

For HP OpenView Performance Insight

PerVigil's Administrative Tool Kit (PVLadmin) for OpenView Performance Insight is a collection of powerful utilities that dramatically simplify the implementation and day to day administration of OpenView Performance Insight.

By using PVLadmin to automate routine tasks, Performance Insight administrators can significantly reduce the time and effort required to configure and maintain a healthy Performance Insight environment.

Some of the routine maintenance tasks automated by PVLadmin:

- Automated failover and recovery between primary, satellite, and backup Performance Insight servers
- Automated Sybase database backup and recovery routines
- Node list synchronization between Performance Insight servers
- Polling policy and polling group synchronization between Performance Insight servers
- Element properties (i.e. Common Properties and report pack properties) synchronization between Performance Insight servers
- Routine database maintenance with integrity and consistency checking (DBCCs) of the Performance Insight Sybase database
- Performance Insight database index maintenance routines to ensure optimum database performance

PVLadmin is developed by PerVigil engineers based on experience gained deploying and managing hundreds of Performance Insight servers over many years.

PVLadmin enables Performance Insight administrators to automate and monitor many time consuming tasks that must be performed to maintain a healthy Performance Insight environment.

Whether operating a single server Performance Insight deployment or a complex multi-server distributed Performance Insight deployment, routine maintenance is required to ensure optimum performance, accurate provisioning, and system integrity.

By automating much of the required routine maintenance, the stability of Performance Insight can be greatly enhanced and administrative overhead significantly reduced.

Using PVLadmin along with PVLmon, a problem detection and notification tool for Performance Insight, System Administrators can be confident that every aspect of Performance Insight is being closely monitored.

Professional Services for PVLadmin:

Performance Insight is highly configurable and is often customized to address the specific needs of the target environment. PVLadmin is also highly configurable and can be easily adapted to support any Performance Insight deployment.

Due to the variety of issues and range of possible configurations, it is recommended that PerVigil Professional Services be used to assist in the configuration of PVLadmin on the first Performance Insight system in the customer's environment.

Automated Failover and Recovery:

In an environment where Service Level Management reports are critical to meeting commitments, a redundant Performance Insight deployment is often needed. PVLAdmin provides the tools needed to configure and operate primary, satellite, and backup Performance Insight servers. Using PVLAdmin, synchronization between servers can be maintained, and roles can be easily switched between servers as needed.

Automated Database Backup & Recovery:

PVLAdmin provides utilities for backing up the Performance Insight database to tape or to compressed files, which can be backed up to tape by normal file system backup utilities. The last several backups may be retained on the local file system to minimize the need to recover from tape. In the event of a failure that requires a database restore, the Performance Insight database can be quickly recovered and operational again with minimal downtime. If PVLAdmin's Failover capabilities are also in use, data loss can also be minimized.

Node List Synchronization:

In a distributed or redundant Performance Insight deployment, node lists must be synchronized between the Performance Insight servers. PVLAdmin enables centralized management and automated distribution and synchronization of the Performance Insight node list.

Polling Policy Synchronization:

In a distributed or redundant Performance Insight deployment, polling policies must be synchronized between the Performance Insight servers. Specific polling policies are assigned to specific Performance Insight servers. These polling policies must be synchronized between servers to enable distributed data collection and failover capabilities without duplicate data collection. PVLAdmin enables centralized management and automated distribution and synchronization of Performance Insight polling policies.

Element Properties Synchronization:

In a distributed or redundant Performance Insight deployment, element properties must be synchronized between the Performance Insight servers. Performance Insight servers are

typically assigned specific nodes and elements to monitor. Element properties or asset information must be associated with each element within each Performance Insight server for accurate element management and effective redundancy between Performance Insight servers. PVLAdmin enables centralized management and automated distribution and synchronization of element properties across a distributed Performance Insight deployment.

Routine Database Maintenance:

Databases require routine maintenance to verify the integrity and consistency of their internal operations. Fresh indexes must also be maintained for optimal performance. In most cases, this routine maintenance is not consistently performed. PVLAdmin automates this routine maintenance ensure maximum performance and uptime of Performance Insight.

About PerVigil:

PerVigil is a privately held company that delivers highly integrated and automated IT Service Management solutions to Service Providers and Large Enterprise companies. PerVigil products are integrated with OpenView products from Hewlett-Packard to leverage and augment the unique capabilities of each product.

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November 11, 2005 PerVigil, Inc