

Lync Server 2010: Advanced Core Workshop

Deep dive to understand the Core capabilities of Lync Server 2010 and learn how to get the best value from your platform.

After completing this course, you will be able to:

- Understand the protocols used in Lync,
- Understand how to implement presence and instant messaging,
- Plan, deploy, configure and troubleshoot archiving for Lync,
- Understand the architecture of conferencing,
- Identify the management and operation procedures for Lync Server,
- Understand the features of the EDGE server and the network

Overview

The Advanced Lync Server 2010 Core workshop is a four day workshop that provides attendees with the deep knowledge and understanding of the core capabilities of Lync Server 2010, like a deep dive in the different protocols used, Instant Messaging, Archiving, Presence, Conferencing, RBAC or the EDGE role. Through presentations, white-board discussions, and goal-based labs, this training covers the individual core technologies as well as troubleshooting and operational areas. Each group of modules is designed to provide participants with in-depth expertise, tools and hands-on experience to help to ensure your business productivity needs are met with high performance, high efficiency, and high availability of your infrastructure.

TARGET AUDIENCE:

This course is an advanced course for Lync Server 2010 and is only targeted for senior IT staff who have designed, deployed, administered and managed a Lync Server 2010 core infrastructure or an Office Communication Server (OCS 2007) infrastructure for at least one full year. The basic concepts and know-how of the product will not be covered in this course, and attendees will be assumed to already possess that knowledge. For attendees who are new to the product, they should look into attending "Deploying Lync Server 2010 workshop" which will be more targeted towards their learning objectives.



TOPICS NOT COVERED:

This course only focuses on inner-workings of the Core Components of Lync Server 2010. The Voice components are not covered here but in a separate workshop called "Lync Server 2010: Advanced Voice Workshop".

Content

Module 1: Protocols in depth. This module provides a deep dive in the various protocol used in Lync, like SIP, SDP, PSOM, C3P and RTP.

Module 2: Presence and Instant Messaging. In this module, the participants will learn about these two components of Lync. They will also learn about the configuration, the file transfers and get a global view of the protocol used.

Module 3: Archiving. This module explains how to configure and deploy the archiving for Lync.

Module 4: Conferencing. In this module, the architecture of the conferencing and planned conferences features is explored. It details additionally all the management parts as much as the dial-in and file transfer functions.

Module 5: Administration. This module explains how to manage RBAC, the Users the Clients and the Address Book.

Module 6: EDGE Servers. This module is an internal exploration of the EDGE server role. It explains the External User Access, the Federation, The Public IM connectivity (PIC), the firewall specificities and the global protocols (ICE, STUN ...).

Module 7: Network. Various network aspects will be described in this module, like Network Flows, DNS Load Balancing and Hardware Load Balancing.

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