



.NET

Memory Dump Analysis
Accelerated

Version 7.0

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Software Diagnostics Services

Course Versions

- ⦿ Accelerated .NET Memory Dump Analysis
Versions 1 – 3 (.NET Framework)
- ⦿ Accelerated .NET Memory Dump Analysis
Version 4 (.NET Framework + .NET Core)
- ⦿ Accelerated .NET Core Memory Dump Analysis
Versions 1 – Revised (.NET Core + .NET)
- ⦿ Accelerated .NET Memory Dump Analysis
Version 7 (.NET)

Prerequisites

WinDbg Commands

We use these boxes to introduce some WinDbg commands used in practice exercises

LLDB Commands

We use these boxes to introduce some LLDB commands used in practice exercises

Basic .NET programming and debugging

Training Goals

- Review fundamentals
- Learn how to analyze process dumps
- Learn necessary commands in context

What's New in Version 7

- .NET 9
- x64 Linux
- LLDB
- Relevant x64 disassembly review
- Basics of IL disassembly
- Mechanism analysis patterns
- Memory dump collection methods