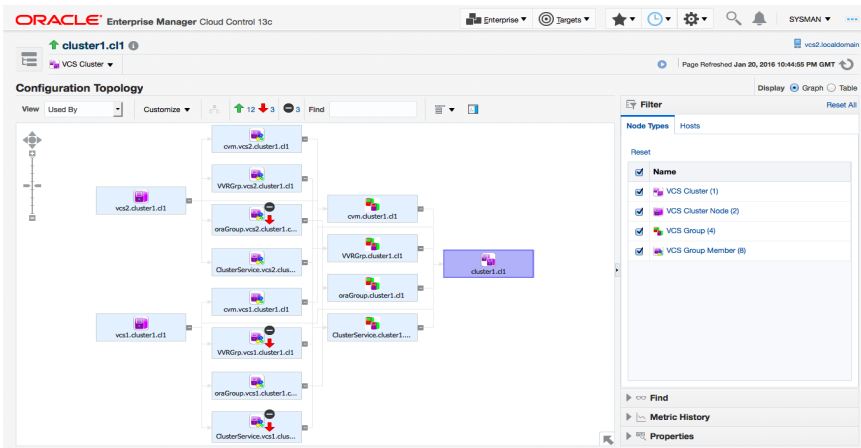
The Symantec VCS Cluster Monitoring Plug-in for Oracle Enterprise Manager provides a **centralised view of the VCS enterprise**.

Out-of-the-box functionality within Oracle Enterprise Manager extends this functionality for non-VCS targets (for example hosts or Oracle databases). By grouping related targets together, administrators can **gain a true top down view of all application tiers**.

Associations are defined for VCS targets during target discovery. Enterprise Manager users can **easily combine related Oracle and VCS components together to logically model complex application stacks**. This links directly into the Enterprise Manager topology viewer framework and **significantly assists problem analysis** across the technology mix.

Estate management benefits:

- Help **reduce monitoring complexity** by managing many as one in a consistent manner
- **Centralise** all motoring and configuration information
- **Lower total cost of ownership** of estate management
- **Single pane of glass view** of all VCS cluster components through topology viewer



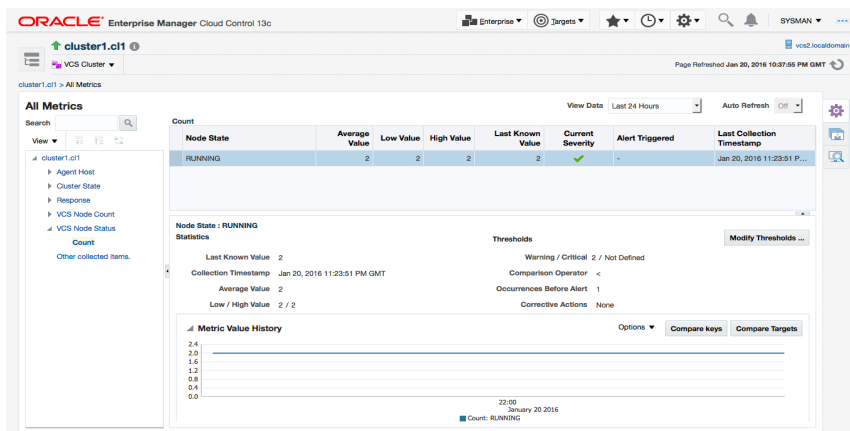
The VCS Cluster Monitoring Plug-in for Oracle Enterprise Manager **automatically collects availability and performance metrics** using pre-defined thresholds, immediately alerting administrators of any issues.

Enterprise Manager users can **access both realtime and historical metric information** directly through the application console.

Administrators can **standardise, extend and automatically enforce monitoring and alerting behaviour** through the use of monitoring templates and template collections.

Key performance indicators include:

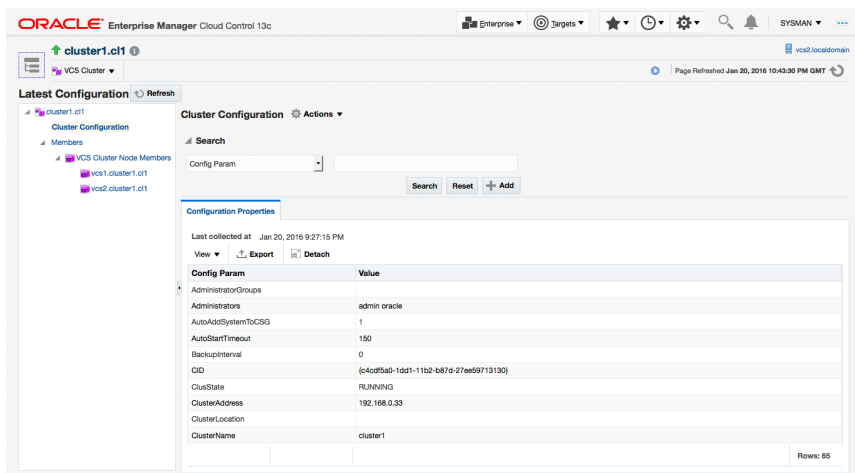
- **component availability** at a cluster, node, group and resource level
- component **running status**
- cluster **frozen/disabled status**
- related **OS performance statistics and host availability**



Centralised configuration management and standardisation

The VCS Cluster Monitoring Plug-in for Oracle Enterprise Manager **integrates directly** into the existing Enterprise Manager configuration management framework. Collection is enabled out-of-the-box and is by default gathered daily for all components.

Administrators can leverage access into centralised configuration information to **enforce site-specific standards, identify nonconforming components and track configuration changes** across the estate.



Configuration management features:

- **View detailed configuration** snapshot information and **track historical changes** across the entire estate.
- **Assist compliance requirements** and **enforce site standards** through cross-component **configuration comparisons**.

Direct Integration with EM

The VCS Cluster Monitoring Plug-in for Oracle Enterprise Manager **integrates directly** into the existing Enterprise Manager alerting, incident management and notification frameworks.

Administrators can **define incident rules** to initiate actions based on metric conditions, alerting through advanced notification methods such as email or SNMP traps. Rules can be created to automatically raise or manage incidents within EM, assigning to administrators.

Direct integration with the following EM features:

- **Blackouts**: prevent alerts from being raised during maintenance or planned outages.
- **Metric extensions**: complement out-of-the-box monitoring through custom metrics.
- **Corrective Actions**: ensure that predefined responses to alerts are automatically actioned before users are affected.
- **Groups / Systems**: group like or related targets together, and manage as one.
- **Monitoring Templates and Template Collections**: standardise monitoring settings, manually apply to targets/groups or implement automatic enforcement through administration **groups**.

Centralised component control

The VCS Cluster Monitoring Plug-in for Oracle Enterprise Manager allows direct component control from within the EM user interface.

Through the use of EM security credentials, administrators can perform such tasks as stopping, starting, freezing or switching service groups between VCS systems without the requirement of logging on to the physical host.

Product compatibility:

- Oracle Enterprise Manager Cloud Control version 12.1.0.3.0 and above, including 13c.
- Symantec VCS version 5.1 and above
- Compatibility with direct and privilege delegation tool controlled monitoring (eg. sudo)
- Simple wizard driven VCS target discovery



NEED FURTHER INFORMATION? email info@aidev.uk for more details on this product and how to join up with us.