



Microsoft Exchange Server 2007 and System Center

Managing, deploying, and protecting Exchange Server 2007 with System Center

What Is System Center?

System Center is Microsoft's family of systems management solutions designed to make IT more productive and efficient by allowing the IT department to apply best practices to systems management, deployment, and data protection.

System Center solutions can work together to provide an integrated, end-to-end management solution. They are designed to simplify IT operations and to capture and analyze information about your infrastructure and business processes. They also give IT the ability to offer comprehensive management of physical and virtual infrastructures in an efficient and effective manner.

Benefits of Using System Center with Exchange Server 2007

Using System Center products with Exchange Server 2007 improves the operation of your computing environment and improves your business workflow. This combination also delivers these improved services for your business IT customers:

- **Better Managed Complex Environments**
Infrastructures require tools to manage and monitor. Using System Center to keep Exchange Server running in optimum health keeps business processes functioning smoothly.
- **Better Planning for Exchange**
Deploying and changing an existing Exchange infrastructure is a complex task that requires detailed knowledge of the existing Exchange environment. System Center guarantees that decisions can be made to improve and

extend the infrastructure with minimal impact on existing Exchange users.

Deploying Standardized Configurations

Keeping an individual Exchange Server updated and patched to a consistent level can be a time-consuming task. Standardizing Exchange Server deployment limits the chance that an erroneously configured installation can corrupt or negatively impact the Exchange infrastructure.

Better Together: System Center and Exchange Server 2007

There are four members of the System Center family that are most applicable to IT administrators responsible for Exchange Server 2007 installations:

- **System Center Configuration Manager 2007**
Configuration Manager controls software updates, deployment, and inventory. By using the Desired Configuration Management (DCM) feature, the Exchange administrator can build a dynamic baseline configuration for the Exchange servers and monitor compliance with that baseline.

They will also be alerted to take action should the baseline configuration change.
- **System Center Capacity Planner**
With System Center Capacity Planner, the Exchange administrator has the ability to thoroughly pre-plan any Exchange deployment and get hands-on feedback on what types of servers, and server configuration will be the best choice for his new deployments.

Administrators can also do "what-if" analysis with their existing Exchange infrastructures to get a good feel for what affect changes to their existing infrastructure can occur with changes in workloads, communications capabilities, and user names.

- **System Center Operations Manager 2007**
System Center Operations Manager provides an end-to-end service management and monitoring solution for an entire Windows IT environment.

The Exchange Server 2007 Management Pack will give Operations Manager the ability to provide in-depth health reports with an included knowledgebase that provides detailed information about health status issues and alerts. Server administrators can then get an enterprise-wide view of the health, performance, and stability of all of their managed servers from a single console.

- **System Center Data Protection Manager 2007**
Data Protection Manager 2007 (DPM) was designed from the ground up to protect the Microsoft Exchange Server workload.

With Data Protection Manager 2007, continuous data protection can provide lossless data protection by taking a snapshot of the changed data every 15 minutes and using the Exchange transaction logs to recreate any data that was changed or created since the last snapshot.



System Center Product	Benefits for Exchange Server
System Center Operations Manager 2007	<ul style="list-style-type: none">• Inventory discovery and management• Events and alerts display• Multiple views ready to use out-of-the-box• Customization with the Exchange 2007 Management Pack
System Center Configuration Manager 2007	<ul style="list-style-type: none">• Deploy consistent instances of Exchange Server throughout the enterprise• Keeping servers up-to-date with the latest patches and software updates
System Center Capacity Planner	<ul style="list-style-type: none">• Do pre-deployment planning for new Exchange installations• Perform "What-if" planning scenarios for new and existing Exchange deployments
System Center Data Protection Manager 2007	<ul style="list-style-type: none">• Lossless protection and flexible restore points for backups of Exchange Server• Continuous data protection is achieved by capturing a snapshot of data changes as they occur in real-time; lossless protection uses most recent snapshot and transaction records to restore to the point where the failure occurred• Central point of backup for all Exchange servers

For Further Information

Exchange Server Home
<http://www.microsoft.com/exchange/>

System Center Operations Manager 2007
<http://www.microsoft.com/systemcenter/opsmgr/>

System Center Home
<http://www.microsoft.com/systemcenter/>

System Center Data Protection Manager 2007
<http://www.microsoft.com/systemcenter/dpm/>

System Center Configuration Manager 2007
<http://www.microsoft.com/systemcenter/configmgr/>

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