



System Center Essentials 2010 - je čas na změnu?



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Agenda

- Úvod
- Microsoft System Center v roce 2009/2010
- Popis Essentials 2007
- Představení Essentials 2010
- Instalace Essentials 2010
- Konfigurace Essentials 2010
- Použití Essentials 2010
- Essentials vs. System Center produkty
- Rozšiřitelnost řešení

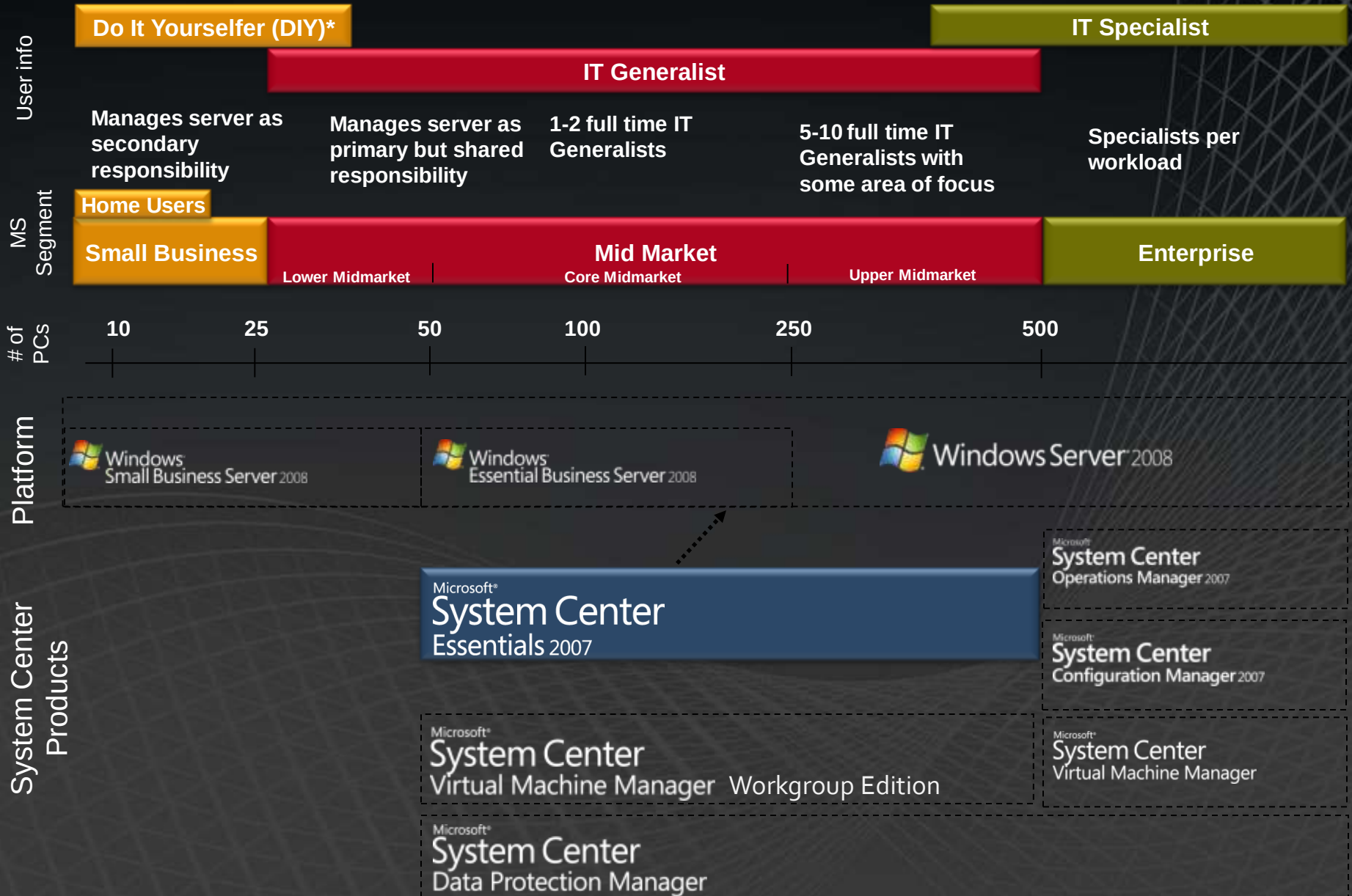


System Center v roce 2009/2010

O co se stará IT

- Správa hardware a software
 - System Center Configuration Manager
- Dohled hardware a software
 - System Center Operations Manager
- Správa virtualizace
 - System Center Virtual Machine Manager
- Zálohování
 - System Center Data Protection Manager
- Centrální helpdesk a servicedesk
 - System Center Virtual Machine Manager
- ...
- Správa a dohled pro malé a středně velké společnosti
 - System Center Essentials
 - System Center Virtual Machine Manager Workgroup

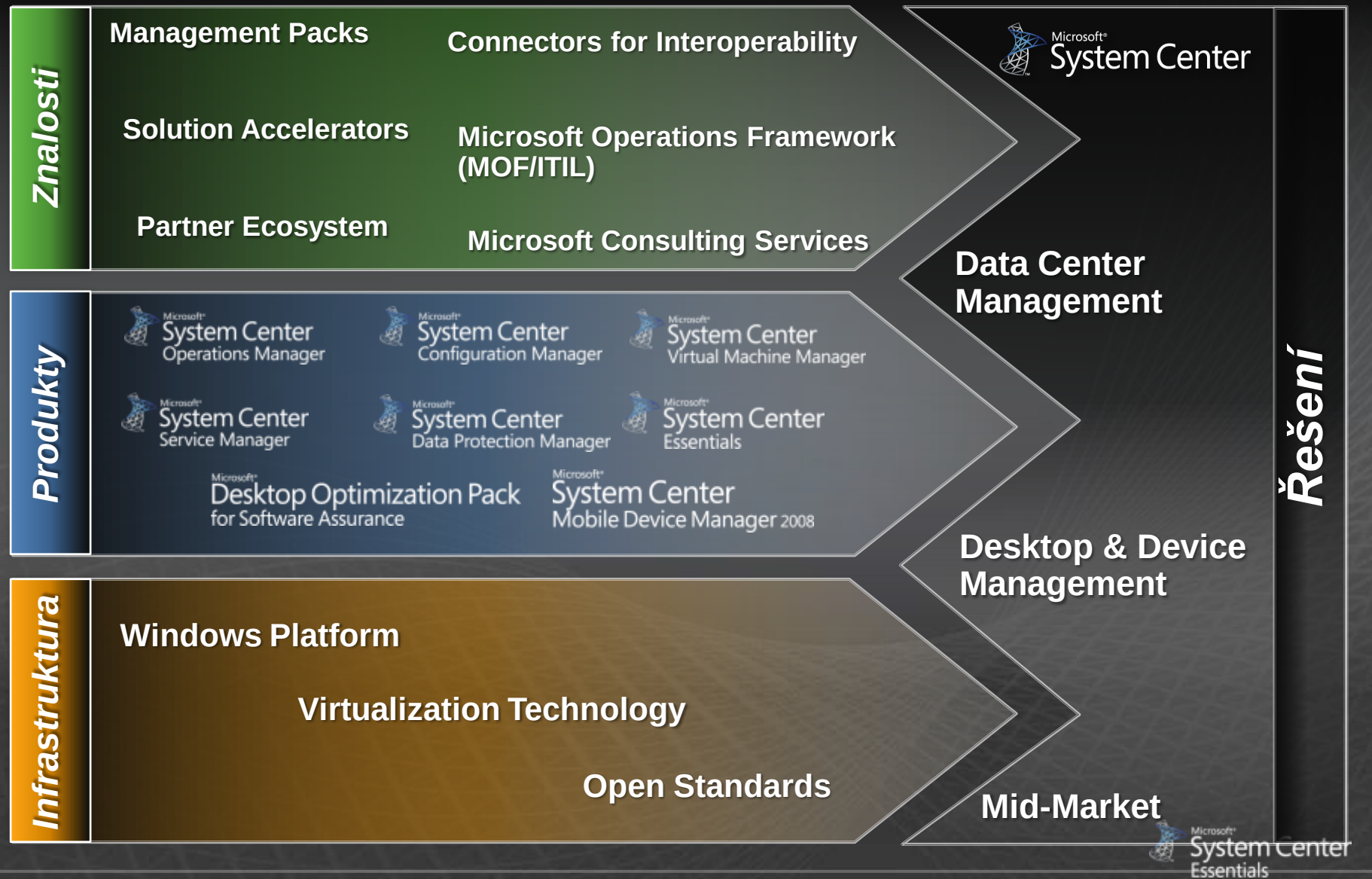
Produkty Microsoft System Center



Microsoft System Center

	2008	2009	2010	2011
 Microsoft System Center Operations Manager	2007 SP1	2007 R2		vNext
 Microsoft System Center Configuration Manager	2007 R2	2007 SP2		vNext
 Microsoft System Center Virtual Machine Manager	2008	2008 R2		vNext
 Microsoft System Center Data Protection Manager	2007 SP1		2010	
 Microsoft System Center Service Manager			2010	vNext
 Microsoft Desktop Optimization Pack for Software Assurance			2010 & R2	2011 & R2
 Microsoft System Center Essentials			2010	

Lidé, procesy, technologie





System Center Essentials

Verze 2007

Vývoj Essentials



Microsoft System Center Essentials

Group Summary Report - All Client Computers

Computer Group Summary

All Client Computers - 100 members

Operating Systems:		Health Status:	
Windows 7 (64-bit)	10	1. Alerts: 10 with high severity	1
Windows 7 (32-bit)	9	2. Updates: 1 with failed install	2
Windows 8.1 (64-bit)	26	3. Software: 1 with failed install	3
Windows 8.1 (32-bit)	2	4. Config: 11 not contacted in 30 days	4
Models:		Installed Software:	
Dell Precision 580	40	Adobe Reader 9.5	23
Dell Precision 580 (HP)	20	Adobe Acrobat 9.5	24
HP Compaq 6200	10	Adobe Creative Suite 2	10
HP Compaq 6200	10	Adobe Photoshop 9.5	25
Lenovo Idea X1	6	Adobe Reader 9.5.1	101
Lenovo Idea X1	6	Microsoft Office 2010	46
Hard Drives:		Google Toolbar for IE	24
Crucial BX200 4GB SATA	10	Microsoft Dynamics MC	6
Crucial BX200 4GB SATA	10	Microsoft Exchange Manager	4
Crucial BX200 4GB SATA	10	Microsoft Exchange MC	10
Crucial BX200 4GB SATA	10	Microsoft Exchange Manager	60
Crucial BX200 4GB SATA	10	Microsoft Exchange Manager	36
Total # of drives	120	Microsoft Exchange Manager	101
		Microsoft Office Professional Edition	70

Close Select

- Jednoduchá instalace
- Jednotný základ znalostí
- Komplexní správa
- Správa aktualizací
- Inventarizace software a hardware
- Zabudovaný reporting
- Software deployment
- Podpora vzdálené správy

- Jednoduchá instalace
- Jednotný základ znalostí
- Komplexní správa
- Správa aktualizací
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- Zabudovaný reporting
- Software deployment
- Podpora vzdálené správy

Co je nového v Essentials SP1?

Podpora pro

- Správu počítačů ve workgroup
- Dohled síťových zařízení SNMPv1
- Možnost nastavení hromadných auto-approval pravidel v Update Management
- Možnost použití rozdílné verze platformy (x86 or x64) pro vzdálenou instanci SQL Server 2005 než je na Essentials 2007 Management serveru
- Běh Essentials 2007 na Windows Server 2008
- Management packy pro Windows Server 2008

Vylepšení

- Backup a disaster recovery postupy
- Kvalita management packů
- Výkon, použitelnost a podpora



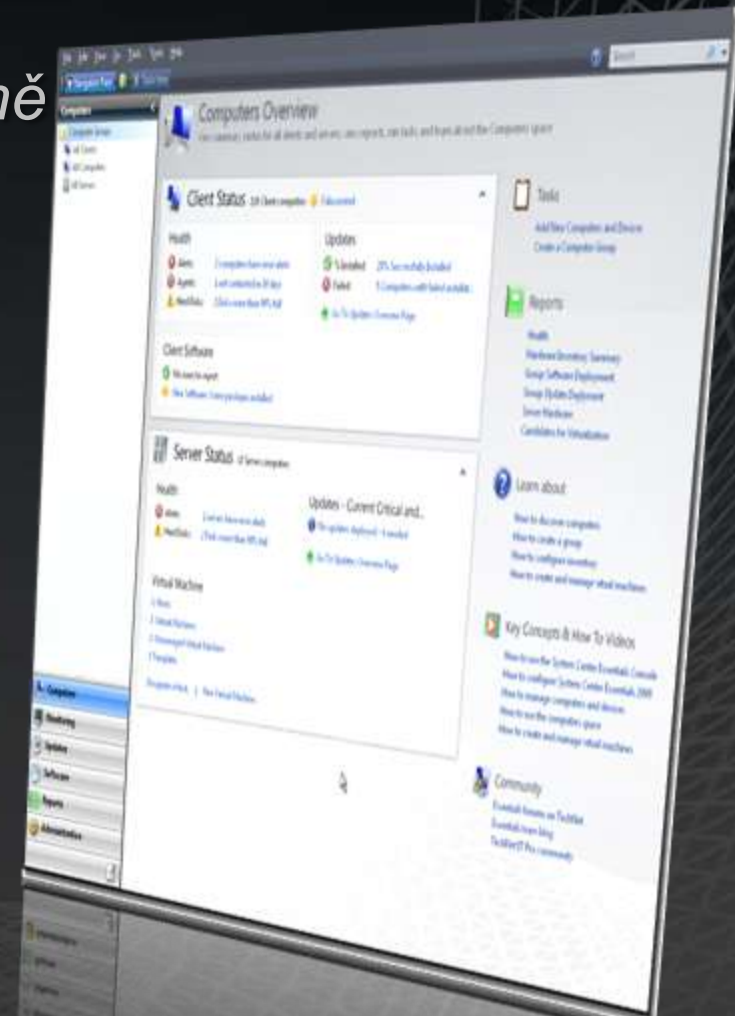
System Center Essentials

Verze 2010

System Center Essentials 2010

Řešení navržené pro malé a středně velké společnosti s maximálně 50 servery a 500 klienty

- Rozšíření možností správy prostředí
- Vytváření a správa virtuálního prostředí
- Jednoduchá instalace
- Komplexní dohled
- Správa aktualizací
- Inventarizace software a hardware
- Instalace aplikací
- Zabudovaný reporting
- Dohled SNMP zařízení (cca do 100ks)



Essentials 2010 - společná konzole

Jeden pohled na IT prostředí

Přehledné souhrny a stav zdraví prostředí

Zabudován pohled na virtualizaci

Přehledné prostředí s patřičnými daty

Přímé odkazy na úlohy, reporting a nápovědu

Ve verzi 2010 je nové

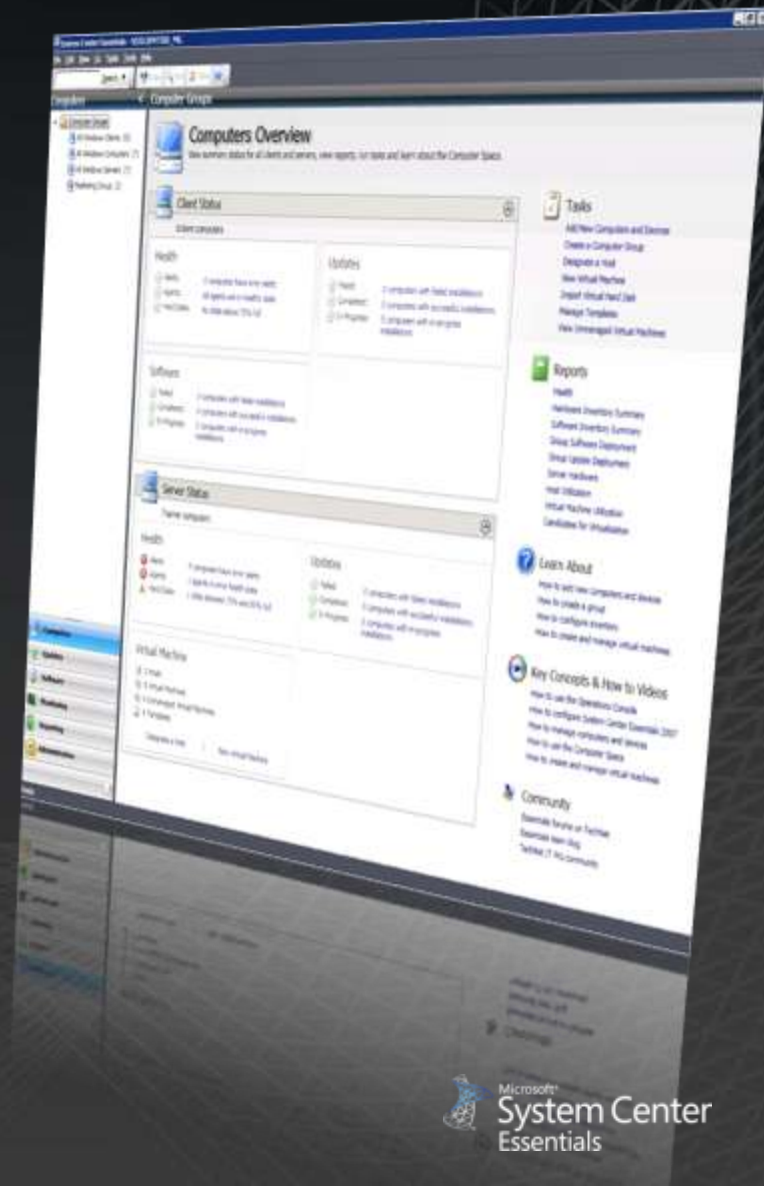
Přehledová stránka s kontextovými odkazy

Vytváření skupin na základě atributů

Informační lišta pro sledování aktualizací

Jednoduché úlohy správy

Konfigurace vlastních pohledů s možností vyhledávání



Essentials 2010 - inventarizace a reporty

Větší přehled o hardware a software položkách

Více než 60 atributů pro HW a SW inventarizaci

HW – vlastnosti WMI, SW – Add/Remove program

Inventura a reportování probíhá každých 22 hodin

Více použitelné reporty

Denní report stavu IT prostředí

180 vytvořených reportů

Nové reporty součástí importovaných MP

V každém pohledu odpovídající reporty

Ve verzi 2010 je nové

Kandidáti virtualizace

Vytížení HOST serveru

Report aplikování security a kritických updatů



Essentials 2010 - dohled prostředí

Komplexní dohled IT prostředí

Zabudované informace a rady pro diagnózu a řešení problému

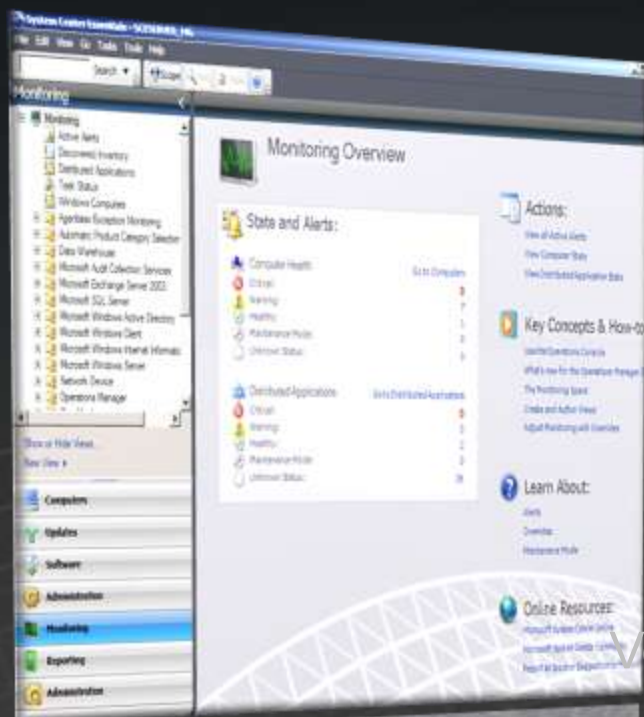
Zabudované úlohy "na kliknutí pro nápravu problému

Zabudovaná vzdálená plocha pro správu počítačů

Možnost vlastních změn parametrů dohledu

Dohled síťových zařízení SNMPv1 nebo v2

Zasílání zpráv přes email, pager nebo SMS



Ve verzi 2010 je nové

Částečná správa přes web

Ruční vytváření notifikací z alertů

Průvodce a reporty pro dohled Service Level

Essentials 2010 - dohled prostředí

Management packy

Essentials používá stejné management packy jako
Operations Manager

Parametry upraveny pro menší prostředí

Přidány další pravidla od partnerů a výrobců

Microsoft MP jsou dostupné na:

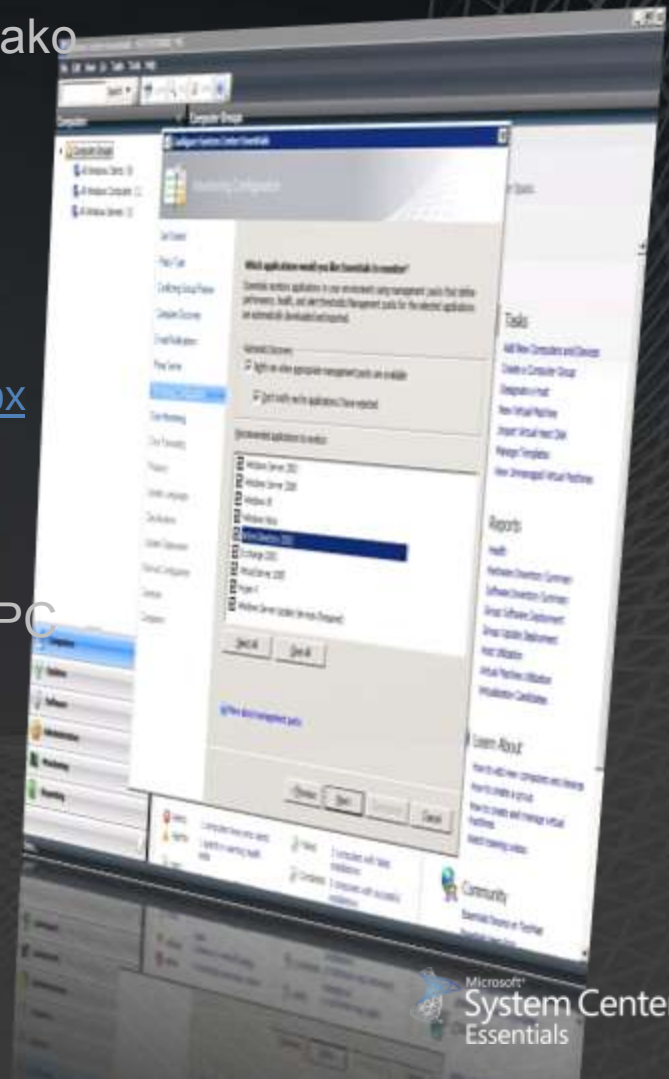
<http://technet.microsoft.com/en-us/sce/cc462787.aspx>

Vzdálené řešení problémů

Detailní informace o konfiguraci uživatelského PC

Z konzole lze spouštět povolené úlohy

Ping, List Processes, IPConfig, atd.



Essentials 2010 - instalace aplikací

Rychlá konfigurace a distribuce aplikací

Instalace aplikací pro klienty a servery

5-ti krokový průvodce tvorbou balíčku aplikace

Podpora pro MSI a EXE aplikace

Pro použití je potřeba minimální znalost s distribucí aplikací

Reporty o stavu distribuce aplikací

Zabudována funkce „instaluj nyní“

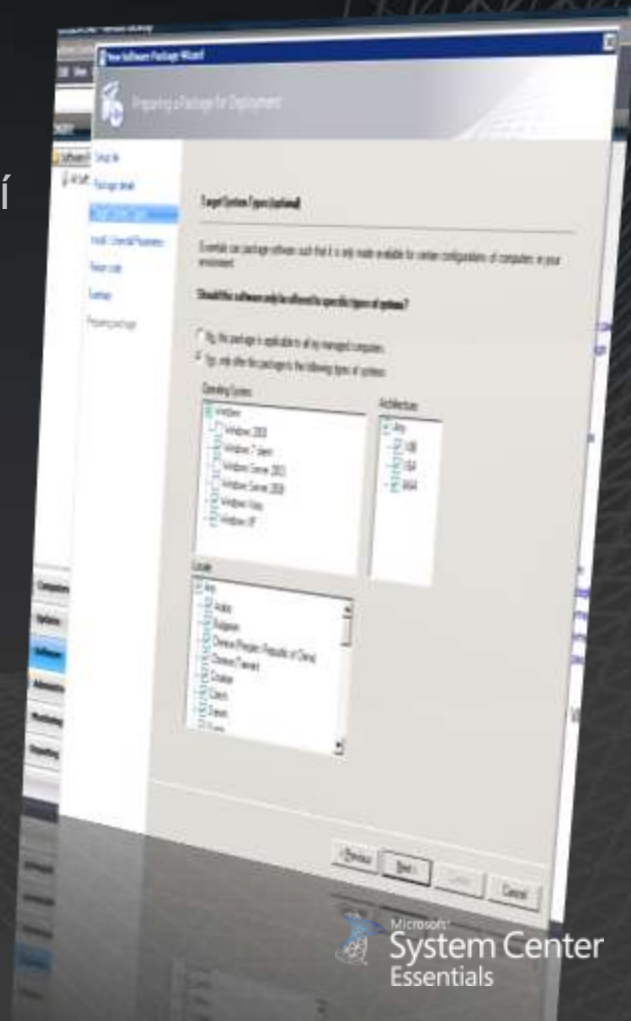
Snadná odinstalace nasazených aplikací

Ve verzi 2010 je nové

Lepší zacílení pro distribuci aplikací

Změna nastavení již vytvořených balíčků

Lokalizace prostředí během vytváření balíčku



Essentials 2010 - správa aktualizací

Jednodušší konfigurace a sledování aktualizací

Podpora pro aktualizace MS i dalších výrobců

Podpora více členných skupin pro pružnější zacílení

Report aplikování security a kritických updatů v rámci celého IT prostředí

Možnost vynutit okamžitou instalaci aktualizací

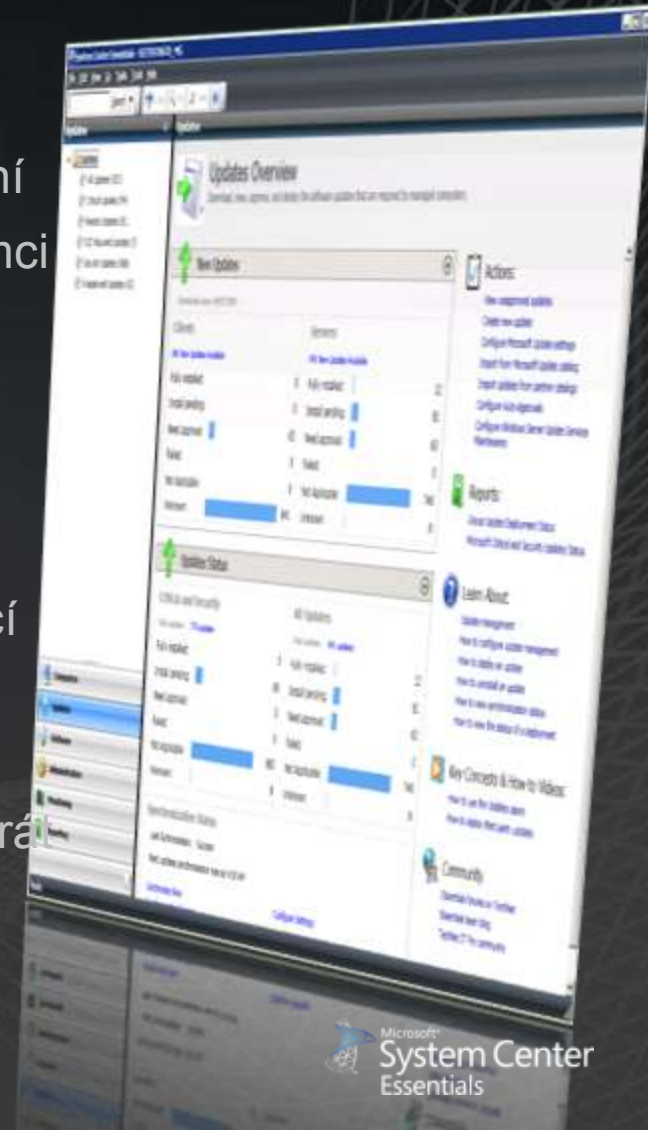
Ve verzi 2010 je nové

Možnost automatické správy potřebných aktualizací

Možnost konfigurace automatického vynucení instalací

Možnost synchronizace s Microsoft Update několikrát denně

Snadný pohled na přehled potřebných aktualizací



Virtualizace

Managing a virtualized infrastructure with a common management platform



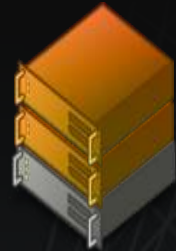
Presentation Virtualization

 Windows Server 2008
Terminal Services



Profile Virtualization

Document redirection
Offline files



Server Virtualization

 Windows Server 2008
Hyper-V
Microsoft
Virtual Server 2005 R2



Microsoft®
System Center



Desktop Virtualization

Microsoft®
Virtual PC

Microsoft®
Enterprise Desktop
Virtualization

Application Virtualization



Microsoft®
**Application
Virtualization**

 Microsoft®
**System Center
Essentials**

Essentials 2010 - správa virtualizace

Maximální vytěžování zdrojů

Správa virtualizace je součástí řešení

Jednodušší použití díky integraci do SC Essentials

Komplexní dohled fyzického a virtuálního prostředí
(HW, OS, aplikace a služby)

Rychlé vytváření nových HOST a virtuálních strojů

Rychlá a spolehlivá konverze P2V a V2V

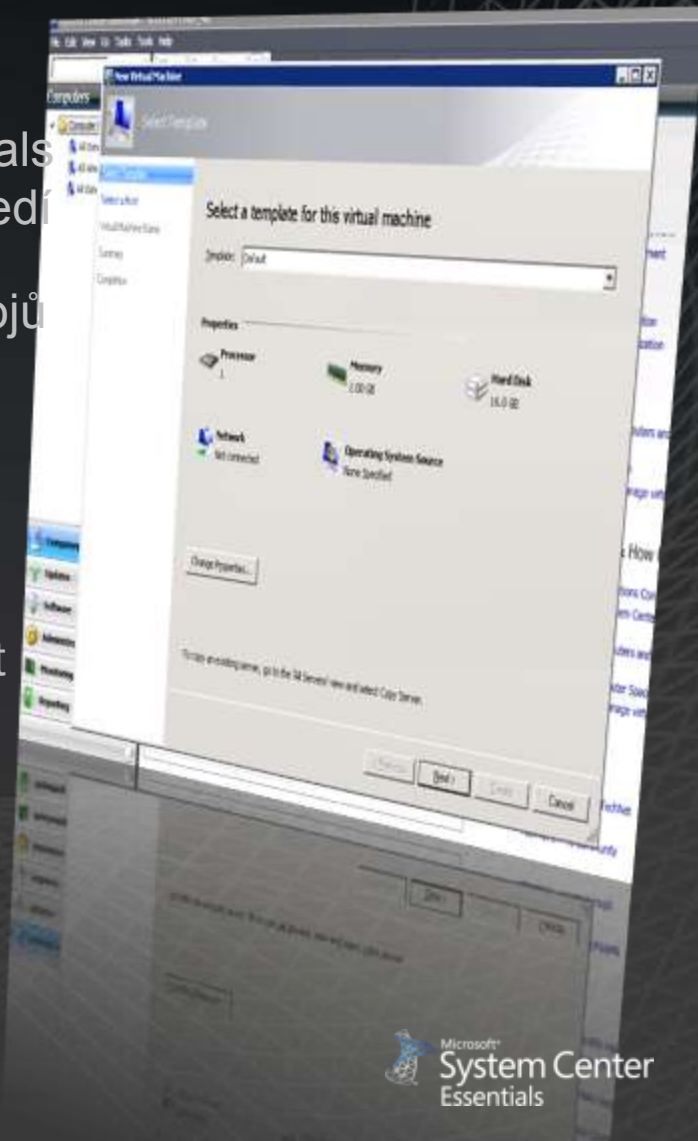
Přizpůsobení se prostředí

Windows 2008 Server a Hyper-V pro 64-bit
prostředí

Windows 2003 Server a Virtual Server pro 32-bit
prostředí

Virtualizační část jako instalační volba

Import existujících virtuálních serverů, včetně
VMware



Essentials 2010 - správa virtualizace

SCE 2010 - virtualizační vlastnosti

Konfigurace HOST serverů

Tvorba virtuálních strojů

Kopírování virtuálních strojů z jiných serverů (P2V nebo V2V)

Tvorba snímků VM pro rychlou zálohu

Inteligentní umísťování virtuálních strojů

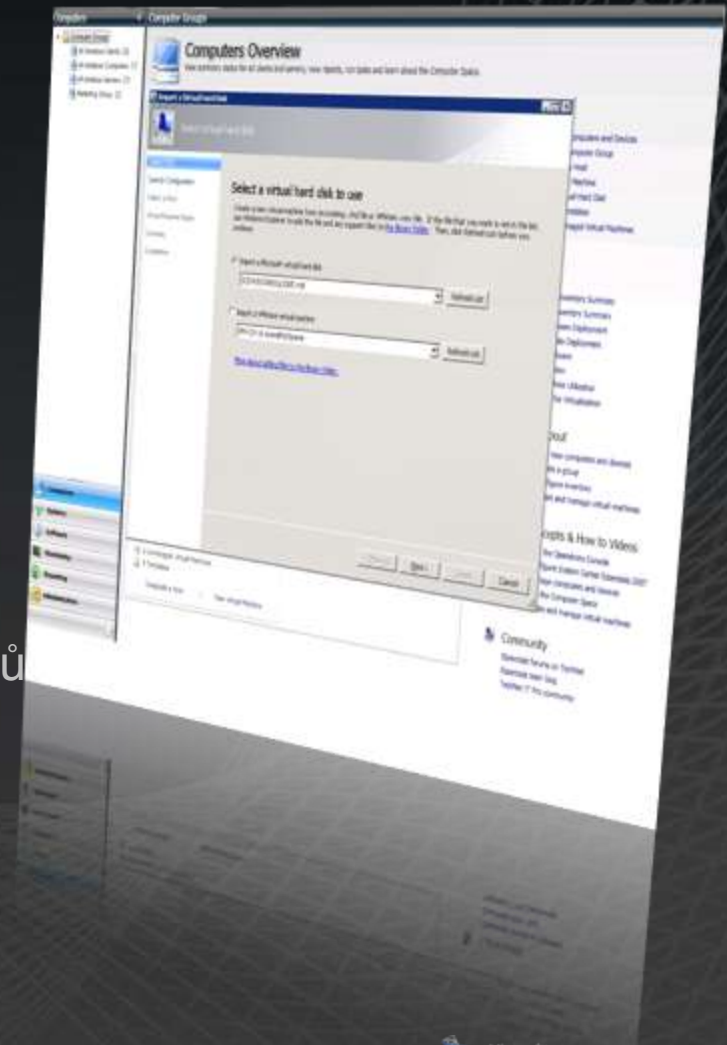
Jednoduchá práce již od začátku

Předem vytvořené šablony virtuálních strojů

Krátký průvodce pro vytváření virtuálních strojů

Automatická konfigurace sítě

Enterprise řešení pro prostředí malých společností



Essentials 2010 - správa virtualizace

Intuitivní a snadno použitelný P2V a V2V

Základní vlastnost SC Essentials, není potřeba dalších nástrojů

5-ti krokový průvodce

Automatické zjištění původní konfigurace

Konfigurace disk, paměť nebo CPU lze měnit

Ponechání konfigurace sítě, včetně MAC adresy

Volitelně lze původní počítač vypnout

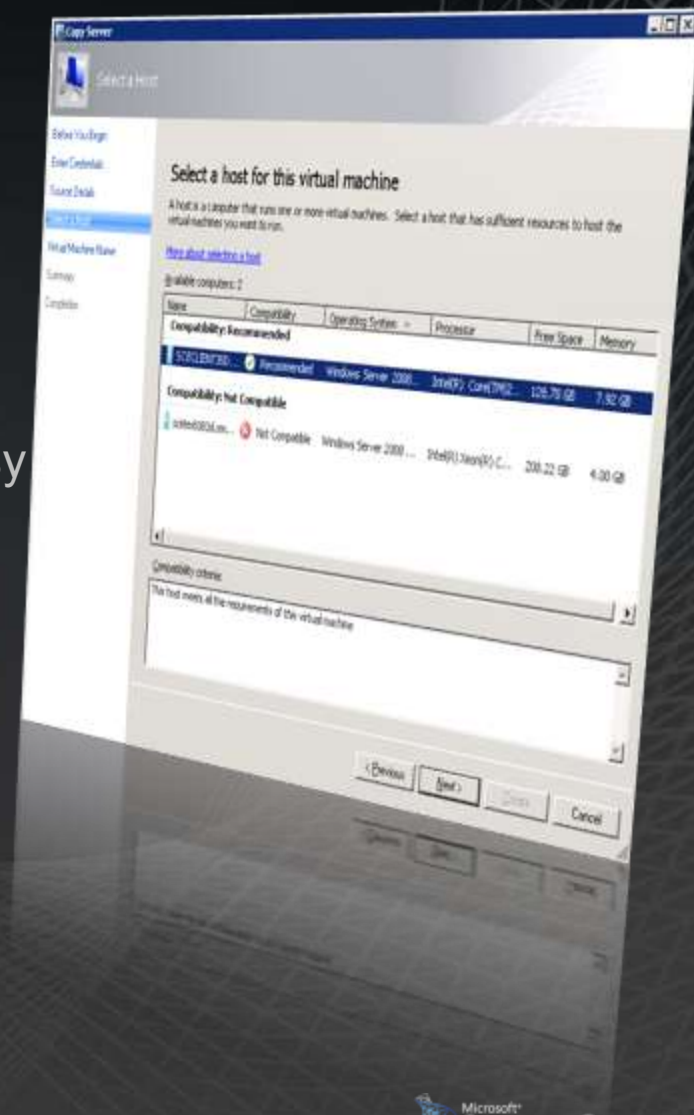
Intelligentní umísťování na HOST servery

Automaticky zjistí nejlepší HOST pro VM

Porovnává vlastnosti VM a konfiguraci HOST serveru

Kontroluje paměť, disk, síť, CPU

Doporučení pro snadnější rozhodování



Essentials 2010 - instalace

Snadná a rychlá instalace

Průvodce má 10 obrazovek

Interaktivní kontrola na požadovaný HW a SW

Kontextová nápověda, tipy a ověření

Instalace na 64-bit a 32-bit hardware

Pružná konfigurace SQL Serveru (remote vs. local)

Ve verzi 2010 je nové

Automatické vyřešení požadavků

Komponenty lze instalovat odděleně

Dynamické aktualizace během instalace

Instalovány jsou pouze Core Management packy

Migrace do Essentials 2010 z VMM WG & Essentials 2007





System Center Essentials

Instalace

Essentials 2010 - požadavky

- Operační paměť
 - Minimálně 4 GB pro Management Server
- Diskový prostor
 - Minimálně 150 GB místo pro datový disk virtualizační části
- Operační systém
 - Windows Server 2008 x64 Standard nebo Enterprise
- Databáze
 - SQL Server 2008 Service Pack 1 x86/x64. (Instalace na SQL Server 2005 již není možná)



Microsoft® System Center Essentials 2010

➔ [Install](#)

- ❗ Restart may be required
- ❗ [Before you begin](#)

Standalone components

These can be installed on a computer different from the one on which you install Essentials 2010 server.

- ➔ [Install Essentials console](#)
- ➔ [Install Essentials agent](#)
- ➔ [Install Essentials reporting](#)

- ☐ Get the latest updates to System Center Essentials 2010 during setup and use Microsoft Update when I check for updates (recommended)

[See the Microsoft Update FAQ](#)

[Read the Microsoft Privacy policy](#)



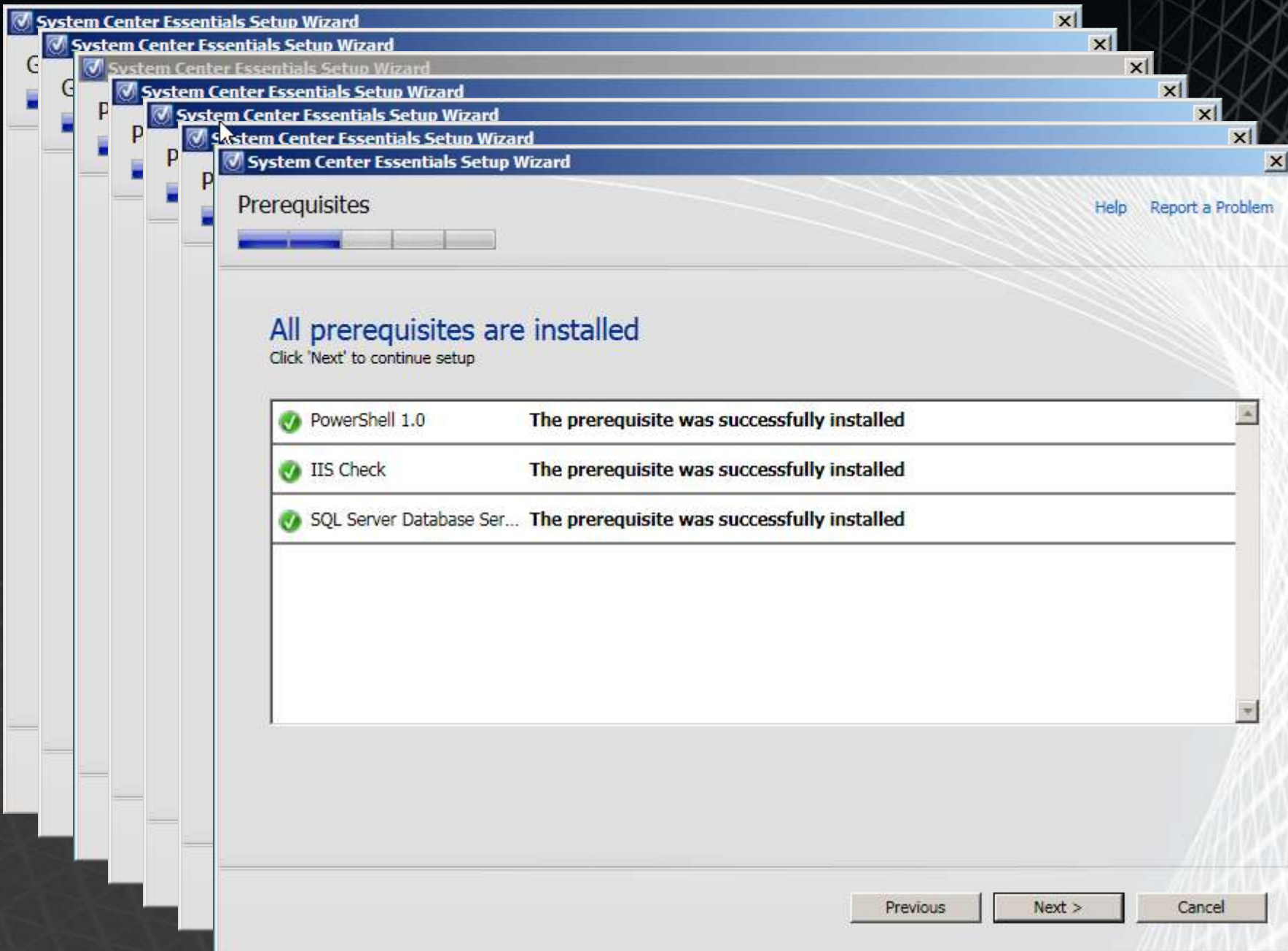
[Release Notes](#)

[Installation Guide](#)

[Read Documentation](#)

[Obtain Installation Assistance](#)

[System Center Online](#)



- System Center Essentials Setup Wizard
- System Center Essentials Setup Wizard
- System Center Essentials Setup Wizard
- System Center Essentials Setup Wizard
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- System Center Essentials Setup Wizard

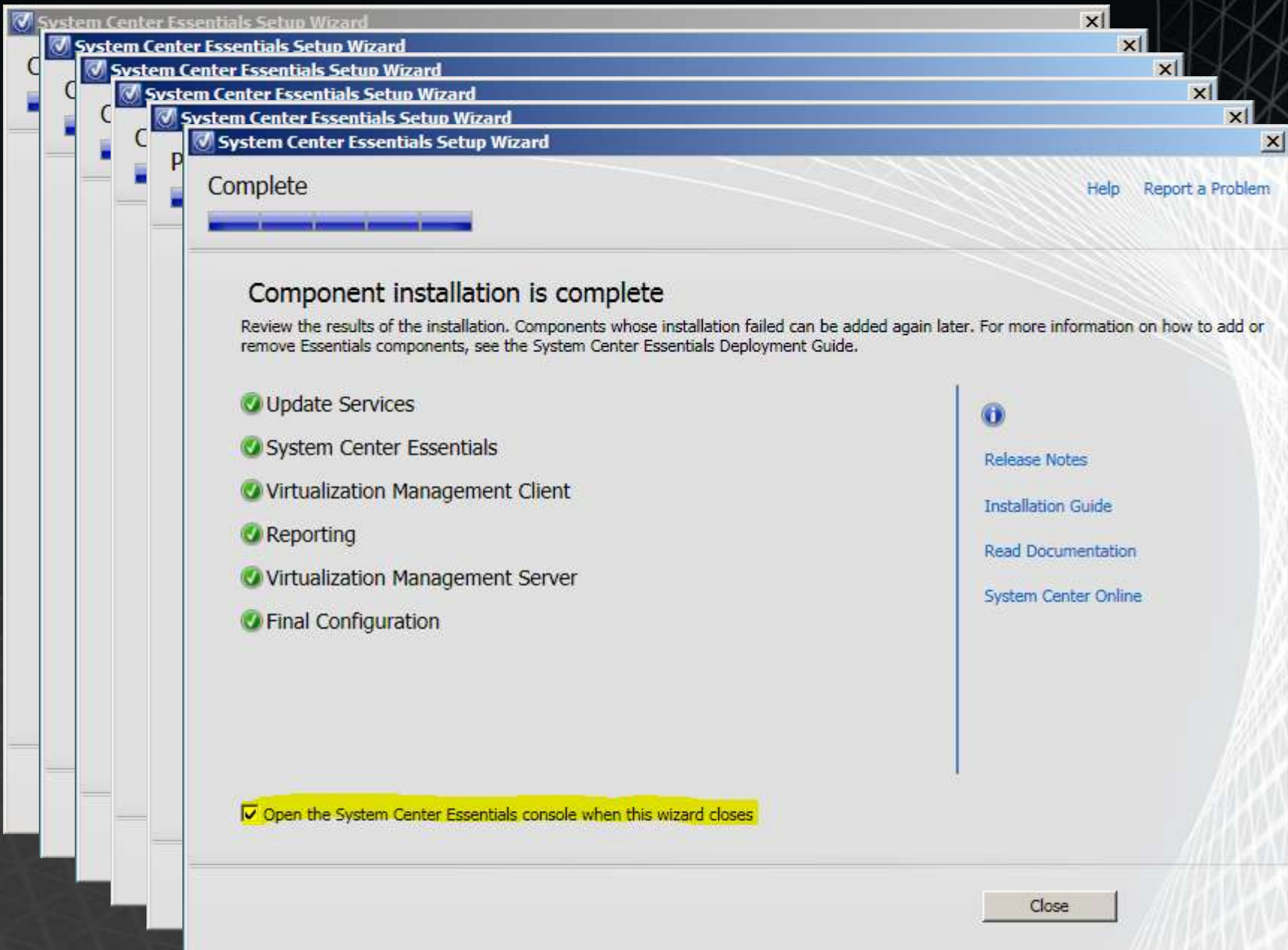
Prerequisites

[Help](#) [Report a Problem](#)

All prerequisites are installed

Click 'Next' to continue setup

✓ PowerShell 1.0	The prerequisite was successfully installed
✓ IIS Check	The prerequisite was successfully installed
✓ SQL Server Database Ser...	The prerequisite was successfully installed



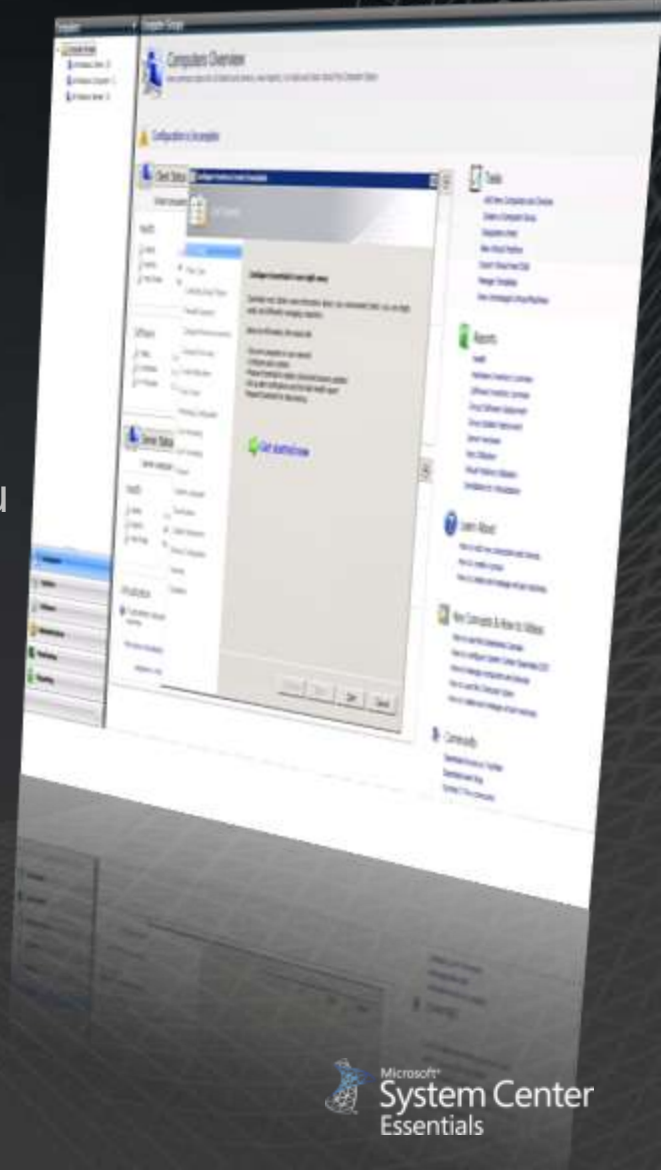


System Center Essentials

Konfigurace

Essentials 2010 - konfigurace

- Jednoduchá konfigurace, krok za krokem
 - Úvodní konfigurace pomocí průvodce
 - Konfigurace SCE 2010 serveru
 - Vyhledání počítačů a zařízení
 - Konfigurace WSUS
- Ve verzi 2010 je nové
 - Konfigurace součástí post-instalačního procesu
 - Rozšířená kritéria pro Scheduled Discovery
 - Kontrola konfliktů s AD Policy
 - Průvodce konfigurací dohledu
 - Doporučené nastavení dohledu
 - Automatický import a aktualizace management packů





Get Started

Get Started

Policy Type

Computer Discovery

E-mail Notifications

Proxy Server

Monitoring Configuration

Error Monitoring

Error Forwarding

Microsoft Updates

Update Languages

Update Classifications

Update Deployment

Summary

Completion



Policy Type

Get Started

Policy Type

Firewall Exceptions

Configure Remote Assistance

Computer Discovery

E-mail Notifications

Proxy Server

Monitoring Configuration

Error Monitoring

Error Forwarding

Microsoft Updates

Update Languages

Update Classifications

Update Deployment

Summary

Completion



Firewall Exceptions

Get Started

Policy Type

Firewall Exceptions

Configure Remote Assistance

Computer Discovery

E-mail Notifications

Proxy Server

Monitoring Configuration

Error Monitoring

Error Forwarding

Microsoft Updates

Update Languages

Update Classifications

Update Deployment

Summary

Completion

Do you want Essentials to create Windows Firewall exceptions?

Essentials can automatically configure the Windows Firewall on computers in your environment so that the Essentials management server can install agents on those computers and the agents can communicate with Essentials.

For computers that have other firewall products installed, either configure the firewall exceptions on those computers for the ports listed below, or manually install the Essentials agent on those computers.

☐ No, do not create Windows Firewall exceptions

 If you select this option, Essentials might not be able to locate, or install agents on the computers that are running Windows Firewall.

☒ Yes, create Windows Firewall exceptions (recommended)

Essentials will create Windows Firewall exceptions on all of the computers in your domain to allow the Essentials server to communicate with these computers on these ports:

Remote Administration: TCP 135
File and Print Sharing: TCP 139, 445
UDP 137, 138

 [More about Essentials agents](#)

< Previous

Next >

Configure

Cancel

Configure System Center Essentials

Configure

Get Started

Policy Type

Firewall Exceptions

Configure Remote Assistance

Computer Discovery

E-mail Notifications

Proxy Server

Monitoring Configuration

Error Monitoring

Error Forwarding

Microsoft Updates

Update Languages

Update Classifications

Update Deployment

Summary

Completion

Configure System Center Essentials

Comput

Get Started

Policy Type

Firewall Exceptions

Configure Remote Assistance

Computer Discovery

E-mail Notifications

Proxy Server

Monitoring Configuration

Error Monitoring

Error Forwarding

Microsoft Updates

Update Languages

Update Classifications

Update Deployment

Summary

Completion

Configure System Center Essentials

E-mail Notifications

Get Started

Policy Type

Firewall Exceptions

Configure Remote Assistance

Computer Discovery

E-mail Notifications

Proxy Server

Monitoring Configuration

Error Monitoring

Error Forwarding

Microsoft Updates

Update Languages

Update Classifications

Update Deployment

Summary

Completion

Do you want to receive the Daily Health Report?

Configure e-mail settings so if an issue occurs, Essentials can send you e-mail notifications. Also, Essentials can use these settings to send the Daily Health Report, a useful summary of the previous day's health information.

☐ No, I will setup notifications later

☒ Yes, I want to set up my e-mail notifications and enable Daily Health Report (recommended)

Please enter the e-mail address you would like notifications and Daily Health Report sent to, as well as the address you would like notifications to be sent from, and your SMTP server. To subscribe additional notifications, launch Notification Subscription in the Administration space.

To:

(Example: you@contoso.com)

From:

(Example: sender@contoso.com)

SMTP Server:

(Example: mail.contoso.com)

Port:

Authentication:

Send the Daily Health Report at:



Proxy Server

- Get Started
- Policy Type
- Firewall Exceptions
- Configure Remote Assistance
- Computer Discovery
- E-mail Notifications
- Proxy Server
- Monitoring Configuration
- Error Monitoring
- Error Forwarding
- Microsoft Updates
- Update Languages
- Update Classifications
- Update Deployment
- Summary
- Completion



Monitor

- Get Started
- Policy Type
- Firewall Exceptions
- Configure Remote Assistance
- Computer Discovery
- E-mail Notifications
- Proxy Server
- Monitoring Configuration
- Error Monitoring
- Error Forwarding
- Microsoft Updates
- Update Languages
- Update Classifications
- Update Deployment
- Summary
- Completion



Error Monitoring

- Get Started
- Policy Type
- Firewall Exceptions
- Configure Remote Assistance
- Computer Discovery
- E-mail Notifications
- Proxy Server
- Monitoring Configuration
- Error Monitoring
- Error Forwarding
- Microsoft Updates
- Update Languages
- Update Classifications
- Update Deployment
- Summary
- Completion

Do you want to collect application errors from computers?

When managed computers experience an application error, they can send error reports. You can view these reports to understand which applications are having problems in your environment.

- ☐ No, do not collect application errors
- ☒ Yes, collect application errors (recommended)

Error reporting upload location (Example: C:\ErrorData):

C:\ErrorData

The upload location must be on an NTFS partition with at least 2 GB of free disk space.

Specify the port number to use when managed computers submit errors:

Port number:

51906

< Previous

Next >

Configure

Cancel

Select the languages to synchronize:

If you are storing update files locally, you can filter the updates downloaded to your server by language. Choosing individual languages will affect which computers can be updated on this server and any downstream servers. For more information see: [Specify the update languages you want to synchronize.](#)

Do you want to download updates for only the locale of this server (English)?

- ☒ Yes (recommended)
- ☐ No, I will choose the languages I want to download from the list below

☐	All languages
☐	Arabic
☐	Bulgarian
☐	Croatian
☐	Czech
☐	Danish
☐	Dutch
☒	English
☐	Estonian
☐	Finnish
☐	French
☐	German
☐	Greek
☐	Hebrew
☐	Hindi

< Previous

Next >

Configure

Cancel



Update

Get Started

Policy Type

Firewall Exceptions

Configure Remote Assistance

Computer Discovery

E-mail Notifications

Proxy Server

Monitoring Configuration

Error Monitoring

Error Forwarding

Microsoft Updates

Update Languages

Update Classifications

Update Deployment

Summary

Completion



Update

Get Started

Policy Type

Firewall Exceptions

Configure Remote Assistance

Computer Discovery

E-mail Notifications

Proxy Server

Monitoring Configuration

Error Monitoring

Error Forwarding

Microsoft Updates

Update Languages

Update Classifications

Update Deployment

Summary

Completion



Summary

Get Started

Policy Type

Firewall Exceptions

Configure Remote Assistance

Computer Discovery

E-mail Notifications

Proxy Server

Monitoring Configuration

Error Monitoring

Error Forwarding

Microsoft Updates

Update Languages

Update Classifications

Update Deployment

Summary

Completion

Confirm the configuration

Settings

Policy Type	Domain-level Group Policy User Name: sceedmin Domain: SCE2010
Firewall Exceptions	Enabled TCP: 135, 139, 445 UDP: 137, 138
Configure Remote Assistance	Not Configured
Computer Discovery	Not Configured
E-mail Notifications	Send notifications to sceedmin@sce2010.cz Send Daily Health Report at 6:15
Proxy Server	Not Configured

Monitoring

Management Pack Discovery	Automatic discovery enabled Do not notify me for applications I have rejected
Management Packs to download	Windows Server 2008 Active Directory 2008 Windows Server Update Services (Required)

< Previous

Next >

Configure

Cancel



System Center Essentials 2010 DEMO

Správa počítačů

System Center Essentials - SCE2010B1_MG

File Edit View Go Tasks Tools Help

Computers

Computer Groups

All Windows Clients (0)

All Windows Computers (1)

All Windows Servers (1)

All Virtual Machines

Computers

Monitoring

Updates

Software

Reporting

Administration

Authoring

Ready

Computer Groups

System Center Essentials evaluation has 162 days left before it expires. Click here to upgrade...

Computers Overview

View the summary status for all servers and client computers, view reports, run tasks, and learn about the Computers workspace.

Client Status

0 client computers

Health

Alerts: 0 computers have error alerts

Agents: All agents are in healthy state

Hard Disks: No disks above 75% full

Updates

Failed: 0 computers with failed installations

Completed: 0 computers with successful installations

In Progress: 0 computers with in-progress installations

Go to Updates Overview Page

Software

Failed: 0 computers with failed installations

Completed: 0 computers with successful installations

In Progress: 0 computers with in-progress installations

Go to Software Overview Page

Server Status

1 server computers

Health

Alerts: 1 computers have error alerts

Agents: All agents are in healthy state

Hard Disks: No disks above 75% full

Updates

Failed: 0 computers with failed installations

Completed: 0 computers with successful installations

In Progress: 0 computers with in-progress installations

Go to Updates Overview Page

Tasks

Add New Computers and Devices

Create a Computer Group

Designate a Host

New Virtual Machine

Import Virtual Hard Disk

Reports

Health

Hardware Inventory Summary

Software Inventory Summary

Group Software Deployment

Group Update Deployment

Host Utilization

Virtual Machine Utilization

Virtualization Candidates

Learn About

How to add new computers and devices

How to create a group

How to create and manage virtual machines

Virtualizing the Server Environment

Video Assistance

Watch online videos

Community

Essentials forums on TechNet

Essentials team blog

TechNet IT Pro community



System Center Essentials 2010 DEMO

Dohled počítačů

System Center Essentials - SCE2010B1_MG

File Edit View Go Tasks Tools Help

Show Connected Alerts Show at least 1 week of data Overrides

Monitoring

Monitoring

Active Alerts

Discovered Inventory

Distributed Applications

Task Status

Windows Computers

Agentless Exception Monitoring

Automatic Product Category Selection

Data Warehouse

Microsoft Audit Collection Services

Microsoft SQL Server

Microsoft Windows Active Directory

Microsoft Windows Internet Information Services

Microsoft Windows Server

Network Device

Operations Manager

Ping Monitor

Synthetic Transaction

Virtual Machine Manager 2008 R2

Virtual Machine Manager 2008 R2 Views

Web Application

Windows Service And Process Monitoring

Computers

Monitoring

Updates

Software

Reporting

Administration

Authoring

Active Alerts (3)

Look for: Find Now Clear X

Source	Name	Resolution State	Created	Age
Severity: Critical (1)				
SCE2010B1.SCE2010.local	OleDB: Results Error	New	13.10.2009 0:54:18	6 Days
Severity: Warning (2)				
SCE2010B1	The AD General Response is above the configur...	New	19.10.2009 3:37:41	31 Mins
SCE2010B1.SCE2010.local	Script or Executable Failed to run	New	1.10.2009 2:35:27	18 Days

Alert Details

OleDB: Results Error

Source: SCE2010B1.SCE2010.local

Path: SCE2010B1.SCE2010.local\SCE2010B1.SCE2010.local

Alert Rule: OleDbProbe: Results Error

Created: 13.10.2009 0:54:18

Knowledge:

Alert Description

OleDb Module encountered a failure 0x80004005 during execution and will post it as output data item. Unspecified error : Timeout expired

Workflow name: Microsoft.SystemCenter.SqlBrokerAvailabilityMonitor

Instance name: SCE2010B1.SCE2010.local

Instance ID: {BA0EB9C0-62D8-AAF2-DB2F-0B0483EC91BE}

Management group: SCE2010B1_MG

View additional knowledge...

Tasks

Alert Actions

View or edit the settings of this alert

Close Alert

Properties

Health Explorer

Start Maintenance Mode...

Edit Maintenance Mode Settings...

Stop Maintenance Mode

Overrides

Personalize view...

Subscription

Create...

Modify...

Health Service Tasks

Computer Management

Disable Audit Collection

Enable Audit Collection

Essentials Security Group Synchronizer

Flush Health Service State and Configuration

Check Health Service Startup Configuration

Microsoft.SystemCenter.Essentials

Ping Computer

Ping Computer (with Route)

Ping Computer Continuously (ping)

Ping Computer Diagnostic Task

Re-index Update Services Database

Reinstall Health Service Recovery

Reload Configuration

Ready



System Center Essentials 2010 DEMO

Správa aktualizací

Updates

- Updates
 - All Updates (728)
 - Critical Updates (102)
 - Needed Updates (0)
 - SCE Required Updates (4)
 - Security Updates (583)
 - Unapproved Updates (724)

Updates



Updates Overview

Download, view, approve, and deploy the software updates that are required by managed computers.



New Updates

Downloads since: 10/06/2009

Clients

683 New Updates Available

Failed:	0
Successful:	0
Pending:	0
Not Applicable:	0
Unknown:	683

Servers

683 New Updates Available

Failed:	0
Successful:	0
Pending:	0
Not Applicable:	257
Unknown:	426



Updates Status

Critical and Security

Total on server: 641 updates

Failed:	0
Successful:	0
Pending:	0
Not Applicable:	241
Unknown:	400

All Updates

Total on server: 683 updates

Failed:	0
Successful:	0
Pending:	0
Not Applicable:	257
Unknown:	426

Synchronization Status

Last Synchronization: **Canceled**
 Update Synchronization runs manually
 Cancel synchronization (23%)
[Configure update management settings](#)

Download Status

Updates needing files: 0



Tasks

- [View unapproved updates](#)
- [Create new update](#)
- [Configure Microsoft Update settings](#)
- [Import from Microsoft Update catalog](#)
- [Import updates from partner catalogs](#)
- [Configure Auto-Approvals](#)
- [Configure Windows Server Update Services Maintenance](#)



Reports

- [Group Update Deployment Status](#)
- [Microsoft Critical and Security Updates Status](#)



Learn About

- [Update management](#)
- [How to configure update management](#)
- [How to deploy an update](#)
- [How to uninstall an update](#)
- [How to view synchronization status](#)
- [How to view the status of a deployment](#)



Video Assistance

- [How to use the Updates space](#)
- [How to deploy third party updates](#)



Community

- [Essentials forums on TechNet](#)
- [Essentials team blog](#)
- [TechNet IT Pro community](#)

- Computers
- Monitoring
- Updates**
- Software
- Reporting
- Administration
- Authoring



System Center Essentials 2010 DEMO

Administrative

Administration

- Administration
 - Device Management
 - Agent Managed
 - Network Devices
 - Pending Management
 - Settings
 - Security
 - Run As Accounts
 - Run As Profiles
 - Management Packs
 - Notifications
 - Channels
 - Subscribers
 - Subscriptions

- Computers
- Monitoring
- Updates
- Software
- Reporting
- Administration
- Authoring

Administration



Administration Overview

Manage Essentials settings in the Administration Space.

Computer and Devices

0 Agent Managed Computers
0 Network Devices
0 Computers discovered in last 24 hours
[Search for new computers and devices not scheduled](#)
[Add new computers and devices](#)

Configuration

Policy Mode: **Domain**
Agentless Exception Monitoring: **Enabled**
Daily Health Report: **Disabled**
Proxy Server: **Not configured**

Monitoring Configuration

Management Packs discover and monitor applications or devices.
3 recommended management packs available
Checking for updated management packs ...
Recommended Management Pack scan Enabled
[Import management packs](#)
[View all management packs](#)

Essentials License Count

Client: 0 licenses in use
Server: 0 licenses in use

Microsoft Updates

Last Synchronization: Successful
[Update Synchronization runs manually](#)
[Synchronize Now](#)
[Configure update management settings](#)



Tasks

[Remove or repair management agents](#)



Learn About

[How to Add Computers and Devices](#)
[Security](#)
[Management Packs](#)
[Settings](#)



Video Assistance

[The Administration Space](#)
[Adding Computers and Devices to Management](#)
[Import Management Packs](#)



System Center Essentials 2010 DEMO

Authoring

System Center Essentials - SCE2010B1_MG

File Edit View Go Tasks Tools Help

Authoring

Authoring

Management Pack Templates

- OLE DB Data Source
- Ping Monitor
- Process Monitoring
- TCP Port
- Web Application
- Windows Service

Distributed Applications

Groups

Management Pack Objects

- Attributes
- Monitors
- Object Discoveries
- Overrides
- Rules
- Service Level Tracking
- Tasks
- Views

Add Monitoring Wizard...
New Distributed Application...
New Group...

Computers

Monitoring

Updates

Software

Reporting

Administration

Authoring

Authoring Overview

Management Pack Templates:

Add monitoring to management packs by using pre-defined management pack templates.
Examples: "Website URL" or "NT Service"
[Go to management pack templates](#)

Distributed Applications:

Describe specific relationships and dependencies for an application that spans multiple managed objects.
Examples: "My Supply Chain" or "My E-mail Solution"
[Go to distributed applications](#)

Groups:

Create groups to organize monitored objects into logical groups.
Examples: "My Web Servers" or "All Database Servers"
[Go to groups](#)

Management Pack Objects:

Configure management pack objects, which consist of rules, service levels, monitors, tasks and views.
[Go to management pack objects](#)

Actions:

Use a template to add monitoring to management packs
Describe and monitor a new distributed application
Create a new group

Key Concepts & Videos:

The Authoring Space
What's New for Operations Manager 2005 Authors
Management Pack Concepts
Management Pack Templates
Distributed Applications
Building Management Packs

Learn About:

Management Pack Templates
Distributed Applications
Management Packs
Groups

Online Resources:

Microsoft System Center Online
Microsoft System Center Community
Report an Issue or Suggestion to Microsoft

Ready



System Center Essentials 2010 DEMO

Reporting



System Center Essentials

vs. System Center produkty

Essentials 2010 vs. SCOM 2007 R2

Vlastnost	OpsMgr 2007	Essentials 2010*	Essentials 2010 rozdíly
Monitoring of Windows Servers, Clients, Hardware, Software and Services	√	√	Essentials ships with a Network device management pack
Management Packs with Expert Knowledge	√	√	
Agentless Exception Monitoring (AEM)	√	√	
Add Monitoring Wizard	√	√	
Reporting	√	√	Essentials data storage limited to 40 days. No report authoring
Branch office monitoring	√	√	Essentials 2010 is a single server solution; no tiered connection of servers
Role-based security	√		Local or domain admin only for Essentials 2010 server
Connector Framework	√		
Audit Collection Services	√		
Web Console	√		
Cross-platform support	√		

Essentials 2010 vs. SCCM 2007

Vlastnosti	ConfigMgr 2007	Essentials 2010*	Essentials 2007 rozdíl
Patch Mgmt (Microsoft and Third party)	✓	✓	
Software Distribution	✓	✓	Essentials offers basic .MSI and .EXE deployment with optional command line parameters. No advanced packaging capability.
Hardware and Software Inventory	✓	✓	Essentials collects 60+ fixed software and hardware attributes. Configuration Manager 2007 inventory is extensible
Branch office updates and software dist.	✓	✓	Essentials is a single server solution using BITS 2.0 (bandwidth aware). No site replication servers
Operating System Deployment	✓		
Desired Configuration management	✓		
Wake on LAN	✓		
Network Address Protection (NAP) integration	✓		

Essentials 2010 vs. Hyper-V & VMM

Konfigurace	Hyper-V konzole	SC Essentials 2010	SC VMM
Templates		√	√
VM Cloning		√	√
Candidate Identification		√	√
Physical to Virtual Conversion		√	√
Virtual to Virtual Conversion		√	√
Migration across physical machines		√	√
Virtualization Reports		√	√
Monitoring VMs		√	√
Physical resource optimization (PRO)		√	√
Library		√	√
Provisioning	√	√	√
VM configuration & properties	√	√	√
VM state	√	√	√
Checkpoints (Snapshots)	√	√	√
64 bit guest OS	√	√	√
Hardware Assisted Virtualization	√	√	√
Live thumbnail	√	√	√
Synthetic Network Support	√	√	√
Import VM (multiple VHD + snapshot)	√		√
Configure advanced network settings	√		√
Inspect Disk	√		√
Export VM	√		
VMWare Management			√
Self-service console			√

Dynamická správa IT

- Use knowledge-based, automated in-line tasks to deliver rapid, high quality service
- Maximize the use of the IT department's existing Windows Server expertise



Time to Value

Desktop to Data Center

- Improve visibility and control through integrated management
- Manage multi-hypervisor technologies and monitor cross-platform environments



- Reduce complexity through seamless management of logical IT environments
- Manage your virtual environments down to the application level

Physical and Virtual

Knowledge Driven



- Out of the box, build on deep domain knowledge from both Microsoft and our strong partner community
- Implement templated best practices through Solution Accelerators



Microsoft®

System Center

Další informace?

Beta dostupná na <http://www.microsoft.com/sce>

Tech Center (dokumentace a download):

<http://technet.microsoft.com/sce/default.aspx>

Microsoft Virtualization Homepage

<http://www.microsoft.com/virtualization>

Microsoft System Center Homepage

<http://www.microsoft.com/systemcenter/>

Self Help Resources

TechNet <http://www.microsoft.com/technet/sce/selfhelp.mspx>

Product Blog: <http://blogs.technet.com/systemcenteressentials>

IT management blog (CZ) – informace česky

<http://pavelrepa.spaces.live.com/>

Děkuji za pozornost



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