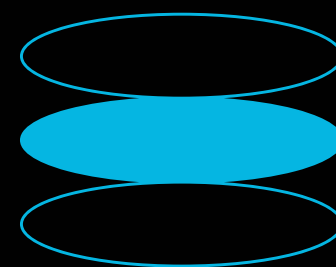




WINDOWS FUNDAMENTALS LABS SUMMARY 1 – 3



Lab 1: Windows Fundamentals 1

Windows Fundamentals 1

Course Overview:

Introduced essential Windows fundamentals, focusing on user account management, password handling, and User Account Control (UAC). Exercises emphasized securing Windows environments by managing accounts and enforcing best practices.

Skills Acquired:

- Creation and management of local user accounts
- Secure password management
- Configuration and understanding of User Account Control (UAC)

Key Concepts and Commands:

- **Settings** → **Accounts** → **Family & other users** – manage local accounts
- **Change Password** – enforce secure authentication
- **UAC (User Account Control)** – restrict administrative privileges to protect system integrity

Practical Outcomes:

- Performed foundational Windows security tasks, including account and password management
- Gained understanding of how UAC enhances system security

Lab 2: Windows Fundamentals 2

Windows Fundamentals 2

Course Overview:

Expanded on foundational Windows tasks, providing hands-on experience in account management, password security, and UAC. Focused on applying security best practices in a Windows environment.

Skills Acquired:

- Creating and managing local user accounts
- Changing and securing user passwords
- Configuring and understanding UAC
- Applying security best practices in Windows

Key Concepts and Commands:

- **Settings** → **Accounts** → **Family & other users** – manage local accounts and passwords
- **UAC Settings** – control administrative privileges and security prompts
- **Windows account types** – differentiate between Administrator and Standard User

Practical Outcomes:

- Built a strong foundation in Windows security fundamentals
- Gained practical experience managing accounts, passwords, and user privileges

Lab 3: Windows Fundamentals 3

Windows Fundamentals 3 – Security Labs

Course Overview:

Focused on security tasks including password management and configuring Windows Defender Firewall. Labs provided hands-on experience protecting Windows systems and applying best practices for user and network security.

Skills Acquired:

- Managing local user passwords
- Applying security best practices for account security
- Configuring and monitoring Windows Defender Firewall
- Understanding inbound/outbound rules and firewall profiles

Key Concepts and Commands:

- **Settings** → **Accounts** → **Family & other users** – manage user accounts
- **Change Password** – update user credentials
- **Control Panel** → **System and Security** → **Windows Defender Firewall** – configure firewall settings
- **Allow an app through firewall** – enable or block applications
- **Inbound/Outbound Rules** – control network traffic
- **Firewall Profiles:** Domain, Private, Public

Practical Outcomes:

- Updated user passwords following recommended security practices
- Configured firewall rules to allow trusted applications and block unnecessary access
- Monitored network activity to ensure system protection

Summary

Summary of Skills Learned

- **User Account Management:** creation, modification, and security of local accounts
- **Password Security:** enforcing strong passwords, regular updates, and best practices
- **User Account Control (UAC):** understanding and configuring to limit administrative access
- **Windows Security Best Practices:** applying practical techniques for account and system protection
- **Firewall Configuration:** managing Windows Defender Firewall, including rules, profiles, and monitoring network activity
- **Practical Hands-On Skills:** using Windows settings, Control Panel, and security tools effectively

