

vProfile Configuration Management

Overview

vProfile, a fully integrated component of the Reflex Virtualization Management Center, provides a highly flexible framework for IT teams who aim to scale the virtual infrastructure while ensuring consistent configuration, meeting compliance and audit requirements and implementing IT automation for management tasks.

vProfile Benefits:

- Ensure consistent vCenter, Host, Guest, Network and Storage configuration
- Assess and Maintain security and compliance
- Automate configuration management tasks
- Quickly scale infrastructure by replicating consistent configuration simultaneously
- Reduce OPEX Costs through configuration automation

How To Buy

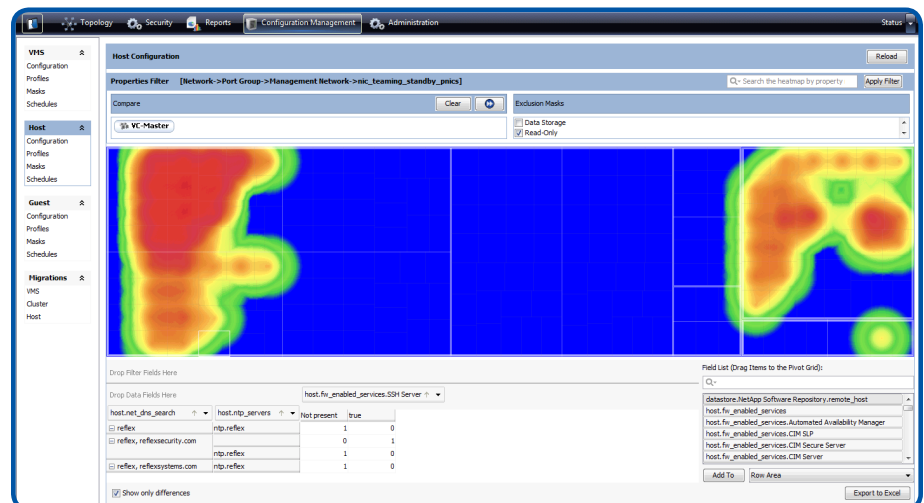
Download Reflex vProfile for a 14-day trial at:

<http://reflexsystems.com/Downloads/VMC>

Reflex's vProfile configuration management component provides a comprehensive solution to streamline and manage the configuration of virtualized hosts, virtual machines, and multiple VMware Virtual Centers by setting configuration baselines, quickly identifying variations, and performing remediation. vProfile enables IT managers to visually map configuration variances in their virtual infrastructure and enforce compliance with internal or external configuration standards.

vTrust For Reflex VMC Enables Enterprises To:

- Ensure consistent configuration across the virtual infrastructure
- Quickly scale virtualization deployments
- Maintain compliance and audit requirements
- Automate IT management tasks
- Reduce IT complexity and labor costs
- Capitalize on CAPEX savings and reduce OPEX costs through efficient management of virtualization implementations



With vProfile configuration management, Reflex customers can see their virtual infrastructure visually expressed as a “heatmap” enabling them to quickly identify configuration differences, remediate as needed and set configuration baselines.

Maintaining Compliance & Audit Requirements

Reflex vProfile is designed to meet unique virtualization management and security challenges surrounding compliance. Monitoring and maintaining consistent configuration across the virtual environment enables enterprises to improve efficiency and leverage their IT resources in a more strategic manner. By utilizing baseline profiles for standardizing configuration of Hosts, VMs, and entire datacenters, enterprises can easily maintain, enforce and automate configuration of the virtualized infrastructure and be notified immediately when something changes or is out of compliance.

vProfile Configuration Management

vProfile Configuration Management Key Features

→ Ability to Specify and Apply Baseline Profile Configuration

By establishing baselines within vProfile, users can create and apply profiles against other Hosts, VMs, or virtual management systems like VMware's vCenter in an environment, enabling administrators to ensure profiles are fully propagated.

→ Difference Visualization: Heatmaps and Customized Pivot Tables

Reflex vProfile configuration management plots VM configuration changes according to a graphical "heatmap" interface that uses a color schema to signify disparities; the more configuration differences there are the "hotter" a particular area of the map shows the differences. In addition, users can also leverage customized pivot tables to cross tabulate and summarize configuration information to matrix different combinations of properties.

→ Remediation

• Ad-Hoc Remediation

Administrators can select objects from the graphical heatmap, quickly identify differences, or compare against the baseline profile, and in one click, apply changes to the objects being compared.

• Scheduled Remediation

Administrators can set a scheduled remediation time to apply profiles during a maintenance window. vProfile also provides a remediation preview that enables users to review the scheduled remediation to see what will be affected before applying the profiles.

→ "Any to Any" Comparison

Reflex vProfile configuration management allows administrators to automatically compare any profile, Host, virtual machine or vCenter to another similar property, providing administrators with a powerful diagnostic tool to not only track variations in a given environment but actually understand the differences.

→ Tiered Configuration Profiles

vProfile enables users to set, apply, and manage multiple profiles per object (VM, Host, vCenter) to support shared policy throughout the virtual infrastructure to include security profiles, storage profiles, network profiles, etc.

→ Historical Profile Definition

If a VM, Host or vCenter is configured incorrectly or not maintained, users can select or create a profile from a previous date/time when the system in question was functioning correctly to reset the configuration profile. Historical profiles can be assigned to any object within the virtual environment.

→ Batch Modification

Reflex vProfile provides the ability to quickly make mass updates throughout the entire infrastructure across global, multi-site data centers. For example, if an administrator wants to move the storage for 100 virtual machines, he can create a new VM profile by setting the new storage configurations and scheduling the remediation to apply this new profile during a maintenance period. vProfile will automatically instrument the updated storage profile in parallel for all 100 VMs.

→ VQL Expression Queries

Reflex's patent-pending virtualization query language powers vProfile as well as the other components of VMC. Configuration profiles are based on VQL objects and the VQL language is used as the dynamic binding between profiles and the target of configuration change. This enables administrators to add and remove resources in their virtualized data centers without having to manually maintain their configuration baselines. VQL wizards are also provided so that users are not required to learn the details of the VQL language.

→ Executive Reports

vProfile provides a plethora of standard compliance & audit reports that show when Hosts, VMs or vCenters are out of compliance or differ from the set baseline so administrators can focus other tasks and be proactively notified with the highest priority configuration problems.

→ IP Pool Allocation

vProfile enables users to allocate IP addresses from a pool rather than manually allocating them for configuration properties such as vMotion and Fault Tolerance network interfaces. This provides a greater level of automation by eliminating custom scripting and maintenance of numerous scripts.