
PATROL[®] for Veritas Volume Manager[™] by OTL Software

Release Notes

Version 2.1.01

April 27, 2011



These release notes contain more up-to-date information that may supplement or supersede information found in the PATROL[®] for Veritas Volume Manager[™] by OTL Software User Guide.

The following topics are discussed:

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What's New

Version 2.1.01

These topics describe the new features and enhancements added in this version of *PATROL for Veritas Volume Manager by OTL Software*.

Enhanced KM Monitoring Failover

KM failover now supports servers clustered using *Oracle Solaris Cluster*, or *Veritas Cluster File System*, in addition to the *Veritas Cluster Server*. It is also possible to monitor in other cluster applications by configuring the remote PATROL Agent node login.

Using the Agent-to-Agent communication, the VVM KM can check the monitoring mode of the remote node and resume monitoring in the event of a failover. The same method can be used if the KM is installed on few nodes of the cluster.

The remote PATROL Agent node login includes a time-out and number of attempts, which are used before determining the remote monitoring status and to avoid immediate failover.

The remote PATROL Agent monitoring status checking can be disabled, if required. Then the failover follows the *master* cluster node or the *online* status of the cluster service group.

Current monitoring status can be checked through parameter `VVMMonitoringMode` and new InfoBox items displaying the current active monitoring node.

Enhanced Daemon Monitoring

Daemon monitoring is modified to support multiple processes when calculating memory size, CPU time and overall state.

Compatible with BMC ProactiveNet Performance Management v2.8

The BMC Portal integration is rebuilt using the latest SDK for Portal v2.8 and threshold settings are more appropriately configured.

Support for BMC Installation Utility

Additional installation files are included in the download to support *Installation Utility*.

Trial License Status

The free 30-day trial license for the VVM KM is loaded automatically, and the number of trial days left is displayed in the main container instance label.

Version 2.1.00

These topics describe the new features and enhancements added in version 2.1.00 of *PATROL for Veritas Volume Manager by OTL Software*.

Support for Veritas Volume Manager on Windows platforms

This version implements support for Veritas Volume Manager on Windows platforms. General look and feel of the product has been kept unchanged. However, some parameters that have been available on UNIX platforms are not applicable on Windows and some new parameters that are specific to Windows platforms have also been introduced to represent objects with details that are inherent to the platform it operates on.

On most BMC consoles, VVM KM parameters that are specific to a particular install instance are displayed. However, on BMC Portal console, the PADM/PAR solution includes full parameter ensemble for all supported platforms. This allows deployment of the solutions across managed nodes with different platforms with a single solution file. It also implies that some of the displayed parameters may not be applicable for a particular managed node platform and they will appear to have no data.

Refer to *PATROL for Veritas Volume Manager User Guide* for parameter details.

BMC Portal PADM/PAR Support for Upgrade Descriptor

This version includes a new Portal PADM/PAR file, which incorporates upgrade descriptor(s) to facilitate Portal solution upgrades from version 2.0.x.

What's Changed

Version 2.1.01

These topics describe the changes included in this version of *PATROL for Veritas Volume Manager by OTL Software*.

Enhanced Status Events

All events triggered by the VVM KM status parameters are changed to include the state information.

Changeable to KM Paths

VVM KM temporary paths (KM_TEMP & KM_DEBUG) can be changed using the menu **Configuration => Paths**.

Updated Documentation

The User Guide is updated to reflect all the above changes and new features.

Version 2.1.00

These topics describe the changes included in version 2.1.00 of *PATROL for Veritas Volume Manager* by OTL Software.

PADM integration is now compatible with BMC Performance Manager Portal 2.6

The PAR file is generated using the latest SDK for Portal 2.6 and threshold settings are more appropriately configured.

Support for use of default Agent account for KM monitoring data collection command execution

This new feature facilitates the KM to use Agent login details when running various data collection commands and eliminates the dependency on having to require a separate KM OS Login account to be configured and kept up-to-date.

The KM Status Report includes Monitoring Mode

The KM Status Report now includes Monitoring Mode for completeness of reported application details.

VVM KM Failover in a Windows Veritas Cluster Server™ Environment

When the VVM KM is installed on every system in a VCS environment and, by default, each installation carries out monitoring of VVM application independently of one another. The KM has previously supported VVM monitoring through a single master node of a cluster on UNIX platforms. Now, the same single master node monitoring is available on Windows platforms as well. A master node is where the configured KM failover VCS service group is *ONLINE*. On all other systems the VVM KM runs in a passive/standby mode, until the configured KM failover VCS service group fails over.

Known Issues and Workarounds

This section lists all known issues with this release of *PATROL for Veritas Volume Manager*, and their workarounds.

The *PATROL for Veritas Volume Manager* does not support *csh*. The KM and Patrol user accounts on UNIX platforms must not be configured to use *csh*.

If the PATROL Agent version on the managed system is earlier than V3.5.30, PATROL Central Consoles does not display KM icons or images correctly.

If the PATROL Central - Web edition version is earlier than V7.5.50, the context sensitive online help gives an error message.

Corrected Problems

Version 2.1.01

The following problems were reported in earlier releases and have been corrected in this version of *PATROL for Veritas Volume Manager*.

Problem Number	Corrected Problem	New Behavior
3174	SOW displays "Valid paths not found. Please configure in menu" on AIX	/opt/VRTS is added as supported VxVM install path.
3186	No Diskdevice instances are discovered on Linux	This impacts all platforms with diskdevice names including '^' character. The command is corrected.
3187	No Diskdevice instances are discovered on Linux	Linux related commands and packages are updated.
3234	Sudo path change is not read without an agent restart	Variable reset when the menu is used.
3250	Unnecessary sudo usage for non-privileged commands	Commands are corrected to not use sudo, if not required.
3251	Disabled vxconfigd mode is not alerted	vxconfigd daemon mode is checked and alerted if it is disabled.

Version 2.1.00

Following problems were reported in earlier releases and have been corrected in version 2.1.00 of *PATROL for Veritas Volume Manager*.

Problem Number	Corrected Problem	New Behavior
3003	KM is enabled or active even when it discovers unsupported NodeType	The KM is correctly enabled on supported NodeTypes only.
3009	VVM objects are not discovered with error "Operation requires a disk group" on AIX	Objects are accurately discovered.
3010	Application commands can lock up KM when configured with a sudo user account	The KM carries on to proceed to discover the monitored environment.
3011	Portal Uninstall procedure is incorrect on Portal 2.x versions	User Guide has been updated with correct procedures.
3012, 3013	Daemon parameters are not set with appropriate values on UNIX.	Parameters are set correctly.
3118	LoginStatus in Warning on HP-UX (FILESYSTEM_USAGE)	Command is corrected and does not set LoginStatus to warn.

Problem Number	Corrected Problem	New Behavior
3123	User Guide contains outdated 64bit registry issue & incorrect product references	Documentation contains correct details.
3124	User Guide & Release Notes, miscellaneous updates and corrections	Documentation contains more updated and correct details.
3036	VVMDaemonProcessCount is offline when the daemon is not running	It is now correctly set to 0.
3056	Product documentation does not mention csh not being supported.	It is now included in "Known Issues and Workarounds" section of Release Notes.
3129	No KM SETUP instance and CPU usages spikes	The SETUP instance appears correctly and no spikes in CPU usage is observed.
3142, 3153	Product documentation corrections	Correct distribution file types zip & tar.Z are now documented in Installation procedures on User Guide. Online Help is updated with minor corrections.
3144	VVMVolume[Logging Kernel]Status event text does not clearly specify which Status parameter the event is for.	Event text includes necessary details.
3145	VVMVolume[Kernel]Status only warns on severe states	Warning & Alarm threshold values are now appropriate.
3152	PADM/PAR solution general product details are unclear	Product Name on Portal Tab reads "BMC PM for Veritas Volume Manager (Agent-based) by OTL Software" instead of "vvm". Also, Main instance is labelled "Veritas Volume Manager - Using VVM KM" instead of "top-VVM_SERVER"

Open Problems

There are no problems open for this release of *PATROL for Veritas Volume Manager* by *OTL Software*.

Product Installation

Installation instructions are provided in *PATROL for Veritas Volume Manager* by *OTL Software User Guide*.

Product Documents

The following documents support the product:

Document	Publication Date
<i>PATROL for Veritas Volume Manager User Guide</i>	April 27, 2011
<i>PATROL for Veritas Volume Manager Release Notes</i>	April 27, 2011

Where to Get the Latest Product

Click [here](#) to check the latest versions of *PATROL for Veritas Volume Manager* by OTL Software from OTL Software web site.

