Microsoft

WorkshopPLUS: Bring-Your-Own-Device with Microsoft Exchange ActiveSync

Overview

This course introduces to Microsoft Exchange ActiveSync, used on a broad range of Mobile Devices. The workshop is focused on troubleshooting the Bring Your Own Device strategy and participants will gain experience on how Android, IOs and Windows Phone communicate with Exchange Server 2013. It includes troubleshooting techniques used by Microsoft Support for mailboxes which are hosted on-permises or within Office365.

It consist of extensive hands on labs, covering ActiveSync architecture and troubleshooting various mobile device issues. The workshop instructor will integrate lessons from field experience and Microsoft's support best practices.

This 3-day workshop contains Level 300 content.

Target Audience:

IT Professionals and consultants implementing or supporting Exchange Server 2013.

Prerequisites:

Attendees should be experienced users of Exchange Server 2013.

Content Level:

This workshop will provide participants with the necessary knowledge to understand and troubleshoot Exchange ActiceSync mobile device access to Exchange Server 2013

Key Features and Benefits
- The course provides technical understanding of the Exchange ActiveSync protocol and architecture.
- The course will provide the top Exchange ActiveSync support topics and shows how to effectively troubleshoot those problems.
- It explains sizing strategies for enabling mobile device access for Exchange users

Technical Highlights
After completing this course, you will be able to:
- Understand the risks and benefits of Bring-Your-Own-Device strategy
- Explain the Exchange ActiveSync architecture
- Perform ActiveSync troubleshooting on-premises and in Office365
- Understand sizing for mobile device access

Syllabus

This workshop runs for 3 full days. Students should anticipate consistent start and end times for each day. Early departure on any day is not recommended.

This course consists of 6 modules covering the topics below.

Bring Your Own Device – BYOD Introduction:
Provides an overview of Exchange AcitveSync and explains the importance of BYOD

Architecture: Explains the Architecture of the protocol and its underlying connectivity model; proxying and redirection to legacy versions of Exchange. It also covers alternative ways to access mailbox data from a mobile device.

Device Management: This module covers the various ways to manage mobile devices: EAS & ABQ Policies, Remote Wipe and SCCM / Intune.

Troubleshooting: This module explains on-premises and O365 troubleshooting techniques, tools and reports.

Sizing: Provides information on data collection and analysis, which allows effective sizing for mobile device access.

General: This module gives important information, which helps to securely publish Exchange ActiveSync, setting up emulators and where to find the latest support information.

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