Master Class: Securing Active Directory Deep Dive LEVEL 2

Category: Networking & Security | **Vendor:** Various

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Certification: Certified Security Master Specialization Advanced Windows Security, Certified Microsoft Learning Consultant (MCLC), Certified Learning Consultants

Course Overview

In this follow-up to the Master Class Active Directory Security, you will learn everything that could not be discussed in the first course due to time and know-how constraints.

We have added another "spurt" of security topics.

Look forward to a worthy successor to our Master Class Active Directory Security.

Please note:

You can only participate in this follow-up course if you have previously attended the Master Class Active Directory Security with Andy Wendel as trainer.

In the first MasterClass Active Directory Security course, we already covered the most important topics for securing your Active Directory.

Over the last few years, the questions for even deeper topics and approaches have become louder and louder in our courses.

Here comes our answer.

Three days of intensive Active Directory security topics.

Look forward to the successor.

We promise: Our best know-how for you and your day-to-day work from our most experienced trainers and consultants.

About This Course

- Review of best practices from the MasterClass Securing Active Directory FastPass.

- LAPS for domain controllers - does NOT work - but it does!

We show you how to secure the DSRM password rolling and encrypted incl. password history!

- DSRM-User: From emergency administrator to domain admin:

What a simple registry hack can do and what you should do about it...

- Unified Write Filter - a completely unknown solution for Windows 10/11 clients: Kiosk mode for professionals and for Privileged Admin Workstation - PAWs with "sheriff cards")

- Multi-tenant Active Directory - how to hide organizational units (Ous) for administrators who should not see them: Object List

No one dares to do it - how to show you how to do it and how the pros do it!

- MBAM & Bitlocker: Bitlocker on Steroids

Microsoft BitLocker Administration and Monitoring 2.5 - even if the extended support ends in 2026 - MBAM is absolutely worth a look!

- Hiding TIER-0 admins via Powershell

What I can't see, I can't attack....

How to hide your crown jewels...

- Bloodhound: Hunting for Privileges

Install and use Bloodhound - let's hunt for privileges!

- PAM feature with Server 2016: JEA & JIT

Just enough Administration with JustInTime Administration

With Server 2016 came - for most undiscovered - the PAM feature:

Privileged Access Management for Users: Time-to-Live for Administrators who manage the Tickets

- When it should be less:

Authentication Silos & Authentication Policies

Who, How, Where, and When...

- Build, maintain and administer tier models en detail

Tier and ESAE model in practice.

- Windows Defender for Identity

- Lithnet Active Directory Password Protection

- DNS-SEC - Run DNS in a highly secure way

Trust-Anchors

DNS over https (DoH)

- SMB encryption AES 256

Operate SMB highly secure

- UNC Hardening

- From DNS-Admin to DomainAdmin

How to go from small to big...

- LocalAccountTokenFilterPolicy

- LDAP-S, signing and channel binding

What exactly is it about and why LDAP-S is not LDAP-signing...

- LDAP-S and SSL V2, V3 and TLS V1 - what then now

LDAP-S en detail

- "Notes from the field - our experience from 10 years of hardening Active Directory

- LAPS

- Protected Users

- KRBTGT Reset

- PingCastle

- Questions from the participants

Your Trainer

The Advanced Master Class was developed by Andy Wendel and is delivered by himself and his experienced team.

Andy Wendel is a Senior Data Center and Cloud Architect and Certified Security Master Specialization Advanced Windows Security. He was and is trained by the internationally renowned security experts Paula Januszkiewicz (http://cqure.pl/paula-januszkiewicz/) and Sami Laiho (https://www.samilaiho.com/?/). This certification is renewed every year. Andy Wendel has been working as an IT trainer and consultant since the late 1990s and is also a Certified Microsoft Learning Consultant (MCLC). Worldwide, Microsoft has only awarded 56 Certified Learning Consultants.

Who Should Attend

This course is designed for experienced system administrators, consultants and Active Directory designers. After this seminar, you will be able to design, implement and consult on Active Directory in a highly secure manner.

Prerequisites & Entry Requirements

General Prerequisites:

At least 5 years of experience with Active Directory and client systems

Prior attendance of the Master Class: Securing Active Directory Deep Dive (SADDD-L1) course is REQUIRED AND must be verified.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

In this master class course LEVEL 2, the topic of Active Directory security is once again immensely deepened.

Want to make your crown jewels even more secure?

Is your environment critical or are you in the "SupplyChain"?

Or are you even bound to secrecy?

No problem: We will show you how to secure your environment extremely.

After more than 100 trainings in this area, this course was created as a worthy successor to the well-known and highly booked MasterClass Active Directory Security.

That's why: Understand, harden and monitor so you can sleep better.

Detailed Course Outline

Review of best practices from the MasterClass Securing Active Directory FastPass

LAPS for domain controllers - securing the DSRM password rolling

DSRM-User: From emergency administrator to domain admin

Unified Write Filter - Kiosk mode for Privileged Admin Workstations

Multi-tenant Active Directory - hiding organizational units

MBAM & Bitlocker: Microsoft BitLocker Administration and Monitoring

Hiding TIER-0 admins via Powershell

Bloodhound: Hunting for Privileges

PAM feature with Server 2016: JEA & JIT (Just Enough Administration / Just In Time)

Authentication Silos & Authentication Policies

Build, maintain and administer tier models (ESAE model)

Windows Defender for Identity

Lithnet Active Directory Password Protection

DNS-SEC - Run DNS in a highly secure way

SMB encryption AES 256

UNC Hardening

From DNS-Admin to DomainAdmin

LocalAccountTokenFilterPolicy

LDAP-S, signing and channel binding

Notes from the field: 10 years of hardening Active Directory

Skills You Will Learn:

In this master class course LEVEL 2, the topic of Active Directory security is once again immensely deepened.

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Frequently Asked Questions

Q: What delivery options are available for Master Class: Securing Active Directory Deep Dive LEVEL 2?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The Master Class: Securing Active Directory Deep Dive LEVEL 2 course helps prepare you for the Certified Security Master Specialization Advanced Windows Security, Certified Microsoft Learning Consultant (MCLC), Certified Learning Consultants certification path.

Q: How many CPD hours does this course provide?

The 3-day Master Class: Securing Active Directory Deep Dive LEVEL 2 course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Master Class: Securing Active Directory Deep Dive LEVEL 2 training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Master Class: Securing Active Directory Deep Dive LEVEL 2?

Yes, we provide corporate training, dedicated training, and closed classes for Master Class: Securing Active Directory Deep Dive LEVEL 2. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Master Class: Securing Active Directory Deep Dive LEVEL 2, Security, SADDD-L2

Q: Why choose Nexus Human for Master Class: Securing Active Directory Deep Dive LEVEL 2?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Master Class: Securing Active Directory Deep Dive LEVEL 2 training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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