

# Table of Contents

- Table of Contents
- 1. Introduction
  - 1.1 Purpose
  - 1.2 Scope
  - 1.3 Intended Audience
  - 1.4 How to Use This Wiki
  - 1.5 Document Conventions
- 3. 2. Operational Purpose and Mission
  - 2.1 Operational Need
  - 2.2 Crucible Mission
  - 2.3 Operational Objectives
  - 2.4 Operational Boundaries
  - 2.5 Assumptions and Constraints
- 4. 3. Operational Context
  - 3.1 Connected Environments
  - 3.2 Disconnected Environments
  - 3.3 Air-Gapped Environments
  - 3.4 Infrastructure Environments
  - 3.5 Deployment Targets
  - 3.6 Security Domains
  - 3.7 Transfer Boundaries
- 5. 4. Actors and Responsibilities
  - 4.1 Developer
  - 4.2 DevSecOps Engineer
  - 4.3 Platform Engineer
  - 4.4 Security and Compliance Officer
  - 4.5 Enclave Operator
  - 4.6 CI/CD System
  - 4.7 External Tools and Services
- 6. 5. Operational Concept
  - 5.1 Prepare the Workspace
  - 5.2 Select and Compose Baselines
  - 5.3 Build Machine and Container Images
  - 5.4 Capture and Preserve Dependencies
  - 5.5 Perform Compliance Assessment
  - 5.6 Deploy Infrastructure and Platform Services
  - 5.7 Validate the Deployment
  - 5.8 Produce Operational Evidence
  - 5.9 Complete the Operational Cycle
- 7. 6. Connected Operations
  - 6.1 CI/CD-Initiated Execution
  - 6.2 Git-Based and GitOps Workflows
  - 6.3 Baseline Repository Consumption
  - 6.4 Image Build and Promotion
  - 6.5 Infrastructure Deployment
  - 6.6 Multi-Cloud and Hybrid-Cloud Operations
  - 6.7 Edge Deployment
  - 6.8 Centralized Management of Distributed Environments

- 8. 7. Disconnected and Air-Gapped Operations
  - 7.1 Capture Build Dependencies
  - 7.2 Preserve Dependencies in the Dependency Store
  - 7.3 Produce the Transfer Bundle
  - 7.4 Transfer Across the Boundary
  - 7.5 Import the Transfer Bundle
  - 7.6 Populate Offline Repositories
  - 7.7 Rebuild and Deploy in a Disconnected Environment
  - 7.8 Preserve Traceability Across Environments
- 9. 8. Compliance and Authorization Operations
  - 8.1 Define Compliance Baselines
  - 8.2 Execute Compliance Scans
  - 8.3 Generate Compliance Reports
  - 8.4 Generate Compliance Evidence Artifacts
  - 8.5 Support DISA STIG Compliance
  - 8.6 Support FedRAMP Compliance
  - 8.7 Support User-Defined Compliance Frameworks
  - 8.8 Generate SCTM Evidence
  - 8.9 Generate RMF Evidence
  - 8.10 Generate ATO Evidence
  - 8.11 Transfer Compliance Findings
- 10. 9. Crucible Interfaces
  - 9.1 Shared Interface Operations
  - 9.2 Command-Line Interface
  - 9.3 Web-Based User Interface
  - 9.4 Interactive and Noninteractive Execution
  - 9.5 Interface Results and Status
- 11. Annexes
  - Annex B: References
  - Annex C: Requirements
    - C.1 Mission Objectives
    - C.2 Operational Requirements
    - C.3 Functional Requirements
  - 3. Annex D: Issues

From:  
<https://wiki.didosolutions.com/> - **Dido Solutions, Inc Wiki**

Permanent link:  
<https://wiki.didosolutions.com/dido/02-crusible/00-toc/start?rev=1785580855>

Last update: **2026/08/01 03:40**

