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.

**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

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.

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.

**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

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 monitoring 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 (e.g. 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.