

## AZ-400T04-A: Implementing Dependency Management

### OBJECTIVE

This course provides the knowledge and skills to implement dependency management. Students will learn how to design a dependency management strategy and manage security and compliance.

### COURSE TOPICS

#### Module 1: Designing a Dependency Management Strategy

##### Lessons

- Introduction
- Packaging dependencies
- Package management
- Implement a versioning strategy

After completing this module, students will be able to:

- Recommend artifact management tools and practices
- Abstract common packages to enable sharing and reuse
- Inspect codebase to identify code dependencies that can be converted to packages
- Identify and recommend standardized package types and versions across the solution
- Refactor existing build pipelines to implement version strategy that publishes packages
- Manage security and compliance

#### Module 2: Manage security and compliance

##### Lessons

- Introduction
- Package security
- Open source software
- Integrating license and vulnerability scans

After completing this module, students will be able to:

- Inspect open source software packages for security and license compliance to align with corporate standards
- Configure build pipeline to access package security and license rating
- Configure secure access to package feeds

## PREREQUISITES

Fundamental knowledge about Azure, version control, Agile software development, and core software development principles. It would be helpful to have experience in an organization that delivers software.

## TRAINING APPROACH

This course includes lectures, course notes, exercises and hands-on practice.

## COURSE DURATION

Bundle course in 4 days

Time: 9:00am to 6:00pm

Lunch Time: 1:00pm to 2:00pm

## CERTIFICATION COMPLETION

A certificate of completion is provided for all trainees attending the course.