



The Top 10 Things You Should Know about Unified Infrastructure Management

Q. What is unified infrastructure management?

Unified server and storage infrastructure management bridges the traditionally isolated islands of server and storage management prevalent in data centers today. The ability to holistically control server and storage infrastructure as well as other infrastructure components via a single platform enables IT organizations to improve operational efficiency and significantly reduce costs.

Q. How does HP unify infrastructure management?

With HP Systems Insight Manager (SIM) 5.0, HP is delivering a multi-OS, resource management product that supports HP ProLiant, Integrity, Integrity NonStop and HP 9000 servers as well as HP StorageWorks MSA, EVA, and XP arrays – all within the same management console. HP SIM 5.0 can also manage non-HP servers and storage as well as work with enterprise management platforms such as HP OpenView Operations, HP OpenView Network Node Manager and third-party tools.

Q. What does HP Systems Insight Manager 5.0 do?

HP Systems Insight Manager bridges islands of management to help increase administrator productivity, decrease training costs, and reduce downtime which contributes to increased system availability and reduced IT costs.

Through a single management console for systems running Microsoft Windows, HP-UX 11i, and RedHat and SuSE Linux, HP Systems Insight Manager 5.0 provides the fundamental management features of device discovery and identification, single event view, inventory data collection and reporting across your server and storage infrastructure. HP Systems Insight Manager is also the central point of integration between infrastructure and enterprise management tools such as HP OpenView.

To unlock advanced functionality, simply add HP's value-add plug-ins such as ProLiant Essentials, Integrity Essentials, and Storage Essentials. Essentials are software modules that provide advanced capabilities, simply and seamlessly plugging into HP Systems Insight Manager to provide extensible capabilities within the same single console view.

HP Systems Insight Manager is designed for use by a wide range of businesses -- from those with as few as 10 server or storage nodes through enterprises with thousands of servers and significant external storage environments.



Q. How is HP Systems Insight Manager different from other management tools?

HP Systems Insight Manager offers you a new approach to IT ROI. For example, it is simple to install and costs nothing to acquire because it is bundled with HP servers and storage. It's even downloadable from hp.com!

HP Systems Insight Manager is different in another way as well. It supports an open architecture that enables the inclusion of value-add technologies such as HP Storage Essentials and 3rd party offerings. So when you need to extend capabilities, HP's ProLiant Essentials, Integrity Essentials, and Storage Essentials integrate easily and effectively. And because Essentials plug-ins are designed for integration with Systems Insight Manager, traditionally complex areas such as dealing with multiple security models, database backup, asset/reporting management, license administration and fault management are also simplified.

While other vendors talk about their vision to provide end-to-end closed-loop IT services, only HP has taken steps to deliver the necessary technologies -- including unified server-storage management software via HP Systems Insight Manager 5.0 and the Essentials value-add plug-ins.

Q. Can HP Systems Insight Manager 5.0 improve availability?

HP Systems Insight Manager's can reduce reliance on resource intensive, error prone manual processes. In addition, its holistic view of the infrastructure can help you make faster, more efficient decisions and more easily troubleshoot complex problems that span server and storage infrastructure using a consolidated and consistent source of information. These capabilities can help you improve availability.

Beyond availability, this increased efficiency can help you focus less on daily maintenance and more on meeting future tactical and strategic needs by freeing up resources to focus on innovation and planning.

Q. What else can HP Systems Insight Manager do for my infrastructure?

Smaller organizations will enjoy the feature-rich management normally reserved for larger enterprises and will also appreciate the simplicity of setup and ease of use. The easy to use user interface brings storage and server management into one view to reduce management complexity while still providing detailed monitoring and reporting.

Larger enterprise organizations will enjoy an extensible feature-rich product that can be customized through the addition of other HP management products and value-add plug-ins such as the ProLiant Essentials, Integrity Essentials, and Storage Essentials. For example, Rapid Deployment Pack provides automated configuration with OS and



application provisioning to bare metal servers. Workload Management Pack monitors the performance of your applications and automatically moves computing resources to maintain the optimum application performance. And Storage Essentials plug-ins provide in-depth management of network storage devices along with heterogeneous provisioning, chargeback management, and global reporting as well application storage management for Exchange, Oracle, and more.

IT organizations of all sizes will appreciate the flexible role-based security that allows secure separation of managed devices by type (e.g. server and storage) or by department (e.g. finance and manufacturing). Administrators can also be assigned specific devices and/or applications that they are permitted to manage.

Q. Are there new Essentials capabilities that will help me control my infrastructure?

ProLiant Essentials Automation Manager 1.0 for the HP BladeSystem is a new offering. This is a policy-based automation management offering that plugs into HP Systems Insight Manager and provides the ability to automate key management processes for the HP BladeSystem. These automated processes include initial configuration and provisioning (including network and storage connectivity such as for boot from SAN deployments), and server recovery with spares. ProLiant Essentials Automation Manager enables you to define and manage processes and policies that will help you reduce manual effort and increase process consistency.

New virtualization capabilities allow you to easily migrate between physical and virtual environments and more effectively use SAN technology as part of a virtual server environment. Using ProLiant Essentials Virtual Machine Management Pack and Server Migration Pack, you can now migrate virtual systems to physical systems in addition to currently supported physical-to-virtual move. In addition, SAN-based fast moves help you move virtual machines between host servers in seconds.

New HP Storage Essentials SQL Viewer allows you to anticipate and identify the cause of capacity, performance, and availability problems for Microsoft SQL Server.

Q. Do I have to wait for HP Systems Insight Manager 5.0 to see benefits?

No! You can download HP Systems Insight Manager 4.2 and begin seeing benefits TODAY. HP Systems Insight Manager 4.2 already supports many of the Essentials capabilities and is field-proven in thousands of organizations around the world. And by deploying SIM 4.2, you'll be better prepared to take advantage of the unified server-storage infrastructure management and the simple move to HP SIM 5.0 when it is available later this summer.



Q. How do HP Systems Insight Manager and HP OpenView work together?

HP Systems Insight Manager is a key component of HP OpenView Infrastructure Management Solutions for the Adaptive Enterprise.

HP OpenView and HP Systems Insight Manager work together in a strong, complementary partnership. With a focus on resource lifecycle management and administration, HP Systems Insight Manager provides a comprehensive solution for maintaining HP servers, storage, clients systems, printers and network devices at the departmental or site level. HP Systems Insight Manager can also be used to monitor non-HP hardware platforms for consolidated management of heterogeneous hardware platforms. The broad HP OpenView portfolio delivers software solutions focused on managing and optimizing business services over multi-vendor IT, voice, application and data infrastructures. HP Systems Insight Manager complements HP OpenView solutions by communicating detailed hardware information to HP OpenView Network Node Manager and HP OpenView Operations.

Q. Where does unified infrastructure management fit in an adaptive enterprise?

HP's unified server-storage management platform and plug-ins are key elements of HP's adaptive enterprise strategy.

HP Systems Insight Manager 5.0 along with Essentials software provide a strong foundation for enterprises to begin to bridge isolated server and storage management domains, delivering facilitated provisioning of servers connected to storage, rapid troubleshooting that spans the server/storage infrastructure, flexible system recovery, and the ability to dynamically and automatically adjust to changing needs.

HP SIM 5.0 integrates with HP OpenView to combine powerful detailed infrastructure management with broad management of enterprise applications and business processes, creating a dynamic link between business requirements and IT resources.