



LANDesk[®] Server Manager

Single Console Multi-Vendor Management Solution

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Challenge

Data center infrastructure is increasing in size and complexity, evolving into a mix of physical and virtual server platforms. In today's growing and rapidly changing data center environments, system administrators must provide consistent and highly available systems with little or no expansion in operating budgets, driving the need for a new approach to server management.

Businesses today require more agility and nimbleness in managing their IT systems. One imperative is quickly integrating new technologies, systems and services into the organization's management solution to improve operational efficiency. This allows systems and services to have high availability rates while maintaining control of operating costs. Finding the right management tools and services to meet these requirements is a key challenge to realizing these goals.

Avocent Solution

Avocent LANDesk® Server Manager solution provides all of the tools you need to plan, deploy and manage your server infrastructure throughout its life cycle. It combines systems management features such as provisioning, patch management, inventory, monitoring and alerting with remote management capabilities including KVM, virtual media, power control, service processors and serial console through integration with Avocent DSView® 3 management software solution. The solution ensures you have all of the tools required to provide reliable services and respond to incidents quickly, enabling an "Always On" service delivery.

Avocent LANDesk Server Manager

LANDesk Server Manager triggers a lifestyle change in the way you manage your data center allowing server operations to move from a reactive mode, where servers are managed in a one by one fashion, to a proactive and controlled mode, where deployments and changes are planned and tested once before being deployed many times using reusable modular configuration templates.

The consistency and conformity that this approach brings creates a solid foundation or baseline so that configuration changes can be planned and deployed in a controlled and reliable manner. This leads to higher levels of operational efficiency and highly reliable systems that remain secure and compliant with corporate server policy.

LANDesk Server Manager allows for heterogeneous server environments to be managed in a more homogeneous way by allowing standard configurations of servers to be managed and deployed in the data center across multiple physical and virtual server platforms. The "design once" and "deploy many" methodology provides a high degree of control and allows for automation of major operational tasks such as provisioning, patching and software distribution.

When used in combination with Avocent DSView 3 software, the scope of server operations is extended to include a complete out-of-band management solution. This approach complements the systems management functionality of LANDesk Server Manager by allowing for "Always On" remote access to server hardware that is a requirement of lights out data centers and delivers true remote management.



A complete solution for server management, allowing IT administrators full control of their operational environment.

Consistent, repeatable systems management for servers

- Modular template based server provisioning and configuration
- Reliable, timely, automated patch management
- Comprehensive system inventory
- Monitoring and management of server hardware, software, performance and security
- Remote problem resolution to restore server health
- Integrated out-of-band capability
- Supports multiple server platforms and operating systems

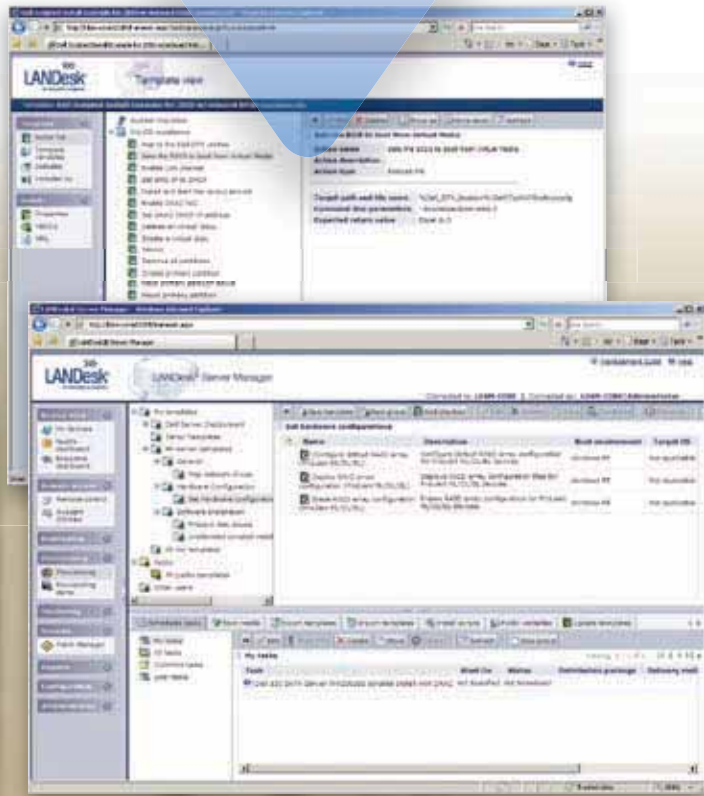
Benefits

- Standardized configurations lead to higher system reliability
- Automation of provisioning and patching of multiple servers leads to operational savings
- Maintain systems in a secure and reliable state according to corporate policy
- Detailed inventory enables increased planning and accounting capability
- Increased server reliability and availability
- Fast diagnosis and correction of incidents
- “Always On” management allows servers to be managed in all states of operation
- Single solution to multiple vendors simplifies operations

LANDesk Server Manager

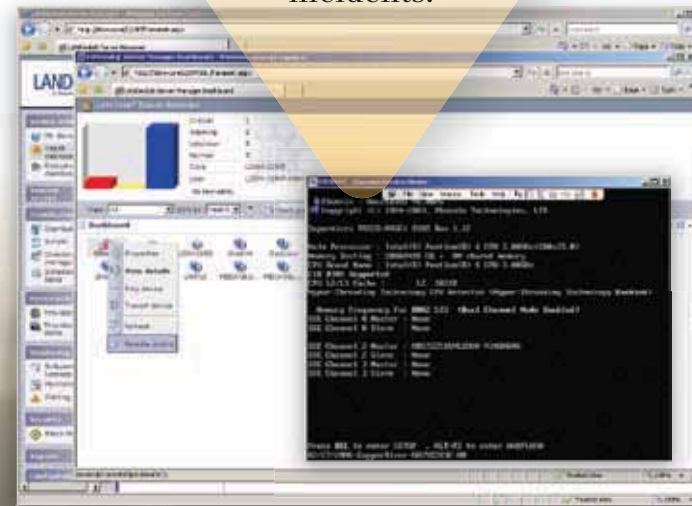
Deploy

Server provisioning allows for multiple servers to be deployed using modular reusable templates from bare metal to fully installed and patched state.



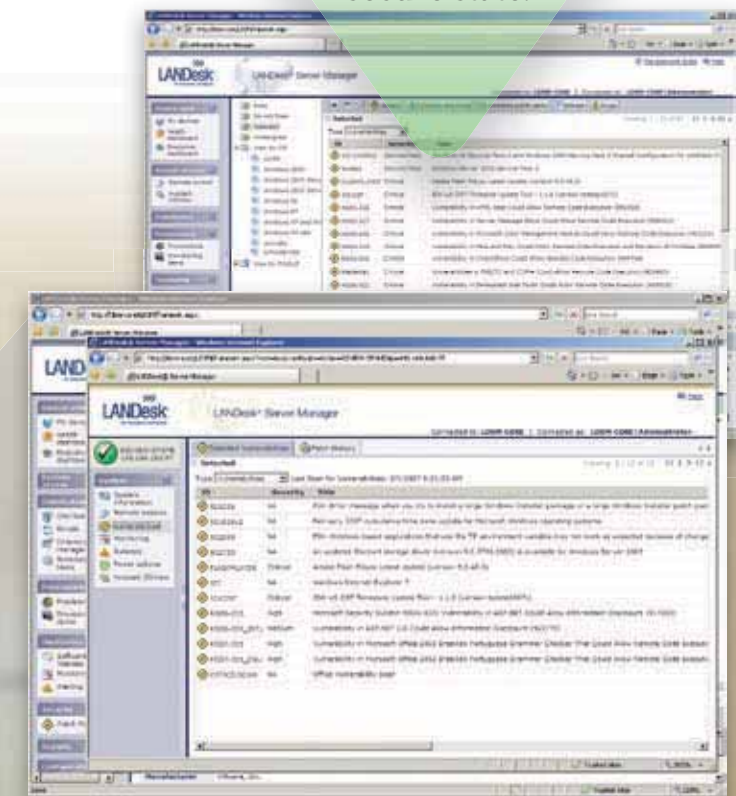
Monitor

Health dashboard and predictive failure analysis allow server health to be continually monitored and provides complete remote management to respond to incidents.



Protect

Complete patch management services provide security and software update patches from all leading server and operating system vendors ensuring servers are maintained in a reliable and secure state.



Always in control

- Template based approach to provisioning and configuration management ensures a consistent baseline and prevents configuration drift
- Complete remote access solutions ensure you can control your servers from power on to end of life
- Provisioning history provides complete audit trail of configuration changes
- Virtual media integration allows for complete remote provisioning from bare metal without the need for PXE environment
- Out-of-band management integration ensures you have control even after a system crash
- Predictive failure analysis

Benefits

- Consolidated provisioning audit trail provides single source of data for all configuration changes
- Virtual Media in provisioning allows for complete remote provisioning and removes the risks associated with traditional DHCP and PXE approaches
- Modular provisioning templates remove the problem of managing multiple static system images and allows for templates to be easily updated to reflect the latest patch requirements
- Out-of-band integration ensures you can perform all management tasks from a single console
- Power and physical console access enables “lights out” data center operation and complete remote management of servers
- Identify potential problems and react before an incident occurs



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