

Course Outline of AZ-400T04-A: Implementing Dependency Management

Module 1: Designing a Dependency Management Strategy

Lessons

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

Lab : Updating packages

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

