Macrosoft

Vzdelávanie s trvalým efektom

DOCUMENT

Course syllabus

CATEGORY

Windows Server, Linux courses

TRAINING FORMAT

In Bratislava or online with a lecturer

PRICE EXCL. VAT

256,00 €

PRICE INCL. VAT

314,88 €

including 23 % VAT

Macrosoft školiace centrum
Aktuálne informácie na Macrosoft.sk

PDF SYLLABUS

Active Directory Security Mechanisms

Clear overview of course topics, training scope and key information.

Are you an Active Directory administrator? Do you want to improve your security strategy so that it is resistant to current types of attacks? In the extended course on advanced AD security mechanisms, we will introduce new options that can improve the security of AD infrastructure for small and medium-sized enterprises.

COURSE CONTENT

01 **Windows Server Security Mechanisms - Repetition**

GPO - options, where to draw ideas from Windows Firewall (and its pitfalls when using antimalware products with a similar function) Windows Defender and other antimalware tools

02 **AD Resuscitation**

Important places in the domain that need to be checked and monitored

03 **Secure DNS**

Use of DNS proxy and different DNS protection scenarios. Setting secure replication of DNS records.

04 **Secure Network**

Through which protocols do our users need to communicate?

05 **Firewall for Clients, Servers, AD Controllers**

Setting rules through GPO

06 **User Accounts and User Groups**

Why does not everyone have to be a Domain User?

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07

Layering Model

How to protect an administrator account from a "skilled" user? Use of selected groups in AD

08

Local Administrator Issue

Local Admin Password Solution tool - yes or no? Protection of the LSASS process

09

What All Can Our Users Do?

Reading from LDAP, or reading the AD database Reading and parsing group policies Running programs, exfiltration

10

How to Gain Eternal Life?

Persistence on a workstation, server Persistence in AD Detecting persistence using basic and sophisticated procedures

11

Final Summary

discussion about possible further measures to increase domain security conclusion

12

Notice

This is an extended course - compared with a standard course day, this course has allocated
6 hours
. In case of interest, it is possible to adapt the course topics tailor-made and adjust it to the needs of a specific institution (e.g. for the purposes of training IT departments, Information Security Managers, etc.)

This document serves as an informational overview of the course syllabus. Current dates, venue and availability are listed at Macrosoft.sk.

https://www.macrosoft.sk/en/courses/ad-security-mechanisms