

Cloud Native Learning Journey

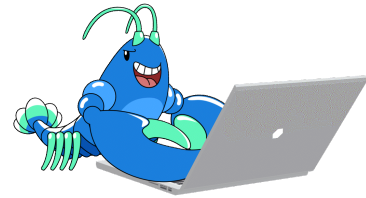
[\(link to issue\)](#)

Welcome to the Cloud Native Learning Journey, your hub for all CNCF-vetted resources. Whether you are new to cloud native or have years of experience, here you'll find all resources developed by the CNCF and volunteer-based CNCF groups in one central location.

Fun graphic with CNCF mascots studying (reading a book, typing on a laptop, with a graduation cap, etc.)

How to use the Journey?

We've ordered all resources in a recommended reading order, starting with those requiring minimal previous knowledge and moving toward highly technical content. We've also bundled them into five groups: novice, advanced beginner, competent, proficient, and expert. If you know where you are in your journey, jump right to that section!



Help improve the Journey

Not seeing a resource that should be included? Submit an issue so we can add it.

Novice

What is cloud native 101?	Glossary logo	Learn more
Cloud Native terms explained in simple words	Glossary logo	View Glossary

Advanced beginner

What do sandbox, incubating, graduated mean?		Learn more
Real world cloud native use cases	CNCF logo ?	Read case studies
What is cloud native 201?		Learn more
What's the cloud native landscape?	Landscape logo	Read Guide

Competent

View all cloud native projects and products	Landscape logo	View Landscape
What does cloud native transformation look like?	Logo	

Proficient

What does our internal platform look like?		Read whitepaper
What are Operators and how can they help me?		Read whitepaper
How do we secure our cloud?		Read whitepaper
What is our software supply chain and how do we secure it?		Read whitepaper
What is cloud native storage?		Read whitepaper

Expert

TAG Security Zero Trust Whitepaper		Available soon
Get Kubernetes training by providers		
Get free Kubernetes online training		
View more cloud native training options		
Compare projects in the same category	Landscape logo	

****OLD****

Level	Short descriptive headline for resource	Visual	CTA
Novice	What is cloud native 101?	Glossary logo	Learn more
Novice	Cloud Native terms explained in simple words	Glossary logo	View Glossary
advanced beginner	Sandbox, incubating, graduated projects. What does that mean?		Learn more
advanced beginner	Real world cloud native use cases	CNCF logo ?	Read case studies
advanced beginner	What is cloud native 201?		Learn more
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competent	View all cloud native projects and products	Landscape logo	View Landscape

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competent	What does cloud native transformation look like?	Logo	
proficient	TAG Security Whitepaper		
proficient	CNCF Platforms White Paper		Read whitepaper
proficient	CNCF Operator White Paper		Read whitepaper
proficient	Cloud Native Security Whitepaper		Read whitepaper
proficient	Software Supply Chain Best Practices		
proficient	CNCF Storage Whitepaper V2		Read whitepaper
expert	TAG Security Zero Trust Whitepaper		Available soon
expert	Get Kubernetes training by providers		
expert	Get free Kubernetes online training		
expert	View more cloud native training options		
expert	Compare projects in the same category	Landscape logo	

****OLD****

Level	Resource	Info box text	Notes
101	What is cloud native?	Cloud Native Glossary definition, well-suited for a non-technical audience.	Not sure the official TOC definition will do the job for people with no knowledge. Maybe it's better to point to a definition of the Glossary.
101	What is cloud native?	This TOC definition is a little bit more technical.	
101	Cloud Native terms explained in simple words [Cloud Native Glossary logo]	Cloud native terms explained in simple words. Start with "foundational" terms and then work your way through key industry terms.	
101	Cloud Native Trail Map	Skip for now	We shouldn't include this until it's been updated.
101	Project maturity levels	What does it mean when a project is a sandbox, incubating, or graduated project?	we should give people a good understanding of the three main project maturity levels, of sandbox, incubating and graduated, not to be confused with the Maturity Model. With this background then the landscape will make more sense.
101	CNCF case studies	What did companies that adopted cloud native tech accomplish? How did it help their bottom line?	
201	Cloud Native Landscape	An overview of all cloud native technologies on the market (don't panic yet, there is a guide that breaks it down).	

201	Cloud Native Landscape Guide	Overwhelmed by the landscape? Check out this guide to understand how it is organized and what each category means.	I feel the landscape might be a good first resource for the 201. Without the basics, this makes little sense.
201	Cloud Native Maturity Model	A framework on adopting cloud native.	More a 201 level and you should have some idea of the landscape itself. I'd even consider, given some of its concepts, it a 301 tool - though happy to discuss.
201	Contributing to open source	Ready to give back to the community? Here's what you need to know to get started	
401	TAG Security Whitepaper	What are the security challenges in cloud native and how do we address them?	These resources should be included. I'd consider them more advanced and after the Kubernetes Training and the Project Summary Feature Table
401	TAG App Delivery Platforms Whitepaper	Still in draft	I think we can list these here for awareness. It might encourage people to check back
401	TAG Security Zero Trust Whitepaper	Still in draft	
401	Kubernetes training providers	Get trained by Kubernetes experts vetted by the CNCF	
401	Free Kubernetes online training	Get Kubernetes certified with free courses on edX.	Once people understood the theory, they are ready for hands on learning material
401	Cloud native training	Various courses on Kubernetes and other technologies. Paid and free.	
401	Project Summary Feature Table	Need to evaluate which projects are right for your project? Get a high-level overview of each project and how they differentiate.	This is for people already using CN, so I assume it will be a 401 resource (?)

MAKE CLOUD NATIVE UBIQUITOUS

CNCF is the open source, vendor-neutral hub of **cloud native computing**, hosting projects like Kubernetes and Prometheus to make cloud native universal and sustainable.

[ABOUT CNCF](#)

133
Projects

166K
Contributors

9.9M
Contributions

187
Countries

Cloud Native Learning Journey

Whether you are starting your cloud native journey or are deep in the weeds, check out our new Cloud Native Learning Journey for a one-stop-shop on all CNCF resources that will help you navigate the ecosystem!

[Start now!](#)