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Gerenciando seu ambiente com os produtos System Center

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OPERATING SYSTEMS

SECURITY

IT OPERATIONS

ONLINE

- Windows Server 2008
- Windows Small Business Server Code Name "Cougar"
- Windows Server Code Name "Centro"
- Windows Vista SP1
- Windows Server 2008 Update Release
- Windows Server 2008 SP1

- Microsoft Forefront Code Name "Stirling"
- Microsoft Forefront Client Security
- Microsoft Forefront Security for Office Communications Server
- Microsoft Forefront Security Management Console
- Intelligent Gateway Application 2007
- Microsoft Forefront Security for Exchange Server "14"
- Microsoft Forefront Security for SharePoint "14"

- Microsoft System Center Operations Manager 2007
- Microsoft System Center Essentials "v2"
- Microsoft System Center Configuration Manager 2007
- Microsoft System Center Data Protection Manager "v2"
- Microsoft System Center Virtual Machine Manager
- Microsoft System Center Service Manager
- Microsoft System Center Capacity Planner 2007
- Microsoft Identity Lifecycle Manager 2007
- Microsoft Desktop Optimization Pack for Software Assurance

- Windows Live
- Microsoft Office Live
- msn
- Microsoft adCenter
- XBOX LIVE
- Live Search

COLLABORATION

ENTERTAINMENT & DEVICES

BUSINESS PLATFORM

APPLICATION PLATFORM

- Microsoft Office Communications Server 2007
- Microsoft Office Communicator 2007
- Microsoft Expression Studio
- Microsoft Speech Server 2007
- Microsoft Tellme
- Office:mac

- ZUNE
- Microsoft Mediaroom
- Windows Embedded CE
- Windows Automotive
- Windows Media
- Microsoft Surface
- Microsoft Office Mobile
- XBOX 360 ELITE

- Microsoft Dynamics NAV
- Microsoft Dynamics AX
- Microsoft Dynamics SL
- Microsoft Dynamics GP
- Microsoft Dynamics CRM
- Microsoft Dynamics Live CRM
- Microsoft Dynamics Entrepreneur Solution

- Microsoft SQL Server 2008
- Microsoft BizTalk Server R2
- Microsoft .NET Framework
- Microsoft Visual Studio 2008
- Microsoft Popfly
- Microsoft Expression Studio V2
- Microsoft Silverlight



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Agenda

- O que é a Família System Center?
- System Center Configuration Manager 2007 (SCCM)
- System Center Operations Manager 2007 (SCOM)
- Certificação
- Mais Informações



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Familia System Center

- System Center Configuration (SCCM)
 - Gerenciamento de ambientes
- System Center Operations (SCOM)
 - Monitoração e suporte
- System Center Data Protection (SCDPM)
 - Backup e restore
- System Center Virtual Machine (SCVMM)
 - Gerenciamento e monitoração para virtualização (Hyper-V e Virtual Server)
- System Center Service Manager
 - Gerenciamento do processo ITIL/COBIT



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Familia System Center (cont.)

- Todos trabalham utilizando parte Server e parte Client, chamado de *Agent*
 - Rodam com base de dados SQL Server
 - Integram-se ao SQL Server Reporting para relatórios pela web
- Apesar de serem da mesma familia de produtos e utilizam o SQL Server como repositório **NÃO INTEGRAM DADOS (???)**



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System Center Configuration

- Permite instalação de software
- Realiza inventários de hardware e software
- Distribui as atualizações do sistema operacional e produtos Microsoft (WSUS)
- Instala ou atualiza sistemas operacionais por processo de imagem (WDS)
- Gera dados sobre uso de aplicações
- Gera relatórios de dados e *assets*



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Demo

System Center Configuration Manager



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System Center Operations

- Monitora sistemas, serviços e aplicativos
 - Monitora o Event Viewer do Windows
 - Coleta dados do Performance Monitor
 - Coleta dados de logs do Windows e de aplicações
- Envia informações por email, pager ou métodos customizados para grupos
- Toma ações automaticamente em caso de problemas, com comandos e scripts



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System Center Operations (cont)

- Possui mais de 800 Management Packs
- Permite customização das regras
 - Podem ser criados agentes e regras pelo SDK
 - As regras e monitorações podem ser criadas diretamente na interface
- Controla abertura e fechamento de chamados, gerando relatórios de SLA
- Possui uma interface web para acesso de operadores e clientes





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System Center Operations Manager



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System Center Data Protection

- Permite o agendamento de backups e recuperação de dados centralizado
- Possui agentes prontos para diversos tipos de serviços
- Gera relatórios detalhados dos processos de backup executados
- Mantem log dos backup e permite retornar a qualquer ponto
- Possui controle de banda da comunicação



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System Center Virtual Machine

- Permite gerenciar as máquinas virtuais entre vários servidores físicos
- Indica qual host físico esta menos ocupado e faz a migração “on live”
- O Live Migration é real e não para tarefas
- O P2V a partir de servidores derruba o ambiente entre 1 a 5 minutos apenas



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System Center Service Manager

- Implementa todos os recursos necessários do ITIL, como gerencia de mudanças, chamados, custos, etc
- Possui um portal web onde o usuário poderá abrir e consultar chamados
- Gera relatórios detalhados para contratos SLA e efetividade da equipe, incluindo custos



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Certificação System Center

Exame 70-400: MCTS: Microsoft System Center Operations Manager 2007, Configuration

Exame 70-401: MCTS: Microsoft System Center Configuration Manager 2007, Configuration

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Para Mais Informações

Visite do System Center em:

www.microsoft.com/brasil/technet

www.marcelosincic.com.br

Treinamentos oficiais (MOC):

Course 6451

Planning, Deploying and Managing Microsoft System Center Configuration Manager 2007

Course 50023

Managing Microsoft System Center Data Protection Manager 2007

Course 50028

Installing and Configuring System Center Operations Manager 2007

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Dúvidas?



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