



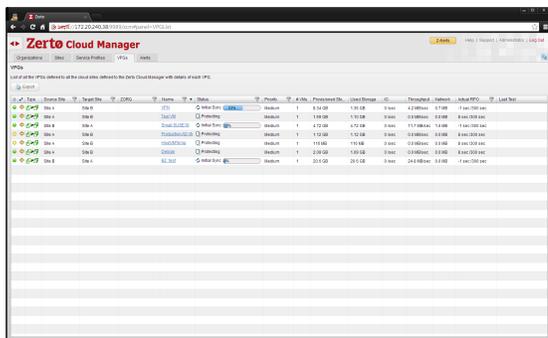
What's new? Zerto Virtual Replication 3.1

Zerto Virtual Replication 3.1 (ZVR) builds on the advancements of 3.0, with centralized management, new maintenance workflows and much more. In this release, all of the Zerto Virtual Manager (ZVM) UI is now aggregated into the Zerto Cloud Manager (ZCM) to centralize management and create a “manager of managers”. ZVR 3.1 includes many additional UI improvements such as a new tasks management, new alert and alarm tabs and a robust VRA management tab.

Management and Maintenance Enhancements

Zerto Cloud Manager (ZCM) Enhancements

ZCM was introduced in 3.0 for Cloud Service Providers (CSP), enabling them to provision and manage customer resources. In 3.1, ZCM has been enhanced to become a one-stop management platform, providing CSP and Enterprises a single UI to manage their entire Zerto deployment across multiple sites. The ZCM UI now includes the UI of each Zerto Virtual Manager (ZVM) in the environment to provide one pane of glass for management, orchestration, reporting and monitoring of BC/DR operations. Additional ZCM enhancements include :

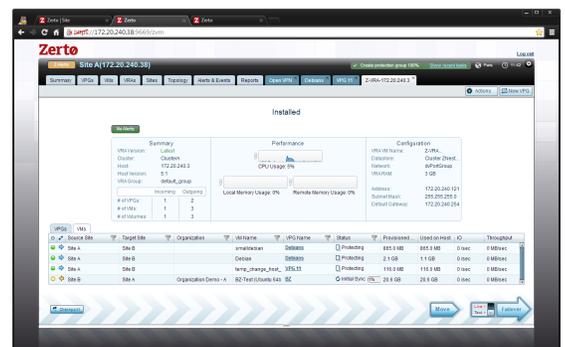


- **Consolidate VPG Tab** - view and manage all VPGs from all sites in one top level tab
- **Consolidated Alerts Tab** - Consolidated view of all sites alerts
- **ZVM Tabs** - for each ZVM, all of the ZVM tabs are now available also in the ZCM

Improved Zerto Virtual Replication Appliance (VRA) Management

A new VRA tab was added to the ZVM top level providing one view of all the VRA's, their status and parameters. Additionally, each VRA now has a “VRA View”, showing all the VPGs that are replicated through this VRA, statistics on the VRA and configuration parameters. New VRA management capabilities were added, including the ability to migrate incoming VRA workloads to other VRAs for host maintenance or load balancing.

- Manage VRA functions and maintenance workflows simply with an intuitive interface
- Easily change replication target VRAs
- Simple and quick deployment of VRAs on new hosts
- Monitor VRA performance



About Zerto

Zerto has developed the first hypervisor-based, disaster recovery and replication software for virtualized environments, offering simplicity and greatly reduced operational and maintenance costs. Developed exclusively for virtualized and cloud environments, Zerto’s award-winning solution, Zerto Virtual Replication (ZVR) is rapidly becoming the standard for disaster recovery and business continuity in the modern data center. ZVR received ‘Best of Show’ at VMworld 2011, as well as 2012 and 2011 ‘Product of the Year’ Gold Awards. For more information, please visit: www.zerto.com.

Flexible Journal

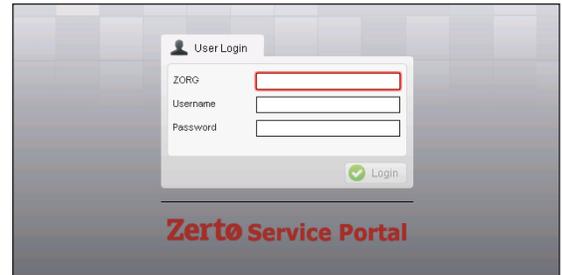
The Zerto journal enables you to recover to multiple points in time, ensuring successful recovery from disasters and logical corruptions. In 3.1 the size of the journal will automatically increase and decrease based on the amount of changed data, completely eliminating the management overhead of maintaining journal size and ensuring protection also when applications generate large bursts of data.

- The journal increase is fast to ensure no gap in replication even when applications generate a data burst
- The journal decrease is slower, to ensure the new size reflects long term application behavior
- Control journal size alert threshold with a hard and soft limit on the journal size, when needed

Additional 3.1 Enhancements

Zerto Self-Service Portal Login

While many cloud service providers integrate the Zerto Self-service Portal into their own service portal – some do not perform this integration. To simplify access to the ZSSP for BC/DR operations, Zerto offers a separate login page so portal integration is no longer a must. This makes it easier to demonstrate BC/DR capabilities within the portal and limit access to BC/DR operations.



Expanded REST APIs

Customizable portals, reports and the ability to leverage Zerto metrics are very important for enterprises and cloud service providers so they can present this information to their businesses in the format that is required. Many organizations have internal and external requirements that are met through the creation of specific reports. 3.1 includes new APIs:

- **Status APIs** – obtaining statuses on all objects in the system, including VPGs, VRAs etc.
- **Alerts API** – retrieve current alerts
- **Events API** – retrieve historical events

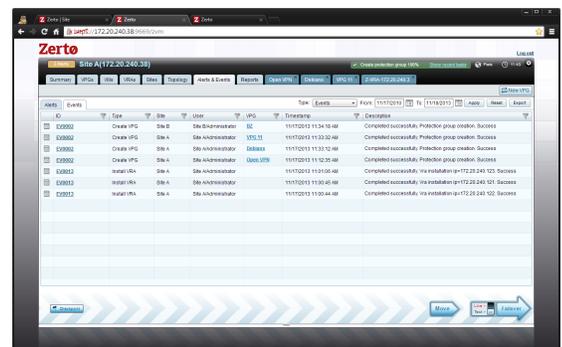
Through these APIs, the following reports and views can be easily created:

- Dashboard/system with one view for all alerts
- Integrate ZVR information into other systems for billing, more automatic information
- Perform business intelligence analysis on the data for more accurate forecasting and resource planning

New Alerts and Events Tab

Simplified management with the new “Alerts and Events” tab enables users to drill into what the alert is and what entities it is affecting for better analysis.

- Both new and acknowledged alerts can be viewed easily
- More detailed Alerts, eliminating the need to go to the audit log for faster problem resolution
- New centralized task view for managing all running tasks
- Alert logging as events for tracking and troubleshooting purposes



Summary

ZVR 3.1 builds upon simple, centralized management with consolidation of capabilities into the UI. Additionally, increased visibility, such as the Zerto Virtual Replication Appliance tab have been added to make it easier to determine relationships and identify gaps and in BC/DR operations to reduce vulnerabilities. Lastly, expanded REST APIs make it easier for enterprises and cloud service providers to leverage the metrics and rich data that ZVR collects for their own reporting to meet internal and external requirements.

Zerto

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