

# Kurs-Dokumentation



## Zentrum für Informatik ZFI AG

# Deploying, Configuring and Administering a Microsoft Lync Server 2010 (BOLA-0212) -IT Ausbildung nach Mass

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

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

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<b>Titel</b>	<b>Deploying, Configuring and Administering a Microsoft Lync Server 2010</b>
<b>Untertitel</b>	<b>Einführung in die VoIP-Telefonzentrale von Microsoft</b>
<b>Einleitung</b>	<p>Microsoft Lync 2010 bietet einen einfachen und attraktiven Zugriff auf diverse Kommunikationstools über eine einzige vereinfachte Schnittstelle. Benutzer können von beliebigen Standorten mit einer Internetverbindung mit anderen in Verbindung bleiben und zusammenarbeiten. Dieser ZFI/Microsoft-Kurs zeigt IT-Profis, wie eine Lync-Server-2010-Lösung effizient und richtig erstellt, konfiguriert und betrieben wird. Das Schwergewicht des Kurses liegt dabei auf den Enterprise Voice Features, also auf der Telefonie. Der Kurs wird durch einen erfahrenen Lync-Spezialisten geleitet. Viele praktische Demos und Übungen begleiten den Kurs. Der Kurs bereitet auf das Examen 70-664 vor und somit auf die Zertifizierung zum MCTS Microsoft Lync Server 2010, Configuring.</p>
<b>Ihr Nutzen</b>	<p>After completing this course, students will be able to:</p> <ul style="list-style-type: none"> <li>- Describe how the features and architecture of Microsoft Lync Server 2010 enable real time communication and collaboration</li> <li>- Deploy Lync Server 2010</li> <li>- Configure users and rights using Role Based Access Control (RBAC)</li> <li>- Deploy and manage Lync 2010 clients</li> <li>- Configure and manage external user access using the Edge server role</li> <li>- Deploy basic Enterprise Voice functionality</li> <li>- Extend Enterprise Voice functionality to include Trunk options, call park orbit, and the unassigned number feature</li> <li>- Integrate Microsoft Exchange Server 2010 Service Pack 1 (SP1) Unified Messaging (UM) with Lync Server 2010</li> <li>- Configure the Response Group Service, including agent groups, queues, and workflows</li> <li>- Configure and manage conferencing</li> <li>- Configure and use archiving and monitoring</li> <li>- Perform back up and restore of Lync Server 2010 critical data</li> <li>- Improve bandwidth management using Call Admission Control (CAC)</li> <li>- Configure and deploy Enhanced 9-1-1</li> <li>- Configure a Survivable Branch Server for a branch office</li> </ul>
<b>Voraussetzungen</b>	<p>In addition to their professional experience, students who attend this training should have an understanding of the following telecommunications concepts:</p> <ul style="list-style-type: none"> <li>- The difference between TDM and VoIP</li> <li>- Gateways and PBX</li> <li>- Session Initiation Protocol (SIP)</li> <li>- Codecs</li> <li>- Dialing plans</li> </ul> <p>Students should also understand the following general concepts:</p> <ul style="list-style-type: none"> <li>- Networking fundamentals, including TCP/IP/UDP, DNS</li> <li>- Active Directory principles and management</li> <li>- Windows Server 2008 fundamentals</li> <li>- Public Key Infrastructure (PKI)</li> <li>- Exchange Messaging concepts</li> <li>- PowerShell basics</li> <li>- SQL Server concepts and operation</li> </ul>

Teilnehmerkreis	<p>This course is intended for IT professionals and telecommunications professionals who want to learn how to install, configure, manage and maintain a Microsoft Lync Server 2010 environment. These professionals should have at least 3 years? experience working with unified communications software, including knowledge of and experience with Microsoft Office Communications Server 2007 R2.</p>
Unterlagen Folgekurse	Original Microsoft Kursunterlagen
Inhalt	<p>- Features and Architecture of Microsoft Lync Server 2010 Features of Lync Server 2010 Architecture and Server Roles New Management Tools</p> <p>Deploying Microsoft Lync Server 2010 Preparing for Deployment Reviewing the Design Process Deploying Lync Server 2010</p> <p>Configuring Users and Rights in Microsoft Lync Server 2010 Managing Lync Server 2010 Role-Based Access Control</p> <p>Client and Device Deployment and Management Preparing for Client Deployment Deploying and Managing Lync 2010 Clients Preparing for Device Deployment Deploying and Managing IP Phones</p> <p>External User Access Edge Server Role Topologies for External User Access Preparing for External User Access Edge Server Deployment Process</p> <p>Configuring Basic Enterprise Voice Functionality Features of Lync Server 2010 Enterprise Voice Preparing for Enterprise Voice Deploying Enterprise Voice</p> <p>Extending Enterprise Voice Functionality Configuring Enterprise Voice Introducing Call Park Introducing the Announcement Service</p> <p>Microsoft Exchange Server 2010 SP1 Unified Messaging (UM) Integration Overview of Exchange Server 2010 SP1 Unified Messaging Prerequisites for Integrating Exchange Server 2010 SP1 UM with Lync Server 2010 Integrating Exchange Server 2010 SP1 UM with Lync Server 2010</p> <p>Implementing Response Groups Overview of the Response Group Service and its Application Response Group Service Components Response Group Service Management Tools</p> <p>Conferencing in Microsoft Lync Server 2010 Introduction to Conferencing in Lync Server 2010 Dial-In Conferencing in Lync Server 2010 Managing and Administering Conferencing Policies</p> <p>Monitoring and Archiving Describing the Archiving Service Describing the Monitoring Service Configuring Archiving and Monitoring</p> <p>High Availability and Disaster Recovery in Microsoft Lync Server 2010 High Availability Options Tools for Backing Up and Restoring Lync</p>

**Server 2010 Critical Lync Server Data to Export and Import Critical Lync Server 2010 Data to Export and Import**

**Call Admission Control Overview of Call Admission Control Implementing Call Admission Control**

**Deploying and Configuring Enhanced 9-1-1 Overview of E9-1-1 Deploying and Configuring E9-1-1**

**Voice Resiliency Features of Lync Server 2010 Voice Resiliency in Lync Server 2010 Features Available During Various Outage Scenarios**

**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

