

Windows 2000 Corporate Security Workshop



Course Agenda & Information

Introduction

As an independent Information Risk Management company, **Matta** represents the new breed of Security Consultants. Our training programmes are designed to be amongst the best that money can buy. There are strict limits on the numbers of attendees - half that of some other courses. **Matta** doesn't accept "sponsorship" from vendors - the tools and techniques you learn comprise best of breed, and quick & dirty. Without any unnecessary padding to fill the day, we aim to focus and challenge, and leave you at the end significantly enlightened.

Matta has found that by enabling its clients' key members of staff (usually network operations or IT management personnel) through security training programmes, it is possible for them to effectively run their own security operations on a daily basis. By specialising in attack & penetration, and techniques adopted by hackers and crackers to compromise networks 'in the wild', **Matta** offers a unique insight to our clients and partners, which will in turn help them to manage their own networks in a secure fashion.

Course Overview

The Windows 2000 Corporate Security Workshop is a comprehensive two day course in practical hardening of Windows 2000 servers and Active Directories; covering network and system security from a completely technical standpoint, with live hands-on practical components so that attendees can use the tools and MMC snap-in's to effectively harden servers and workstations.

The course is designed to appeal to those with a conceptual understanding of Windows 2000 components such as Active Directory and the Microsoft Management Console (MMC). **Matta** assumes that attendees have had some formal MCSE training, or have good practical experience with Windows 2000 administration.

Through discussing the concepts behind network and server hardening, and undertaking hands-on components to attack & harden a mock Windows 2000 network, attendees will gain insight into effective server hardening and the options that are presented to them in their respective network environments.

Matta is a consulting company, responsible for advising on the security of many Windows 2000 networks around the UK. Due to this underlying fact that we are not simply a training company, we can offer entirely relevant advice that will help you manage the security of your networks now, and into the future.

Course materials presented to each attendee include:

- Printed and bound booklets covering all the technical examples
- A unique CD containing all of the security utilities and tools used
- Morning & afternoon refreshments and lunch are also provided
- Along with a networked workstation for live hardening segments

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Day 1 Agenda

- 09:00** Course registration & coffee
- 09:30** Introduction
- The Windows 2000 security model
 - Active Directory & OU security
 - Hardening issues within Windows 2000
- 11:00** Break and discussion
- 11:30** Windows 2000 Weaknesses
- Default services running in Win2K
 - Known vulnerabilities & impact
 - Understanding vulnerabilities
 - Live Win2K IIS hacking segment
 - Countermeasures discussion
- 13:00** Lunch
- 14:00** Matta Win2K Hardening Model
- Introduction to the model
 - Modifying the approach in-line with server roles & network placement
- 15:30** Break and discussion
- 16:00** Hardening the Win2K core OS
- Disabling unnecessary services
 - Using registry keys to improve resilience
 - Microsoft service packs & hotfixes
 - File & directory permissions
 - User rights and permissions
- 17:30** Finish of Day 1

Day 2 Agenda

- 09:00** Morning coffee
- 09:30** Central policy management with AD
- Active Directory and OU containers
 - The Group Policy Object (GPO)
 - Organising your OU containers
 - Applying GPO's to OU containers
- 11:00** Break and discussion
- 11:30** OU & GPO practical workshop
- Defining effective policies
 - Building OU containers
 - Applying policies to containers
 - Using local & domain policies
 - Hardening the user desktop
- 13:00** Lunch
- 14:00** Win2K network service hardening
- Matta IIS 5.0 hardening guide
 - Matta SQL 2000 hardening guide
 - Matta Exchange 2000 hardening guide
 - Practical workshop to harden IIS 5.0
 - Attack & penetration components to assess hardened services and resilience
- 15:30** Complimentary security measures
- Firewall configuration
 - IDS deployment
 - Time-based security models
 - Honeypot and decoy tactics
- 17:30** Finish of Day 2

Course Dates and Booking Information

Due to positive feedback from our clients regarding this two day course, we are capable of running sessions in-line with demand. For information of the latest openings for attendees to book course places, please contact the **Matta** on **08700 77 11 00**, or e-mail courses@trustmatta.com

The standard price per attendee for this course is **£1500.00** (£1762.50 including VAT). **Matta** often presents **bespoke training** courses to assist large or specialised security teams, offering a truly effective way of performing skills transfer, please **contact us** for details.

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MATTA

WORLD-CLASS IT SECURITY TRAINING



Course Registration Form

Company Name
& Address

Course Date

Attendee Name

Contact Telephone Number

Total Amount Due (ex VAT)

Client Reference / PO Number

£

Matta Security will produce an invoice subsequent to receiving this signed registration document. Payment must be made in advance of attending the course. Full Matta Security terms and conditions are available upon request. The signing party must be authorised to sign-off the total amount indicated above.

Signature

Please fax this page back to Matta for processing on 08700 77 11 01