

Streamlines the way physical and virtual systems are managed



IBM Systems Director



IBM Systems Director 6.1 simplifies the management of physical and virtual resources across the breadth of IBM systems.

Today a crisis is emerging in many data centers. Spending on administration and energy is growing rapidly and now exceeds the spending on the server hardware for many enterprises. The new IBM® Systems Director 6.1 is a unified platform management solution to help control costs by managing energy, virtualization and overall computer operations. It can help reduce system administration and energy costs by nearly 30% in a typical data center.¹

IBM Systems Director 6.1 is a platform management solution that streamlines the way physical and virtual systems are managed across a multi-system environment. Leveraging industry standards, IBM Systems Director supports multiple operating systems and virtualization technologies across IBM and

Highlights

- ***Unifies the management of IBM systems, delivering a consistent look and feel for common management tasks***
- ***Provides multi-system support for the breadth of IBM server and storage systems***
- ***Integrates IBM's best-of-breed virtualization capabilities to provide new ways to simplify the management of physical and virtual platform resources***
- ***Helps control costs and reduce complexity by integrating platform management with IBM Tivoli® enterprise service management***
- ***Provides an extendable foundation to advance the core systems management capabilities with additional plug-ins***

non-IBM platforms.² It provides an easy-to-use, point-and-click management solution that is entitled for use with IBM systems.³

IBM Systems Director 6.1 utilizes a modular and extensible platform services foundation. Base function needed for management of both physical and virtual resources is included, and additional advanced platform management functions can be easily added as required. IBM Systems Director is based on industry standards and can integrate with other industry management tools.

Transforming the data center

Virtualization has completely transformed IT. Virtualized solutions unlock resources that can be allocated flexibly to achieve business goals. IBM Systems Director provides integrated virtualization management to help achieve the full potential of virtualization. Base functions include



IBM Systems Director, together with the high-performance IBM System x3950 M2, delivers cost savings through virtualized environments.

discovery, health, topology and lifecycle tasks for virtual resources. Through one user interface, both virtual and physical resources can be managed.

An optional plug-in, IBM® Systems Director Active Energy Manager™, measures, monitors and manages the energy components built into IBM systems to help understand and control data center power consumption and costs. The scope of energy management can include facility providers as well, thus enabling a more complete view of energy consumption within the data center.³

The platform management provided by IBM Systems Director can be integrated with IBM Tivoli enterprise service management for a total IT service management solution. IBM Systems Director and certain Tivoli products share a common agent for managed machines. Integration of Tivoli Provisioning Manager for OS Deployment (TPMfOSD) with IBM Systems Director can dramatically simplify server configuration, operating system installation and disposal of retired systems.

Becoming more efficient

IBM Systems Director helps administrators automate data center operations. Featuring simplified discovery and automated configuration, compute resources can be quickly added for management. Powerful grouping capabilities with nesting help organize resources for efficient operation. A simplified interface is used to create action plans for events that can trigger automatic responses such as e-mail notification or task execution.

To help drive system compliance and consistency, the update management feature can automatically notify users of out-of-date systems and provide simplified tasks to download and install updates.

Easier to use

IBM Systems Director 6.1 features a user-friendly, Web-based interface that helps guide administrators with an extensive array of wizards. Resource views of systems and groups clearly show relationships between physical

and virtual resources. Customizable dashboards summarize critical resources and provide drill down for detailed status.

Quick “time to value” is provided by a simplified deployment, installation and update process with default and custom installation options with unattended installation and automatic start of management servers. A welcome page informs and educates administrators with summarized status reports and tutorials and assistance with common tasks.

IBM Systems Director helps simplify IT operations by providing a consistent management interface across the breadth of IBM systems: System x™, BladeCenter®, Power Systems™, System z® and select IBM storage solutions. Non-IBM x86 servers can also be managed by IBM Systems Director.²



IBM Systems Director supports a wide variety of platforms including IBM Power Systems servers such as the IBM Power 575.

Next generation

IBM Systems Director is the next-generation, platform-management solution that can help decrease management costs while improving utilization of IT resources. Built on industry standards, integrating virtualization management and extensible via a plug-in architecture, IBM Systems Director is designed for now but ready for tomorrow.



IBM Systems Director for Linux on System z helps to simplify and reduce IT infrastructure.

For more information

Contact your IBM representative or IBM Business Partner or visit:

- IBM Virtualization Management:
ibm.com/systems/virtualization/about/campaigns/virtualization_management.html
- IBM Systems Director:
ibm.com/systems/management/director/
- IBM Power Systems Management:
ibm.com/systems/power/software/management/about.html
- IBM System x: ibm.com/systems/x/
- IBM BladeCenter:
ibm.com/systems/bladecenter/
- IBM Systems Director for System z:
ibm.com/systems/z/advantages/virtualization/director.html

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¹ Source: "Value Proposition for IBM Systems Director: Challenges of Operational Management for Enterprise Server Installations," Management Brief, September 2008, © International Technology Group, Los Altos, California.

² Use of IBM Systems Director with non IBM systems requires purchase of an agent license.

³ Software support and optional plug-ins are purchased separately.



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