

Certified Argo Project Associate (CAPA) Exam Curriculum

A Cloud Native Computing Foundation (CNCF)

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This document provides the curriculum outline of the Knowledge, Skills and Abilities that a Certified Argo Project Associate (CAPA) can be expected to demonstrate.

CAPA Curriculum

36% - Argo Workflows

- Understand Argo Workflow Fundamentals
- Generating and Consuming Artifacts
- Understand Argo Workflow Templates
- Understand the Argo Workflow Spec
- Work with DAG (Directed-Acyclic Graphs)
- Run Data Processing Jobs with Argo Workflows

12% - Argo Events

- Understand Argo Events Fundamentals
- Understand Argo Event Components and Architecture

34% - ARGO CD

- Understand Argo CD Fundamentals
- Synchronize Applications Using Argo CD
- Use Argo CD Application
- Configure Argo CD with Helm and Kustomize
- Identify Common Reconciliation Patterns

18% - Argo Rollouts

- Understand Argo Rollouts Fundamentals
- Use Common Progressive Rollout Strategies
- Describe Analysis Template and AnalysisRun



kubernetes



CLOUD NATIVE COMPUTING FOUNDATION

Cloud native computing uses an open source software stack to deploy applications as microservices, packaging each part into its own container, and dynamically orchestrating those containers to optimize resource utilization. The Cloud Native Computing Foundation (CNCF) hosts critical components of those software stacks including Kubernetes, Fluentd, Linkerd, Prometheus, OpenTracing and gRPC; brings together the industry's top developers, end users, and vendors; and serves as a neutral home for collaboration. CNCF is part of The Linux Foundation, a nonprofit organization. For more information about CNCF, please visit: <https://cncf.io/>.