

Windows Research with WinDBG

Live 4 hour Masterclass with Pavel Yosifovich

WinDbg is typically viewed as a difficult to use tool, only used by experts or cases where there is no other choice. WinDbg is powerful - it's used to debug Windows itself, after all.

In this session we'll look at ways to leverage WinDbg to research Windows components, using its debugging capabilities and other powers.

Target Audience: Researchers / Developers with at least basic Windows Internals experience.

About TrainSec Academy

TrainSec is an online learning hub for current and aspiring cybersecurity pros who understand the need for excellence. Level up or change career using skill-expanding modular learning. We turn beginners into experts and experts into masters. TrainSec is designed for those who are serious about being at the vanguard of the latest knowledge, skills, and trends. We're already working with the best.

The *tiny masterclass* series is a bite sized, deep tech experience with our renowned trainers during a live event.



07.Apr.26 - Seats are limited - Only \$49 entrance fee!



Windows Research with WinDBG

LIVE 4 hours Masterclass with Pavel:

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In this session we'll look at ways to leverage WinDbg to research Windows components, using its debugging capabilities and other powers.

Core topics we will cover:

- Configuring WinDbg for research
- User space research
- Kernel research
- Dump debugging
- Scripting WinDbg

Special Bonus: Get a \$49 voucher to spend on any Trainsec course.



Pavel Yosifovich
Author of Windows internals book

Schedule & Logistics

- **Event Date:** 07.04.26
- **Start Time:** 10:00 EDT
- **End Time:** 14:00 EDT
- **Timezone:** Eastern Daylight Time
- **Total Duration:** 4 hours
- **Platform:** Microsoft teams and Dedicated Discord channel - Only registered users are invited.
- **Access:** Invite only, recordings will be available only for registered students.
- **Replay Access Duration:** Lifetime.
- **Price per seat:** \$49
- **Refund Policy:** Refunds available up to 234 hours before the event.
- **Bonus:** Each student will receive \$49 value in vouchers to TrainSec catalog.

Speakers & Hosts

- **Name:** Pavel Yosifovich
- **Email:** pavel@TrainSec.net
- **Biography:** Software developer, trainer, consultant, author, and speaker. Co-author of “*Windows Internals*” 7th edition (2017). Author of “*Windows Kernel Programming, 2nd ed*” (2023), “*Windows 10 System Programming Part 1*” (2020), and Part 2 (2021).

Content & Agenda

Core Topics Covered:

- Configuring WinDbg for research
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- Kernel research
- Dump debugging
- Scripting WinDbg

Learning Outcomes (What attendees will gain):

- **Event Agenda / Timeline (breaks will be added as needed during the event):**
 - Configuring WinDbg
 - User Mode Debugging and Introspection
 - Kernel debugging setup (local/remote)
 - Kernel introspection and debugging

- Dump debugging
- Fundamentals of WinDbg Scripting

Deliverables & Bonuses

- **Included With Registration:**
 - Recording access.
 - Presentation Slides.
 - Demos materials and files.
 - \$49 voucher to use on any of the trainsec courses.

Operations & Support

- **Registration Page URL:**
<https://trainsec.net/windows-research-with-windbg-live-4h/>
- **Support Contact:** For any course-related or billing-related inquiries, please contact info@TrainSec.net