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How I've Become a Certified Argo Project Associate and How You Can Too!

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TL;DL



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Argo Project is not just Argo CD!



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What is Argo Project?

Argo Project is a collection of tools for getting work done with Kubernetes.

Argo Project Tools

- Argo Workflows is a container-native workflow engine.
- Argo CD is a declarative, GitOps continuous delivery tool.
- Argo Rollouts is progressive delivery tool.
- Argo Events is an event-based dependency manager.

Why bother?



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- An opportunity to learn more about Argo Project's ecosystem and its capabilities beyond just CD.
- It is more than just passing a test!
- It is about developing the skills to build amazing things with Argo.

Certification overview



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Certification Name: Certified Argo Project Associate (CAPA)

Who is it for? Designed for engineers, data scientists, and others interested in demonstrating their understanding of the Argo Project ecosystem.

Certification Body: The Linux Foundation Training and Certification

Certification Cost: \$250 Includes 12-month exam eligibility and one free retake

Certification Validity: 2 Years

Prerequisites: There are no pre-requisites for this exam.

Exam Format: An online, proctored, multiple-choice exam.

Exam Duration: 90 Minutes

Number of questions: 60 multiple choice questions

Passing score: $\geq 75\%$

Domains and Weight: Argo Workflows 36%, Argo CD 34%, Argo Rollouts 18%, and Argo Events 12%.



Resources

- Official documentation!
- Introduction to Continuous Delivery and GitOps using Argo CD by Akuity.
- Argo Workflow labs by Argo Project on Killercodea.com.
- Any previous hands-on experience is a plus.

Tips

- Explore and combine the different options for Argo Workflows and Argo CD applications into one rather big YAML manifest to get familiar with the possible configurations.

Challenges

- No dedicated course for the certification at the time I prepared for the exam.

What's next?



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- When ready, schedule the exam and complete the prerequisites.
- The Final Boss: The certification exam.
 - Time management is key.
 - Mark tricky questions for review.
- Results and Certification



Congratulations!

Al-Hussein Hameed, you just earned a badge from The Linux Foundation 🎉!



CAPA: Certified Argo Project Associate

Issuer: The Linux Foundation

Closing remarks



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