

# Kurs-Dokumentation



**Zentrum für Informatik ZFI AG**

## **Microsoft System Center Essentials 2010 (SCE) (BSCE-0212) -IT Ausbildung nach Mass**

<http://www.zfi.ch/BSCE-0212>

Weitere Infos finden Sie unter [www.zfi.ch](http://www.zfi.ch) oder via Adresse:

**Zentrum für Informatik ZFI AG  
Zentralsekretariat  
Technoparkstrasse 1  
CH-8005 Zürich  
Telefon: 044 732 40 00  
Telefax: 044 732 40 09**

**Zürich, Basel, Bern, Zürich, Schweiz**

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|------------------------|---|
| <b>Titel</b>           | <b>Microsoft System Center Essentials 2010 (SCE)</b>  |
| <b>Untertitel</b>      | <b>das Infrastruktur-Management-System für mittlere Unternehmen</b>   |
| <b>Einleitung</b>      | Die vereinheitlichte Verwaltungslösung Microsoft System Center Essentials 2010 ist Microsofts kostengünstige All-In-One-Lösung für die proaktive und effizientere Verwaltung von mittelständischen IT-Umgebungen. Sie enthält etablierte Komponenten der System Center-Familie wie z.B. den Operation Manager oder die Windows Server Update Services (WSUS). Dieser ZFI/Microsoft-Kurs unterstützt Sie bei der Einführung und dem Betrieb von System Center Essentials 2010 in Ihrem Unternehmen. Anhand praxisbezogener Beispiele und hilfreicher Tipps und Tricks erleichtert es Ihnen den Einstieg in das Systems-Management. Neben Installation und Konfiguration werden auch Softwareverteilung und -updates, Systemüberwachung, Reporting und Inventarisierung sowie Datensicherung und Troubleshooting behandelt. Die wesentlichen Features von System Center Essentials sind: Einheitliche Umgebung: System Center Essentials 2010 ermöglicht die Verwaltung von Servern, Clients, Hardware, Software und IT-Diensten über ein und dieselbe Konsole. Proaktive Verwaltung: System Center Essentials 2010 ermöglicht eine schnellere Problemlösung sowie die Automatisierung von systemaktualisierungen und Datenerfassung. Gesteigerte Effizienz: System Center Essentials 2010 lässt sich mühelos bereitstellen und warten, vereinfacht komplexe Verwaltungsaufgaben und steigert die IT-Effizienz. |
| <b>Ihr Nutzen</b>      | After completing this course, students will be able to: <ul style="list-style-type: none"> <li>- Deploy System Center Essentials 2010 in a live environment.</li> <li>- Perform the initial configuration tasks required for full product functionality.</li> <li>- Configure and use the update management feature in Essentials to manage update deployment to client and server computers.</li> <li>- Use the software deployment feature to deploy and upgrade Windows applications, such as MS Office 2007/2010.</li> <li>- Manage and configure virtualization hosts using the virtualization management feature in Essentials 2010.</li> <li>- Configure and tune application, server, client and network monitoring.</li> <li>- Modify and optimize Essentials 2010 configuration settings as needs change.</li> </ul>  |
| <b>Voraussetzungen</b> | Before attending this course, students must have: <ul style="list-style-type: none"> <li>- Completion of Course 6430A (ZFI-Code WS8Y), Managing and Maintaining Windows Server 2008 Servers, or have equivalent knowledge of administrative tasks.</li> </ul>   |
| <b>Teilnehmerkreis</b> | This course is intended for IT professionals working with or planning to use System Center Essentials 2010.   |
| <b>Unterlagen</b>      |   |
| <b>Folgekurse</b>      |   |
| <b>Inhalt</b>          | - Installing Essentials 2010<br>Understand features, functionality and architecture of System Center Essentials 2010<br>Learn the prerequisites, hardware and software requirements for Essentials 2010<br>installation<br>Discuss Essentials upgrade and installation options, as well as common installation issues   |

**Configuring Essentials** Understand how to perform initial product configuration tasks with the Configure Essentials Wizard Learn how to perform additional configuration tasks, such as: adding managed virtualization hosts; importing management packs; configuring alert notification Discuss how to troubleshoot common configuration problems

**Managing Computers** Understand how to create and manage computer groups Discuss how to access hardware and software inventory data Explain the virtualization management tasks available in the Essentials console Review the tasks and reports available in the Computers space

**Managing Updates** Understand the importance of managing updates and characteristics of a good update management plan Learn how update management in Essentials 2010 can facilitate proactive and automated update management Understand how to work with update management in Essentials 2010 and troubleshoot common issues with as update management

**Deploying Software** Understand how to install and uninstall software using Essentials 2010 Learn about the supported features, installation options and installer formats Understand how to monitor deployment results and troubleshoot common issues

**Monitoring Concepts** Learn about management pack components and architecture Explain how to target monitoring according to Microsoft best practices Understand how to tune monitoring using overrides Learn about the Client Network Device Monitoring in Essentials 2010

**Reporting** Understand Essentials 2010 reporting architecture, features and limitations Learn about reports available in management packs for Essentials 2010 Learn how to produce reports in the Essentials console Understand how database maintenance, grooming and backups are handled by Essentials

**Virtualization Management** Learn about the capabilities of the virtualization management in Essentials 2010 How to add and manage virtualization hosts for management with Essentials 2010 Understand the function and importance of Integration Services for virtual machine guests

**Virtual Machine Templates and Provisioning** Understand the virtual machine provisioning and conversion options in Essentials 2010 Learn how to create and manage virtual machine templates with Essentials 2010 Understand the virtual network configuration options available in Essentials 2010 Learn how to perform a virtual machine migration (V2V) to convert VMware guests to the Hyper-v platform

**Advanced Monitoring and Management Pack Authoring** Understand advanced monitoring features in Essentials 2010, including,

**Self-tuningThresholds, Synthetic Transaction and Distributed Application Monitoring**Learn about management pack authoring concepts and methodology using the Essentials 2010 console

**Advanced Troubleshooting and Log Analysis**Understand how to identify and troubleshoot common issues in Essentials setup and configurationBecome familiar with log files and tools for troubleshooting client and server side issuesLearn how to perform detail error data collection and analysis for Essentials 2010

**Essentials Internals**Understand how Essentials 2010 integrates with the some of the foundational technologies upon which it is basedUnderstand how prepare to recover an Essentials 2010 infrastructure after infrastructure or disasterLearn how WSUS Certificates are leveraged in Essentials publishing and deployment processesLearn about Essentials 2010 management pack rules in which important background tasks are implemented

**Beitrag**

Der Teilnehmerbeitrag versteht sich rein netto. Das ZFI ist (gemäss MwSt-Gesetz) nicht Mehrwertsteuerpflichtig und erhebt somit keine MwSt. Bei länger als einen Monat dauernden Lehrgängen ist die Zahlung des Teilnehmerbeitrages in mehreren Raten möglich (pro rata temporis).

# Bildungsweg Microsoft Server 2008

## Microsoft Windows Server 2008

