

Enterprise Security Fundamentals

Instructor : Cristian Calinescu

Microsoft MTA, MCSA and MCSE certified
Microsoft Cybersecurity Professional certified
Comptia Security + certified

Restrict Privilege Escalation Overview

Methods of reducing the probability of privilege escalation

✓ Privileged Access Workstations

- ✓ Access is limited to staff that perform administrative tasks
- ✓ Restrictions to software that can run on the PAW
- ✓ Protected by secure technologies

Privileged Access Workstations

- Specially configured computer for administrative tasks
- Separate computer for day-to-day non-administrative tasks
- Puts administrators in the “security mindset” when used
- Allows the application of more stringent security policies
- Network segmentation so that admin access to servers is only from PAWs

Restrict Privilege Escalation Overview

Methods of reducing the probability of privilege escalation

- ✓ Privileged Access Workstations
- ✓ Just Enough Administration (JEA)
- ✓ Just in Time Administration
- ✓ Restrictions on administrative accounts