REFLEX

Management & Security
For Virtualization & Cloud Infrastructures

SearchServerVirtualization.com BEST OF vmworld 2008 BEST OF SHOW

SearchServerVirtualization.com BEST OF vmworld 2008 GOLD AWARD SECURITY AND VIRTUALIZATION

NETWORK PRODUCTS GUIDE HOT COMPANIES FINALIST 2009

RED HERRING WINNER 100 N. AMERICA

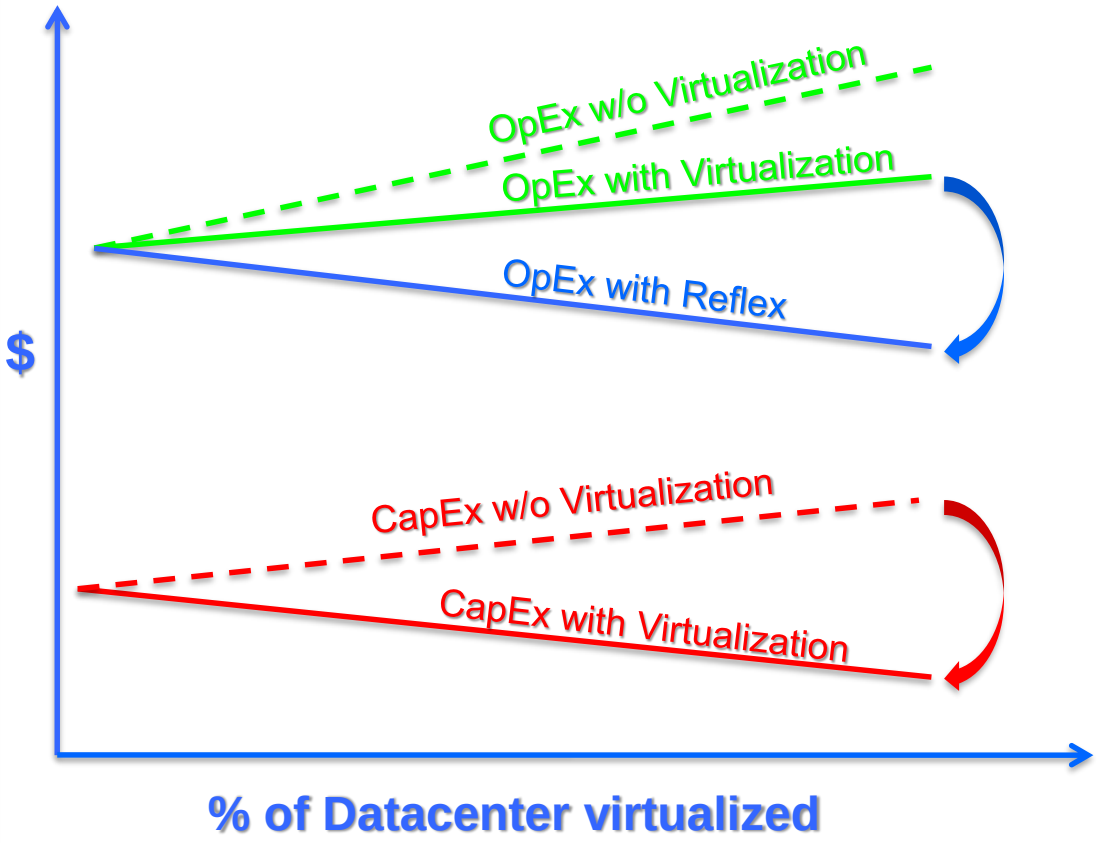
NETWORK PRODUCTS GUIDE PRODUCT INNOVATION 2009

2009 Products of the Year SearchServerVirtualization.com

Reflex History

- 2000 – Reflex Security Founded to focus on network security
- 2001 – First Intrusion Prevention System (IPS) shipped
- 2006 – First virtualization product released (Virtual Security Appliance)
- February 2008 – Decision to focus exclusively on virtualization & Cloud
- April 2008 – Seed investment in the new virtualization business – Complete restart of and restructuring of the company – Reflex Systems LLC
- April 2008 – New CEO, Pete Privateer starts
- August 2008 – First release of Reflex's Virtualization Management Center (VMC)
- September 2008 – Reflex's VMC wins best virtualization security & best of show at VM World
- December 2008 – Reflex Systems achieves first $1M in sales
- March 31, 2009 – Reflex Systems LLC closes $8.5M Series A funding round
- **Today – Over 80 customers and Growing!**

Virtualization Benefits & Challenges



Examples:

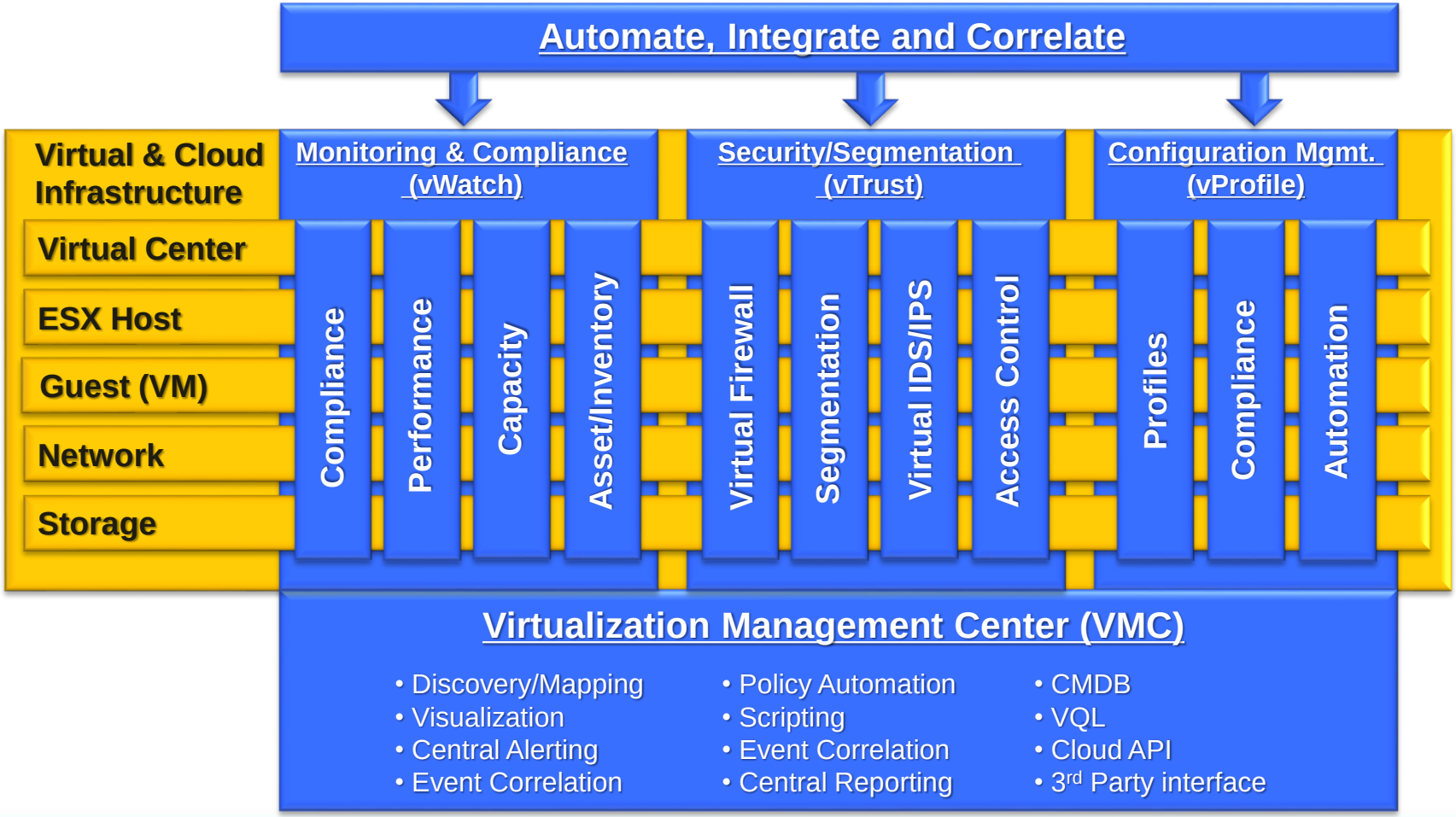
Citi: Virtual Infrastructure Management
Reflex will Save 30 FTE/Year with vProfile alone

E*Trade: Virtual Infrastructure Management daily trouble shooting:
1 FTE to manage every 20 physical Servers
1 FTE to manage ever 50-100 virtual servers
Using Reflex: 1 FTE can manage 2-500 virtual Servers

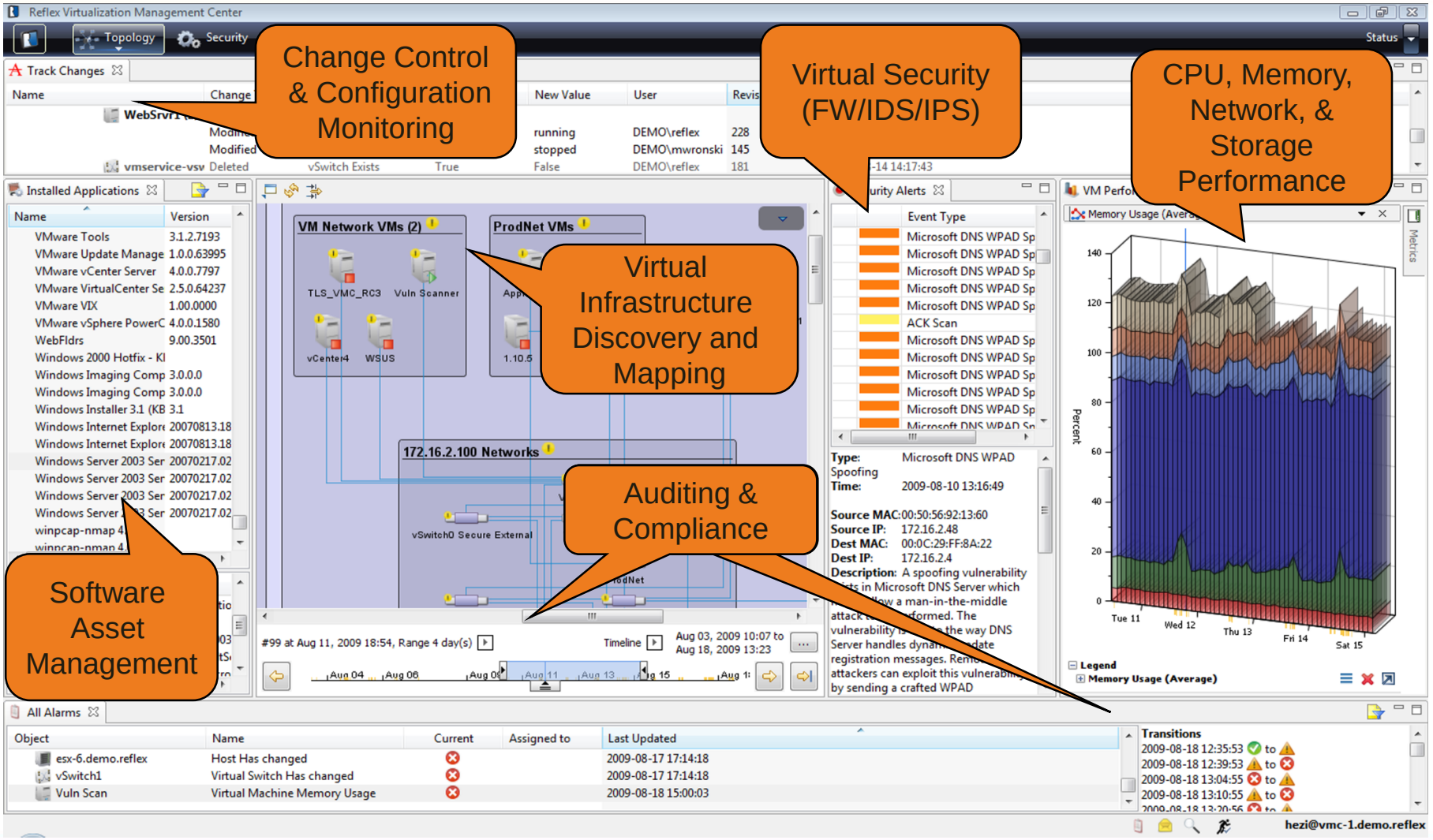
Medquist, Regions Bank, Bank of Canada:
Certified “compensating control” to meet Compliance and audit guidelines

Schwans, Saavis, Cisco & Infor:
Virtual security, segmentation, and monitoring
Simplifies and reduces networking costs and
Enables rapid trouble shooting and performance Tuning.

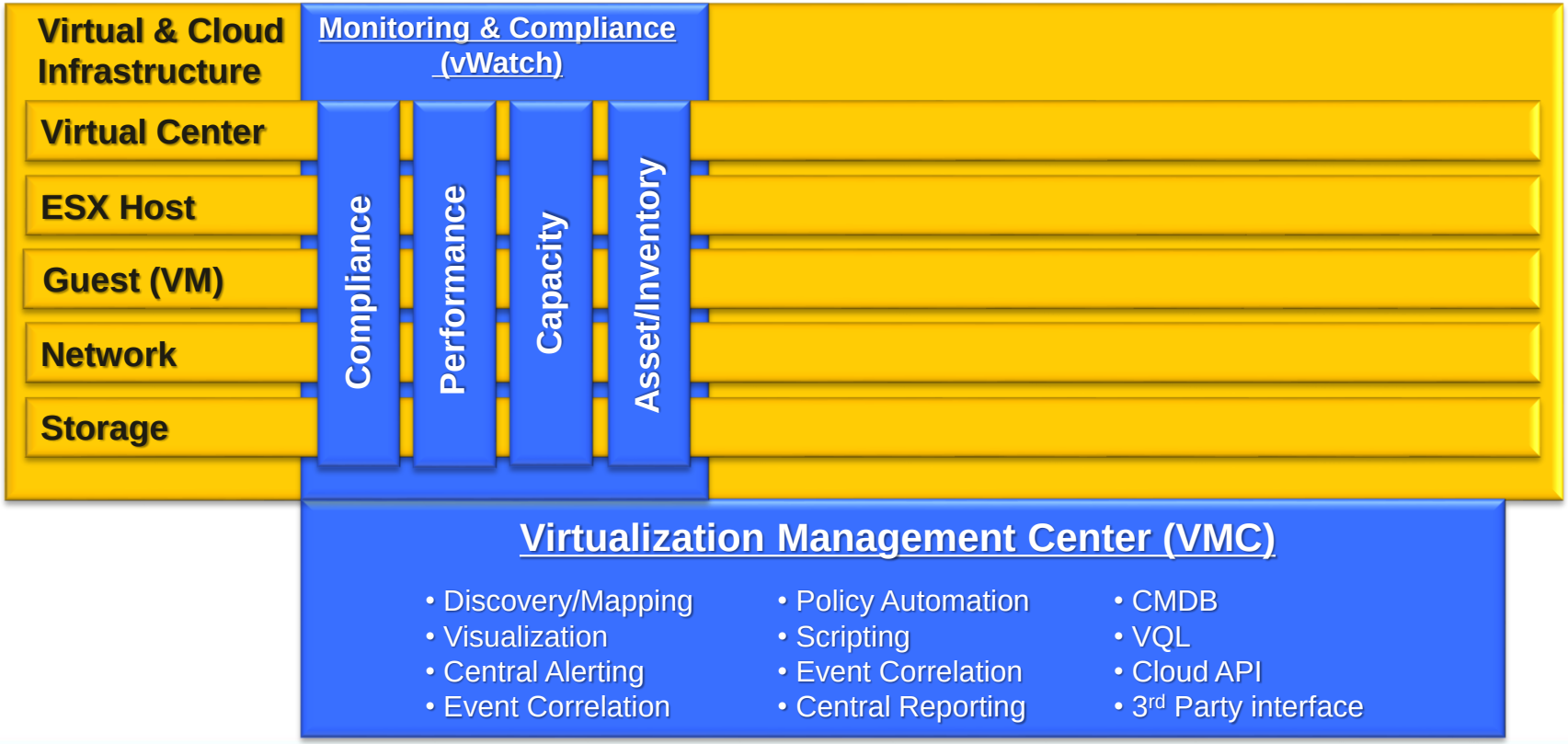
Reflex Virtual/Cloud Infrastructure Management & Security Platform



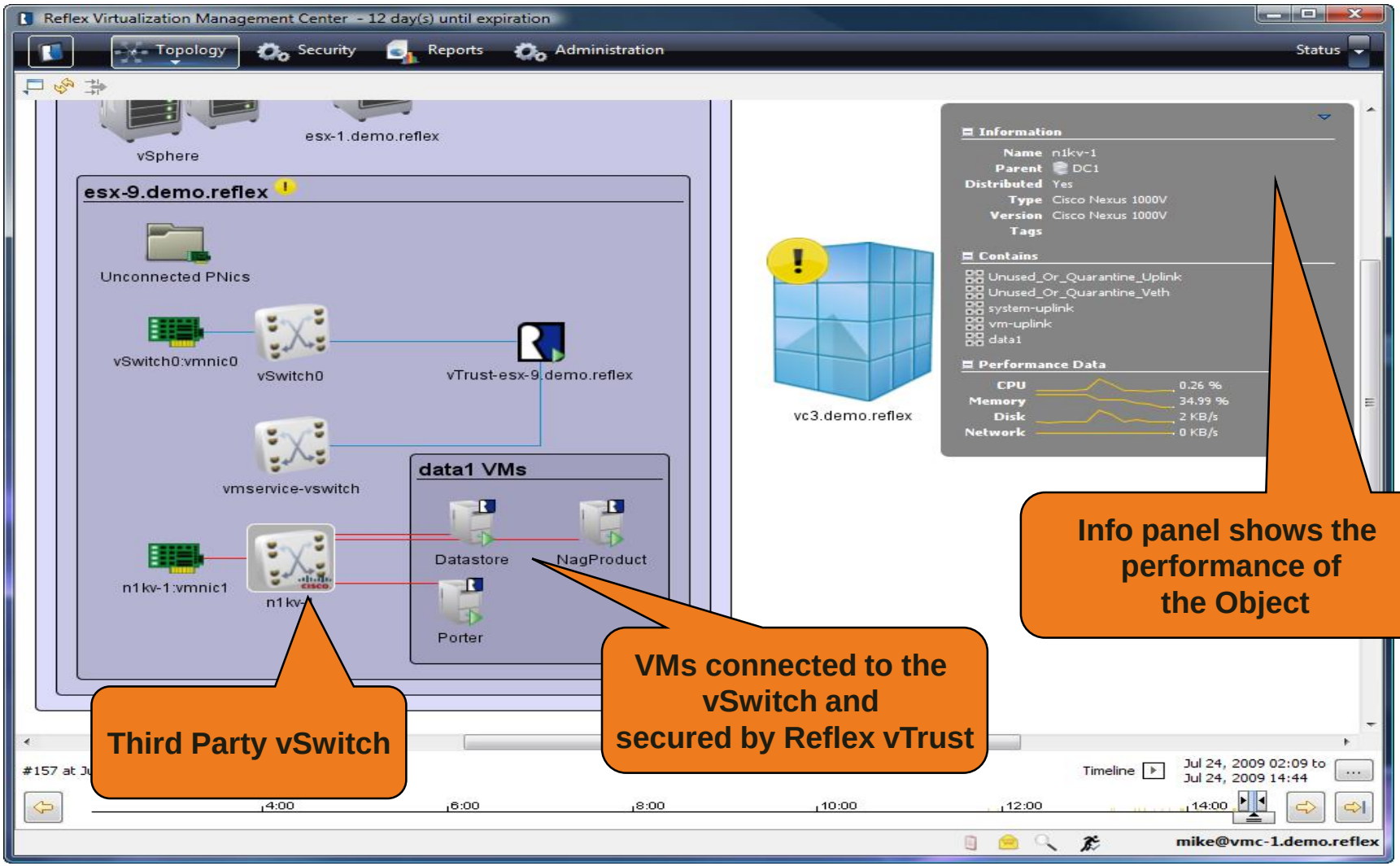
Virtualization Management & Security



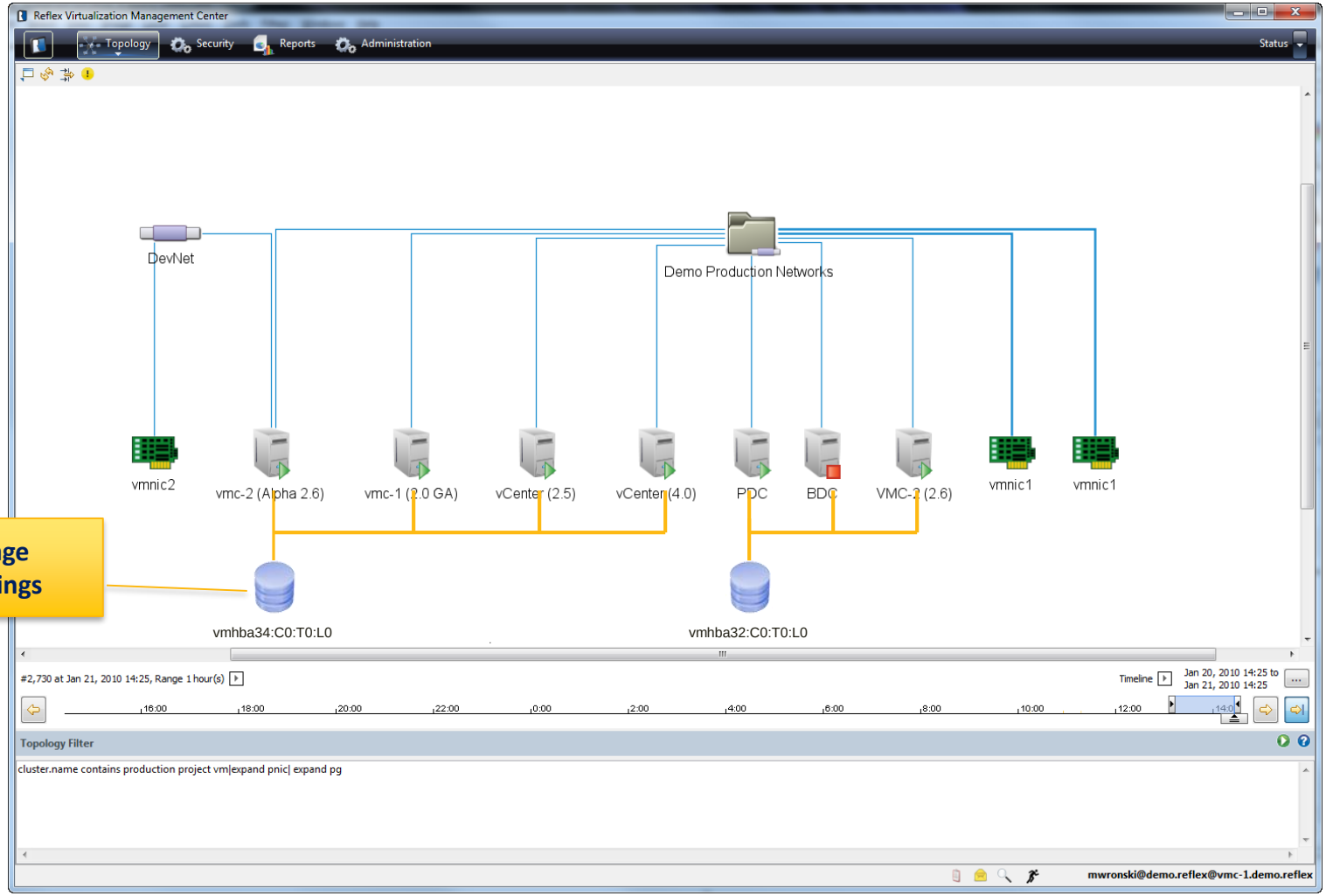
Monitoring & Compliance - vWatch



Topology Mapping



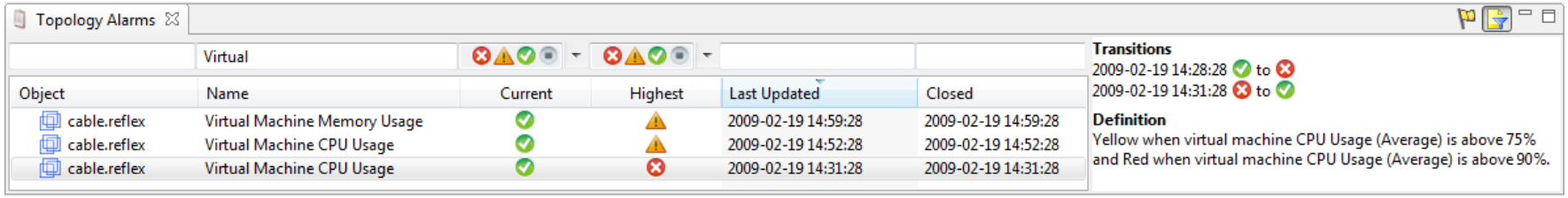
Storage : Visibility



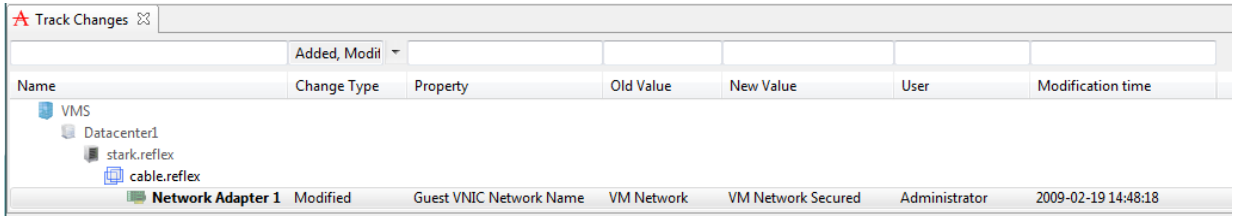
Storage Mappings

Visibility, Correlation & Troubleshooting

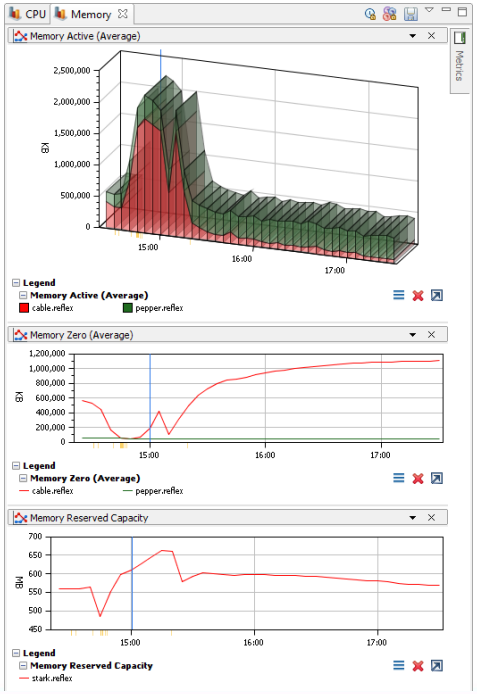
What, Where, When, Why something went wrong
Assign to users for resolution



See what changed and who changed it

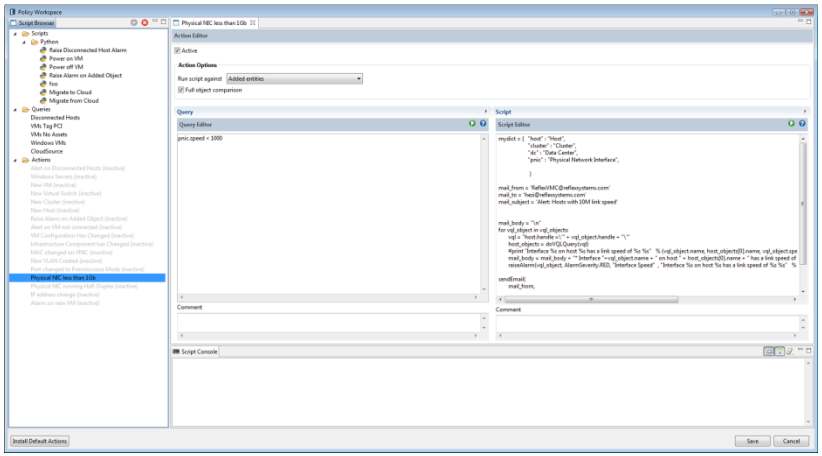


See what affect changes had on other systems historically

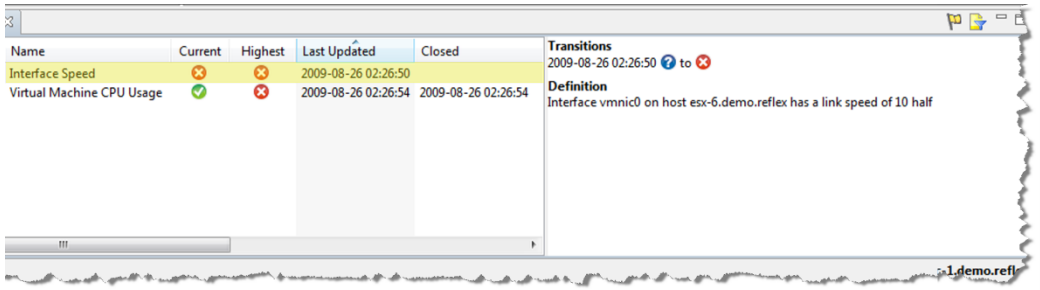


Automating Datacenter Policy

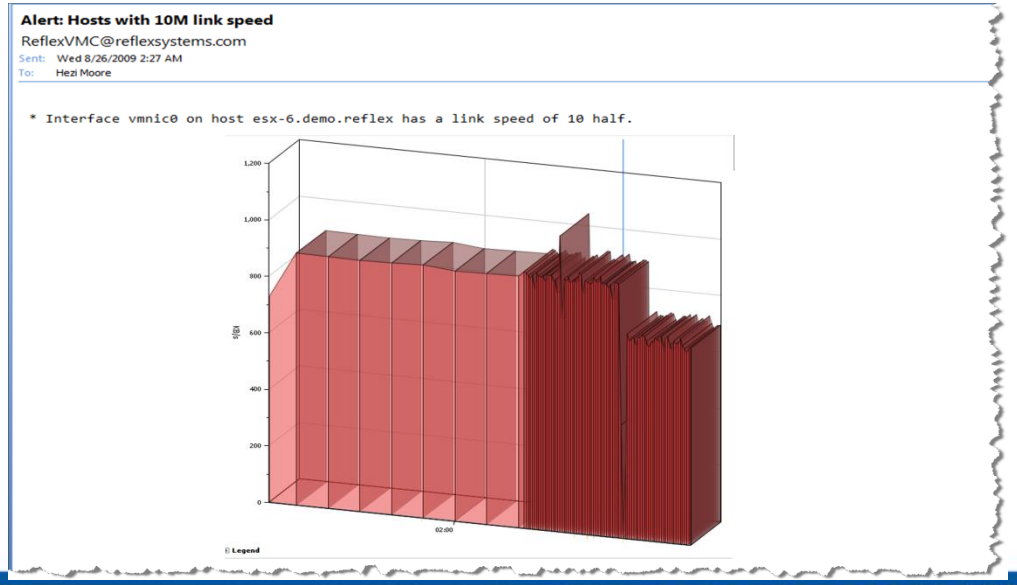
Policy management: Monitoring infrastructure changes



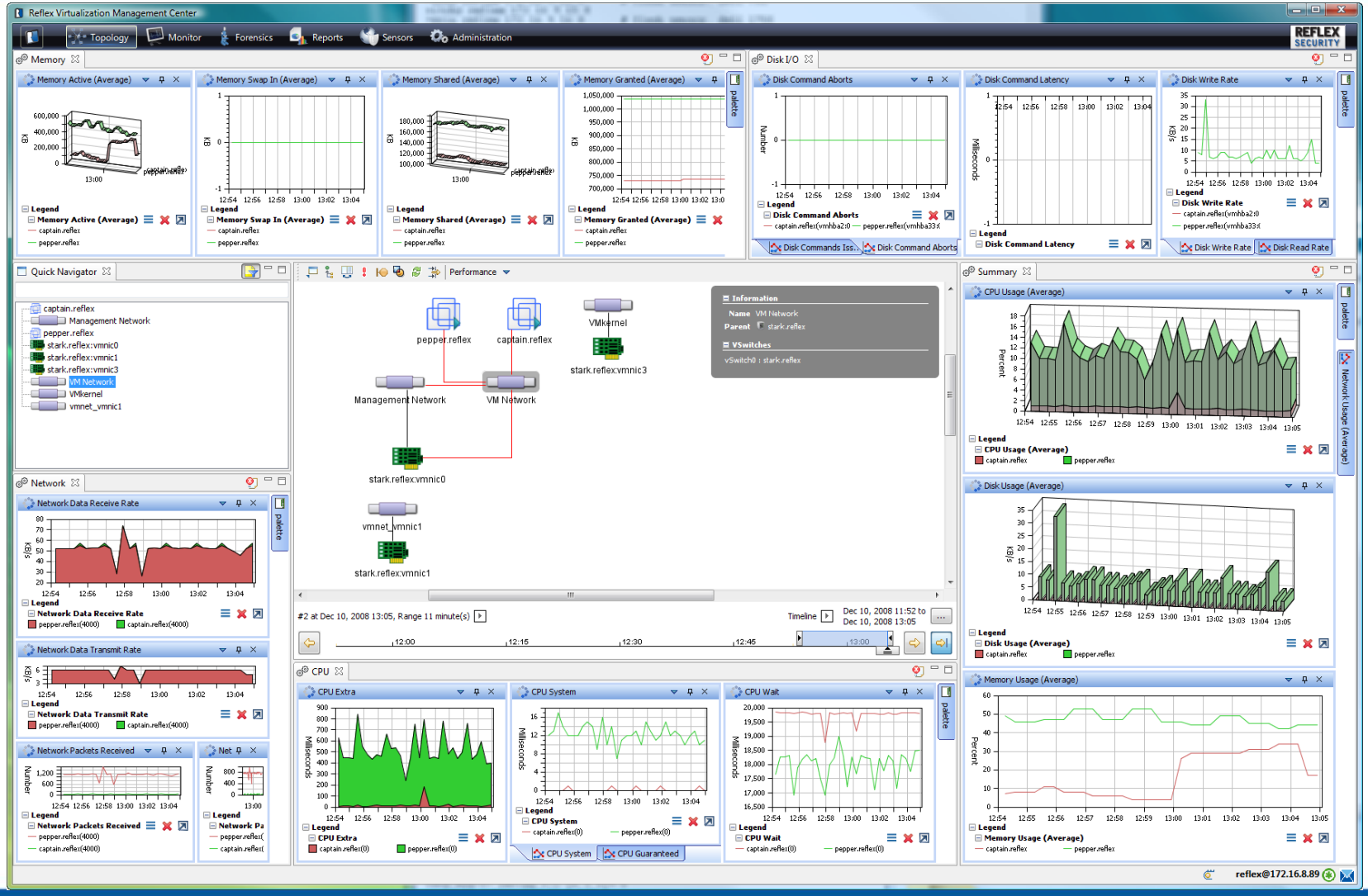
Infrastructure policy generates an alarm: Physical network adapter was changed



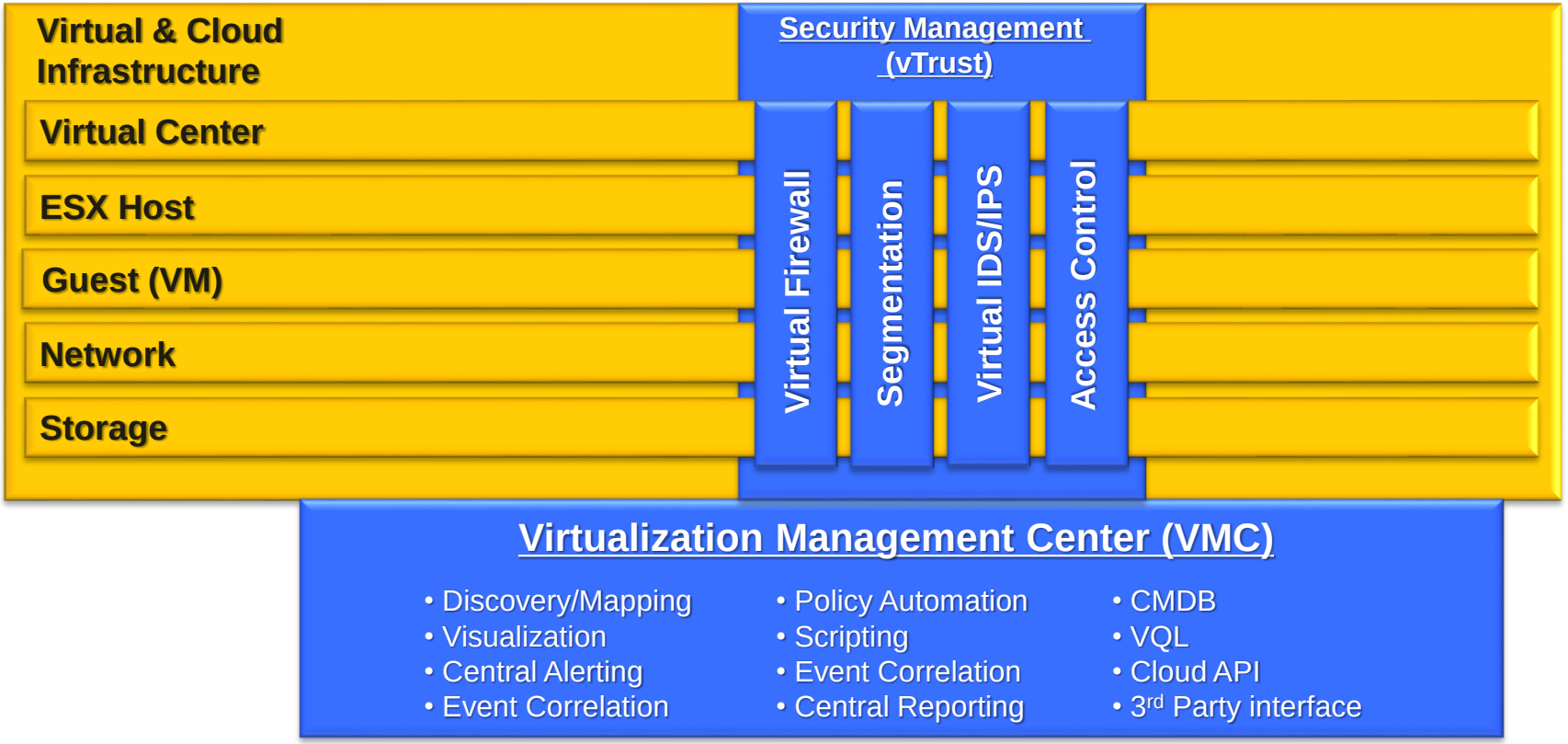
Receive email - Infrastructure change and the impact on performance



Over 150 Performance Metrics

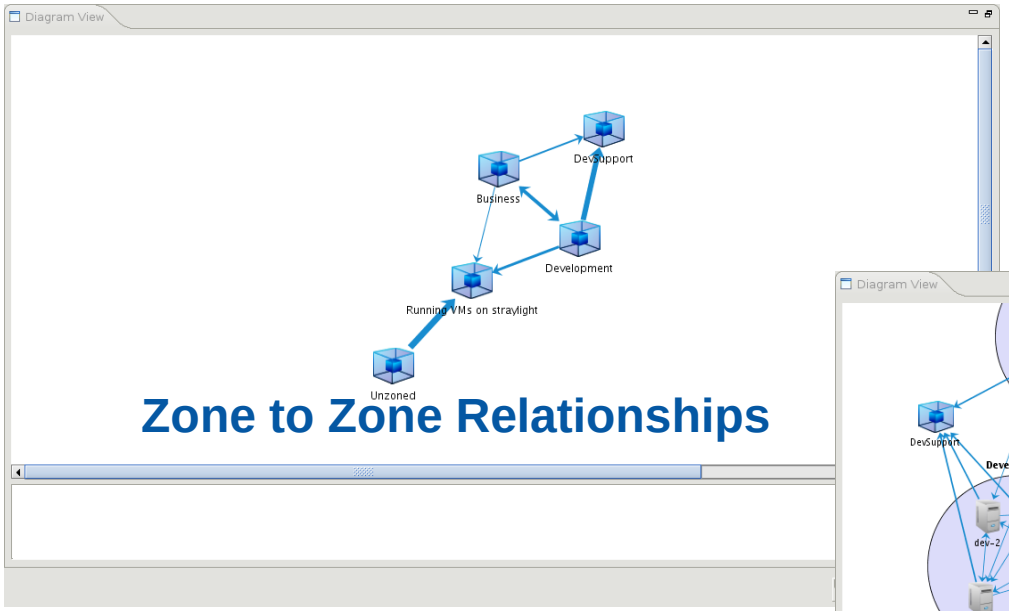


Security Management - vTrust

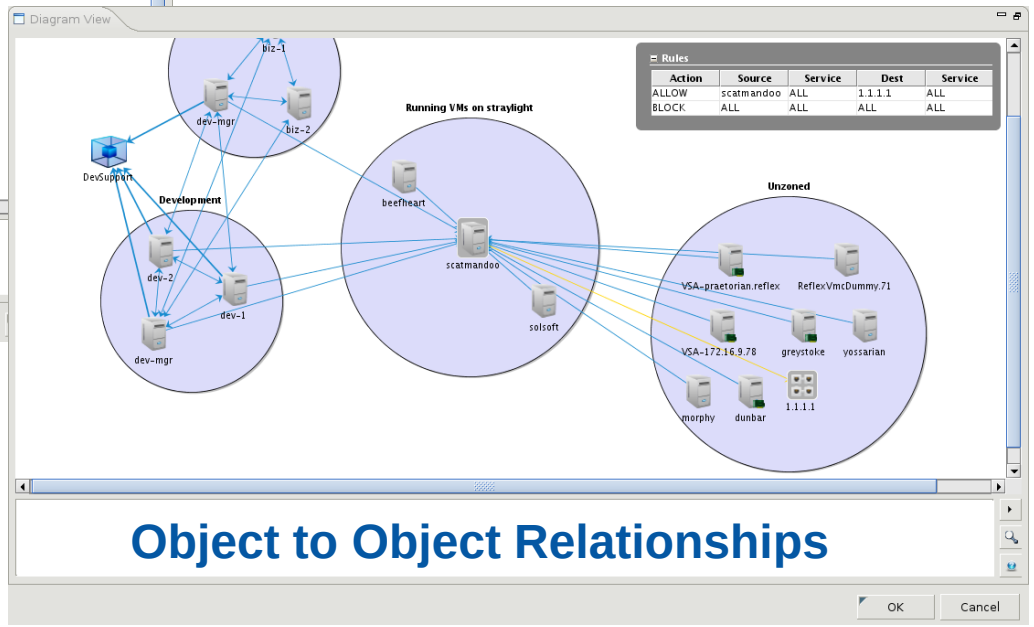


Segment The Virtual Infrastructure

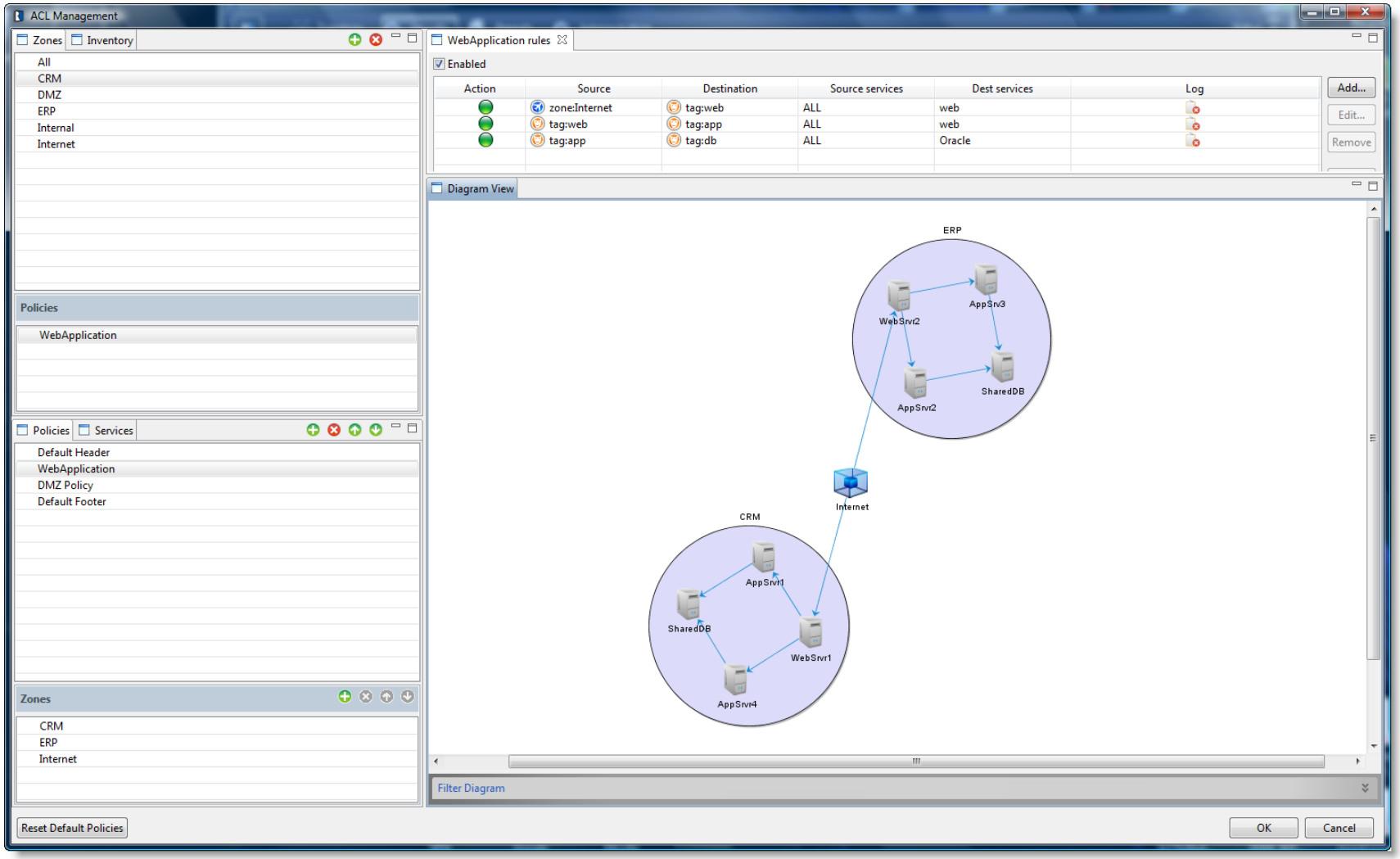
Dynamically partition the virtual infrastructure using software, not hardware



Create Trust Zones or groups of virtual objects with different network communication policies.

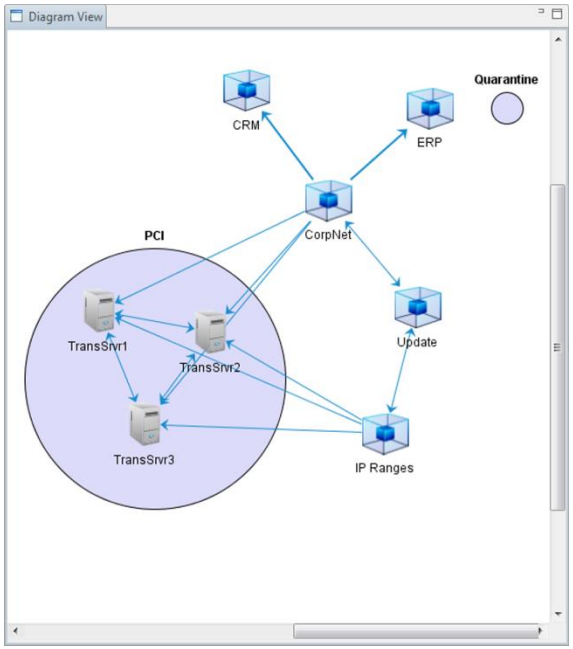


Next Generation Virtual Firewall



Automating Security Compliance

PCI Zone - Credit Cards Transaction Servers



Email alarm with detail Information about the PCI violation

Alert: Unencrypted traffic on PCI Network

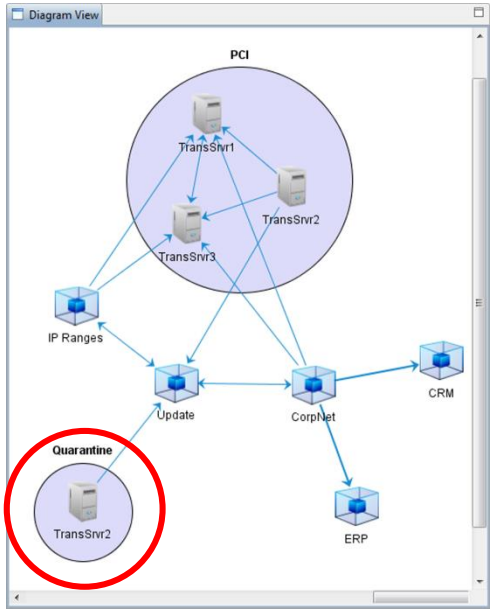
ReflexVMC@reflexsystems.com

Sent: Wed 8/26/2009 3:48 PM

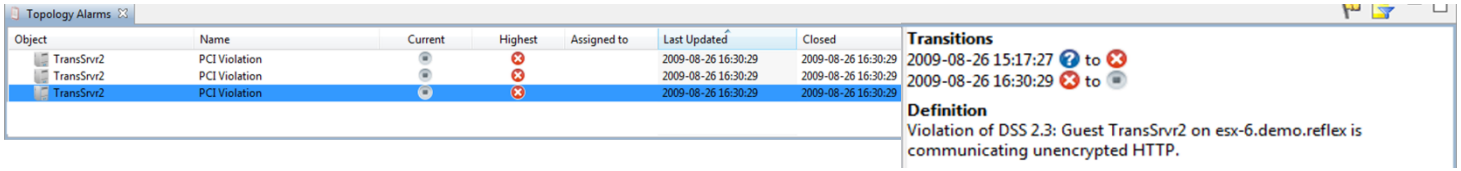
To: Hezi Moore

```
The following guests have violated PCI DSS Requirement 2.3

 [PCI-DSS] 2.3 Encrypt all non-console administrative acce
administrative access.

* Guest TransSrvr2 on host esx-6.demo.reflex.

 ** Guests have been quarantined.
```

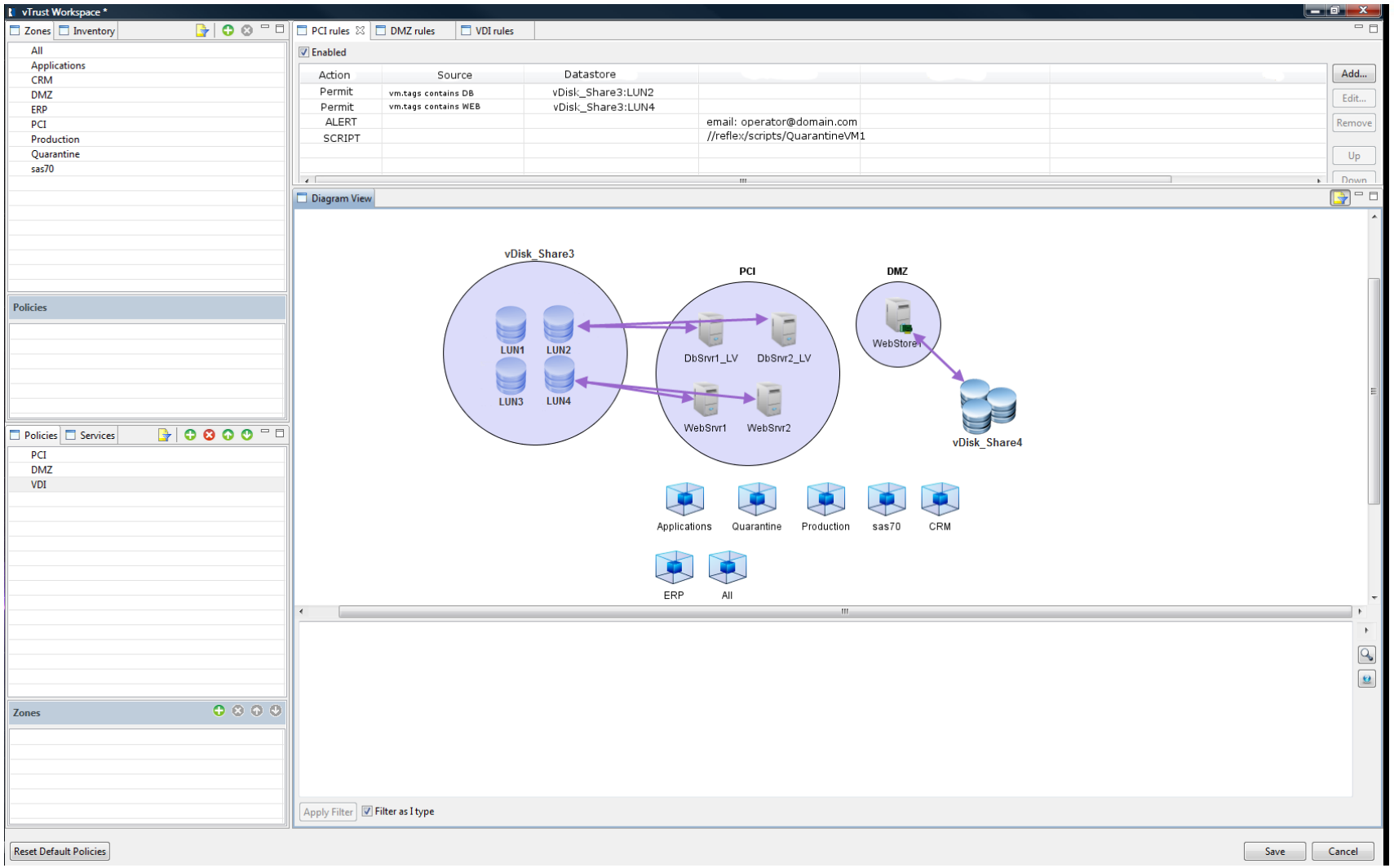
Quarantine the PCI Server that violated compliance



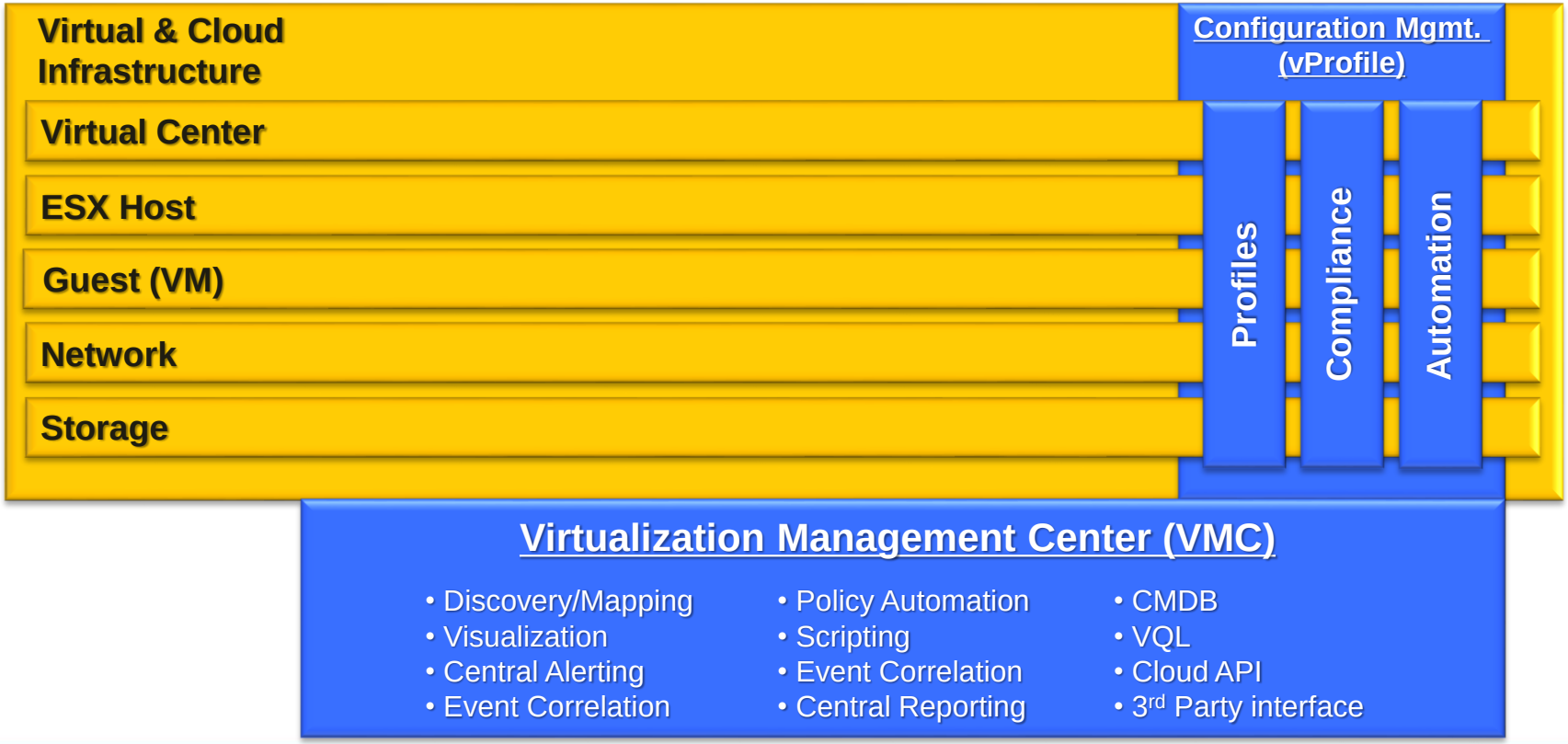
PCI Violation Alarm DSS 2.3 unencrypted HTTP communication



Extending Firewall to Storage

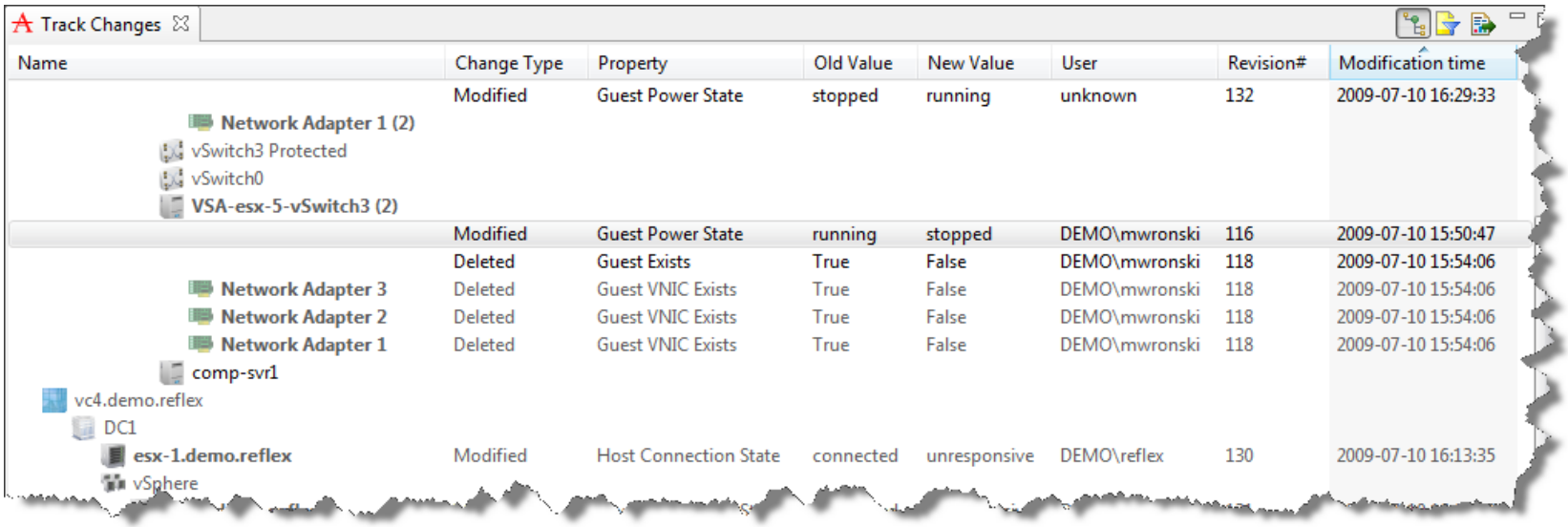


Configuration Management - vProfile

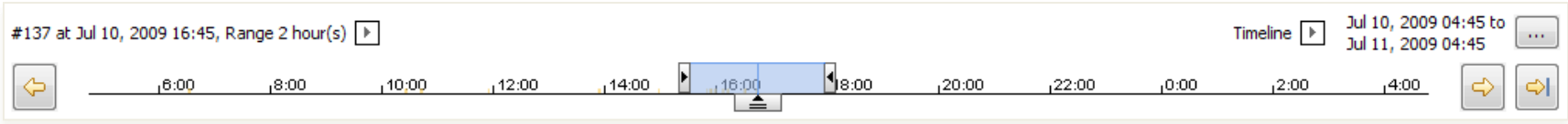


Configuration Change Management

Track every change, at any point in time
Throughout the entire infrastructure

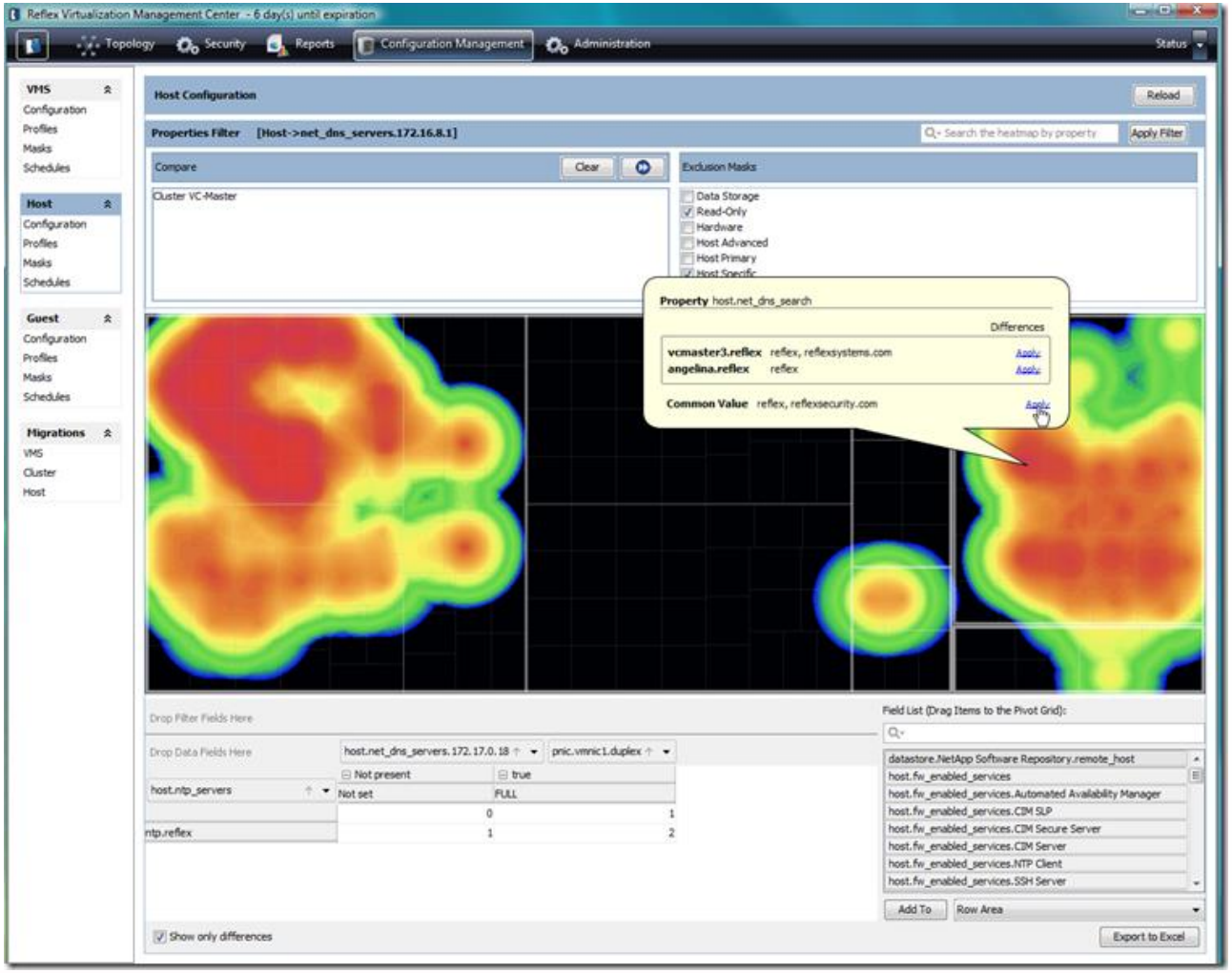


Timeline-based monitoring to visualize the past

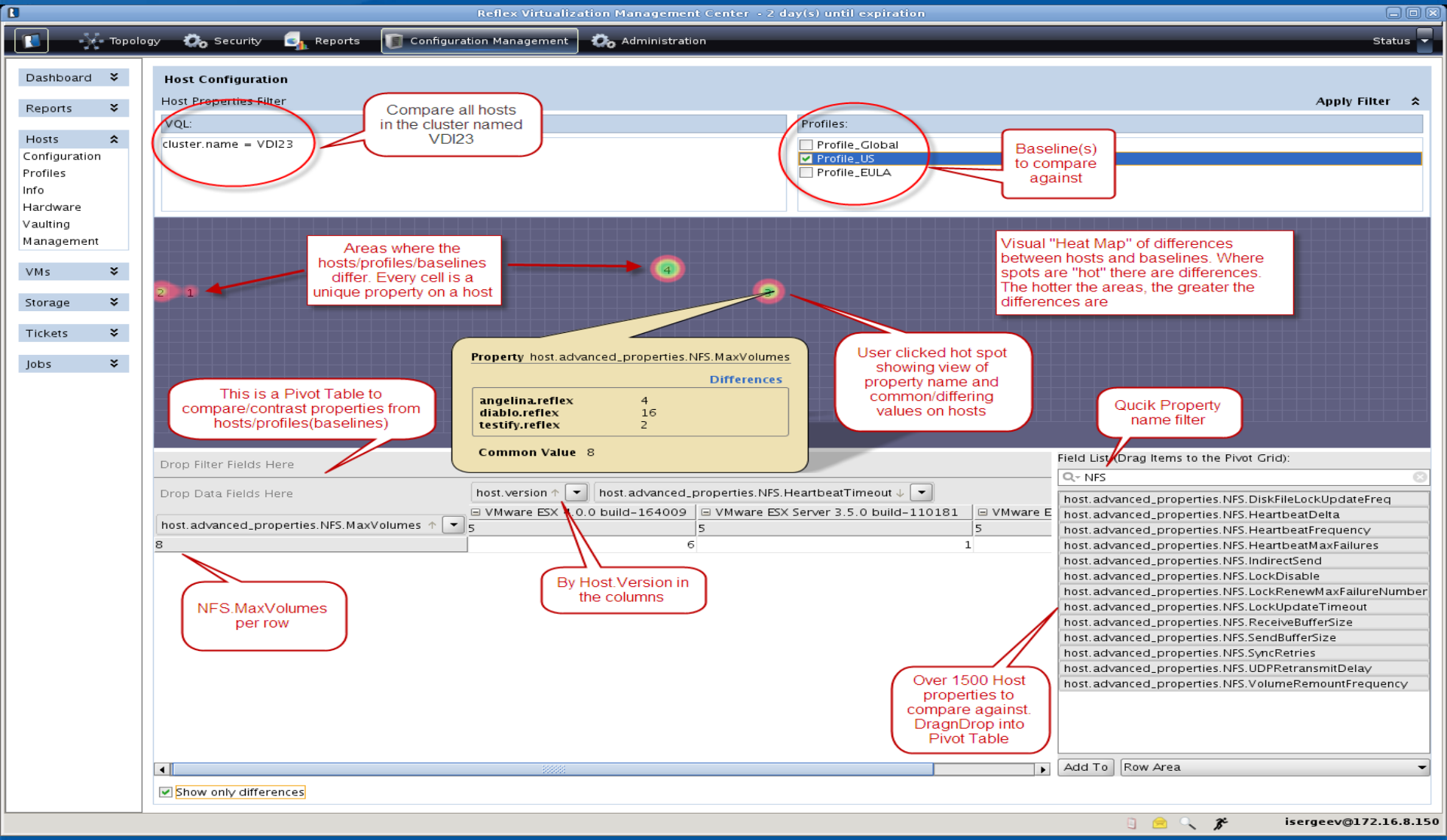


Host Configuration Visualization

- Visualize Differences
- Analytical Heat Map
- Ad-Hoc Remediation
- Multiple Profiles per Host
- Compare Hosts or Profiles
- Exclusion Masks



Host Configuration : Remediation

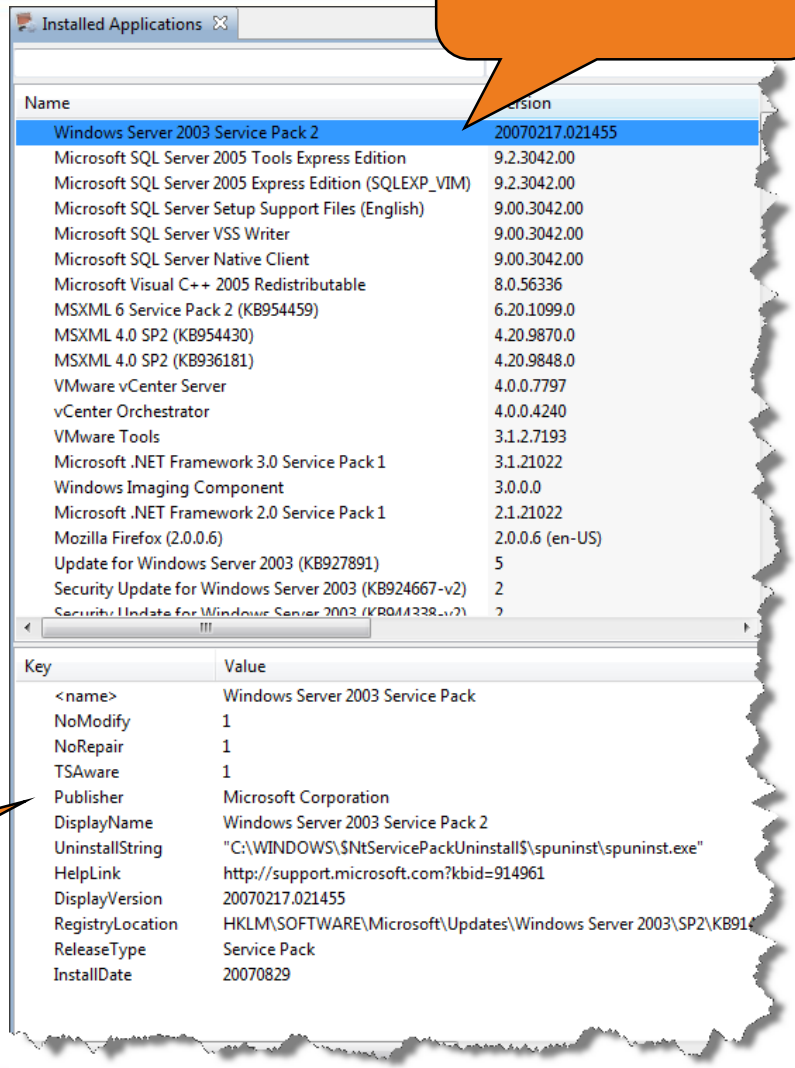


Software Asset Management

Track and monitor installed applications on VMs

- No Agents to Install
- Independent of Power State
- Policy Criteria
  - NAC
  - Posture Checking
  - Maintain Compliance

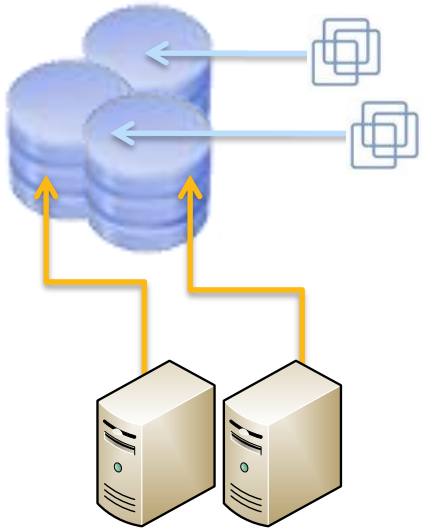
List of software assets on a VM



Software asset details (version, install date, etc.)

Storage : Tracking and Policy

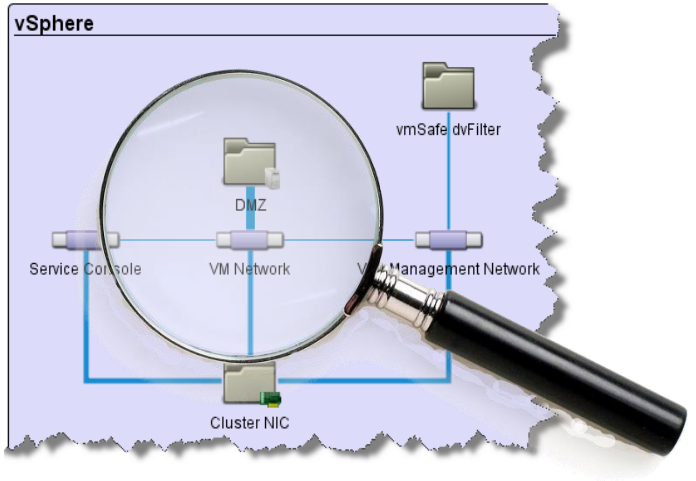
- Comprehend all storage relationships
  - LUN to VM
  - HBA to VM
  - VMFS to VM
  - Snapshots
  - VM OS Partitions
  - VMFS Disk Utilization (Reserved Space)
  - VM OS Partition Disk Utilization (Actual Utilization)
- Use Cases
  - Security and Infrastructure Policy
  - Asset Classification
  - VQL Queries
    - Show all VMs with multiple OS partitions
    - Show all VMs on a particular datastore
    - Show all VM's with OS partitions at over 80% capacity
    - Show all LUNS at over 80% capacity
    - Show all VM's linked to a specific VMFS file

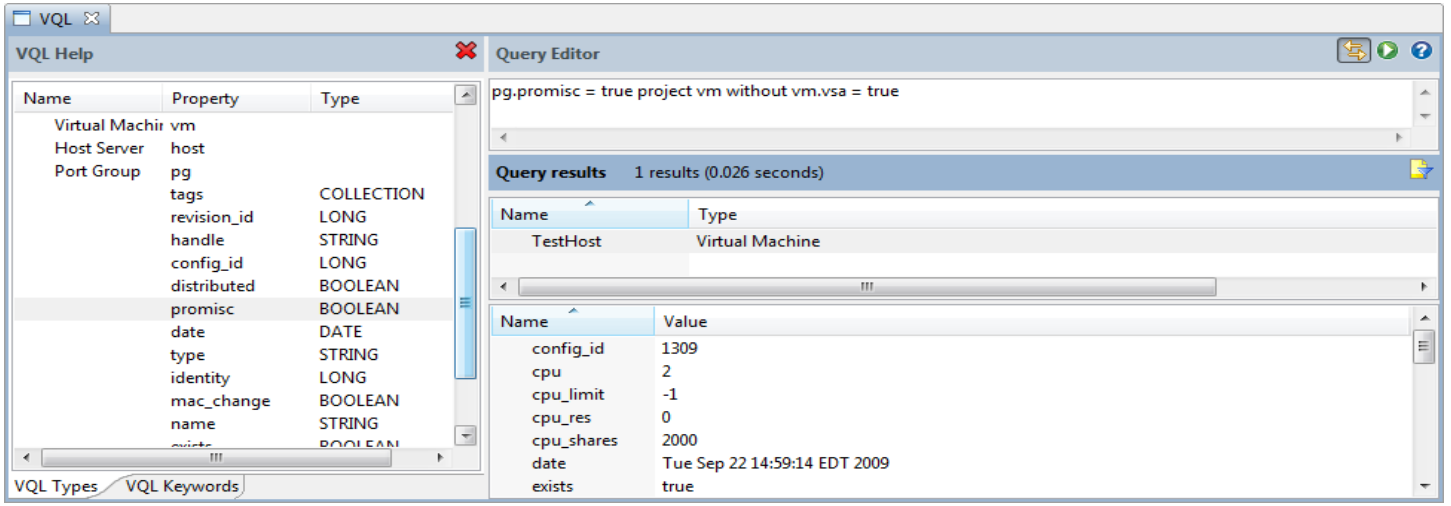


Reflex VMC: VQooL

Virtualization Query Language

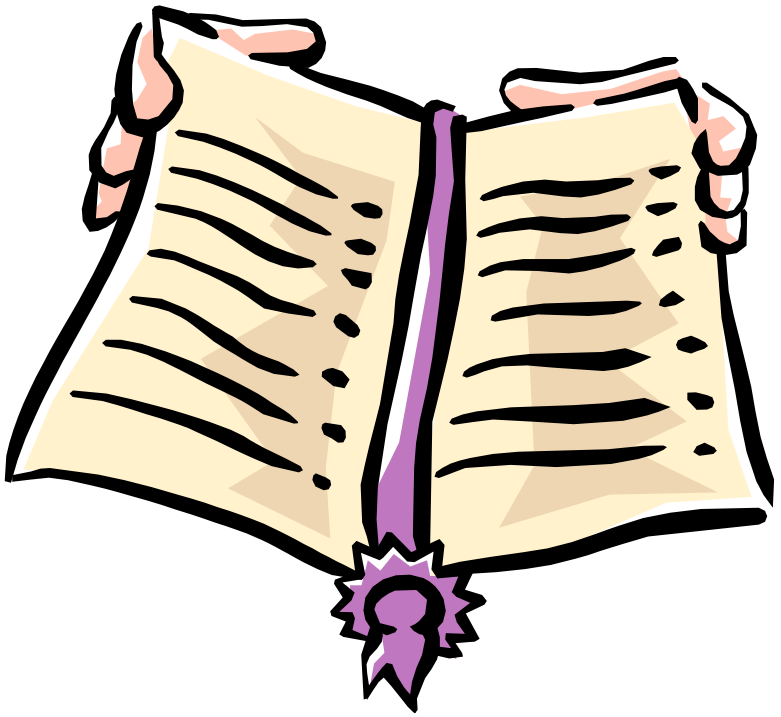
- Patent Pending
- Natural Search (Google)
- Structured Search (SQL)
- Zone Definition
- Policy Binding
- Data Classification





Service Catalog Capabilities

- Per Guest
  - Firewall, IDS/IPS, WAF, DLP
  - Software Inventory
  - Configuration management
  - Profile management
  - File Integrity
  - OS Compliance
  - Performance Statistics
  - Process Monitoring
  - Performance monitoring
  - Scheduled Reports
  - Event correlation & alerting
  - Policy Automation
  - Etc.



Reflex Industry Awareness

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the source for virtualization technology news

NETWORKWORLD

Gartner

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CTOEDGE

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