

Course Outline

Module 1: Implementing Authentication Topics for this module include:

Lessons

- Implementing authentication in applications (certificates, Azure AD, Azure AD Connect, token-based)
- Implementing multi-factor authentication
- Claims-based authorization
- Role-based access control (RBAC) authorization

After completing this module, students will be able to:

- Understand how to Implement authentication using certificates, Azure AD, Azure AD Connect, and tokens
- Implement Role-Based Access Control (RBAC) authorization

Module 2: Implementing Secure Data

Lessons

- End-to-end encryption
- Implementing Azure confidential computing
- Implementing SSL and TLS communications
- Managing cryptographic keys in Azure Key Vault

After completing this module, students will be able to:

- Implement secure data for end-to-end encryption
- Implement secure data for implementing SSL and TLS communications.
- Use Azure Key Vault to manage cryptographic keys