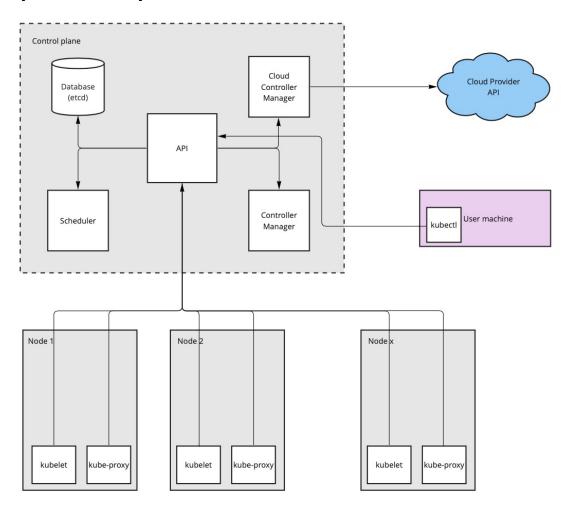
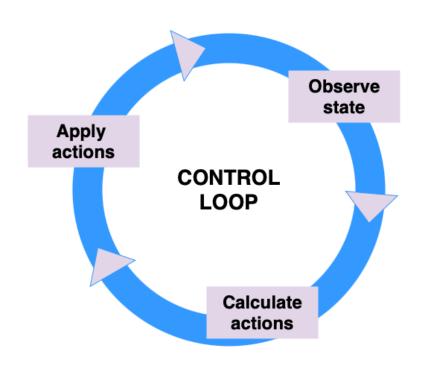
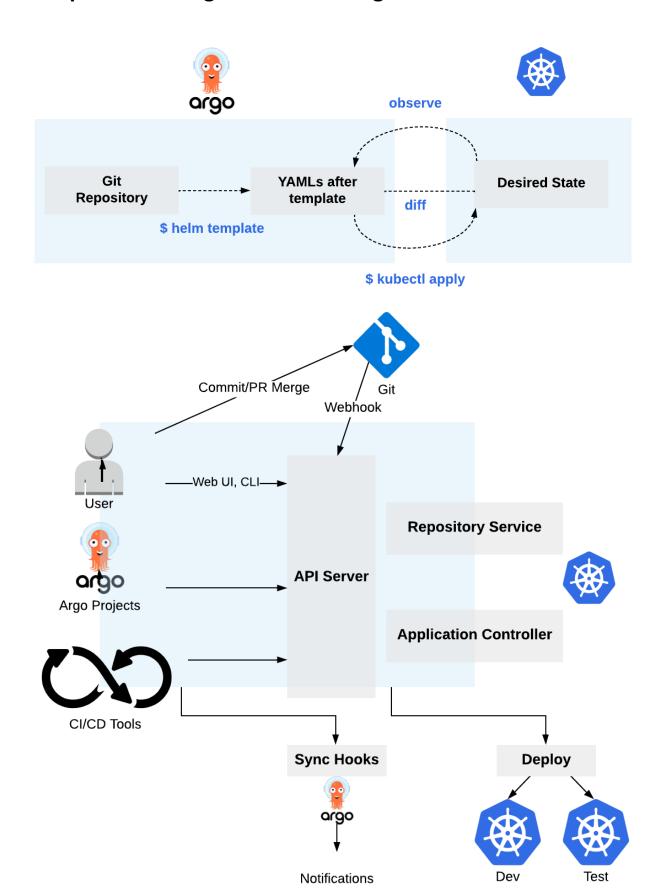
Chapter 1: GitOps and Kubernetes

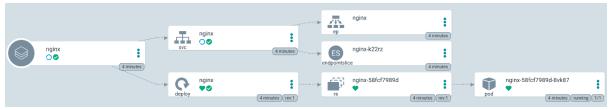


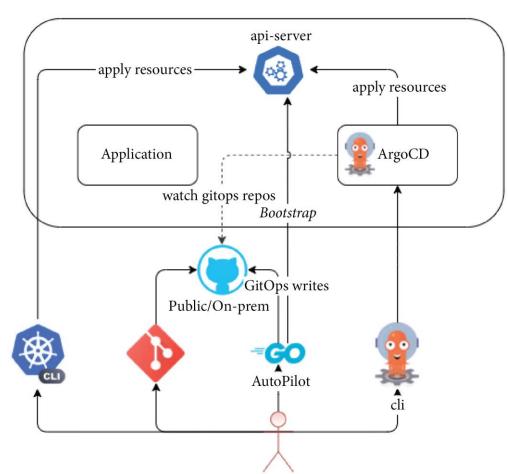


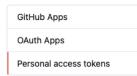
Chapter 2: Getting Started with Argo CD











New personal access token

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication.

Note

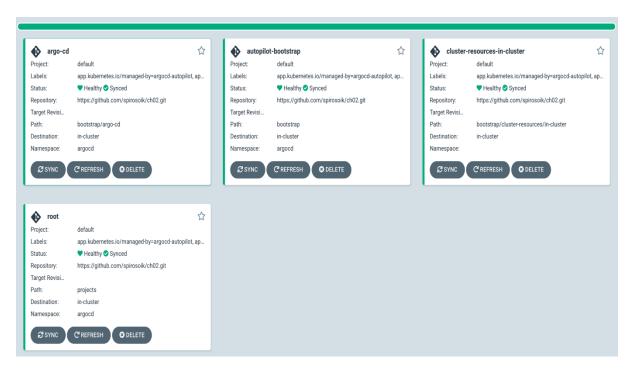
ARGOCD_AUTOPILOT_TOKEN

What's this token for?

Select scopes

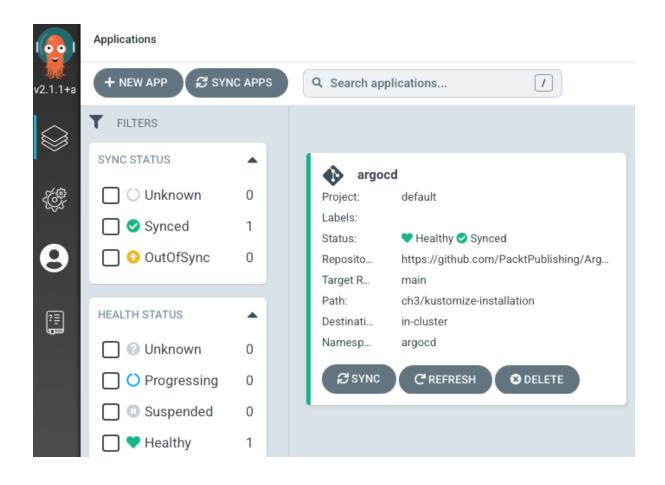
Scopes define the access for personal tokens. Read more about OAuth scopes.

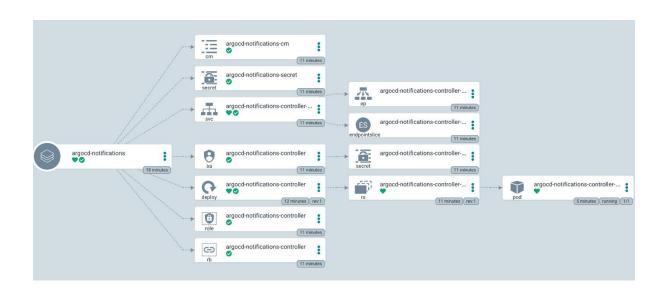






Chapter 3: Operating Argo CD





Project name resume-manual-pipeline Project URL Project slug https://gitlab.com/ liviu-costea resume-manual-pipeline Want to house several dependent projects under the same namespace? Create a group. Project description (optional) Description format Visibility Level ?

O 🖰 Private

Project access must be granted explicitly to each user. If this project is part of a group, access will be granted

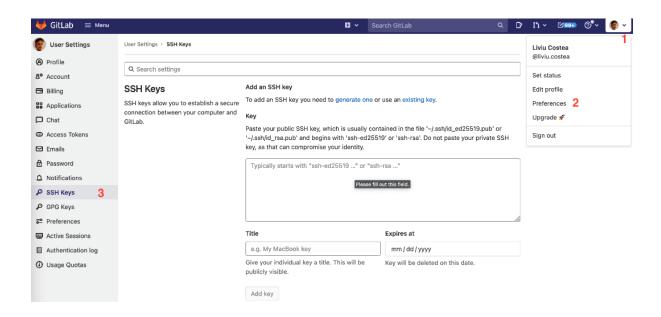
Public

The project can be accessed without any authentication.

✓ Initialize repository with a README

Allows you to immediately clone this project's repository. Skip this if you plan to push up an existing repository.

Create project Cancel



Manage your project's triggers

Description

Argo CD Notifications Webhook

Add trigger

No triggers exist yet. Use the form above to create one.

³² Using docker image sha256:14119a10abf4669e8cdbdff324a9f9605d99697215a0d21c360fe8dfa8471bab for alpine:3.14 with digest 2e3d3c45cccac829840a25941e679c25d438cc8412c2fa221cf1a824e6a ...

^{33 \$} echo "Deploy status \$APPLICATION_DEPLOY_STATUS for Application \$APPLICATION_NAME on commit \$APPLICATION_GIT_COMMIT"

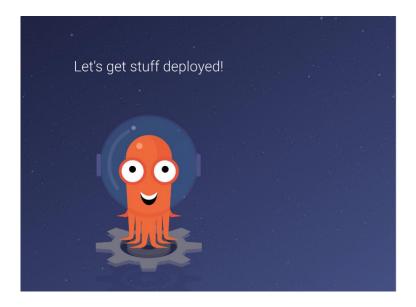
Deploy status Synced for Application argood on commit e8035777f082ff4d214503d0a0b26a2281b5a0f7

³⁶ Cleaning up project directory and file based variables

³⁸ Job succeeded

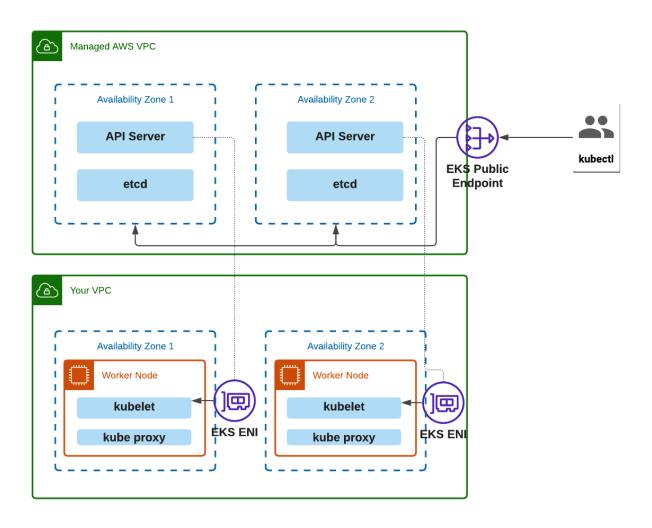
Chapter 4: Access Control

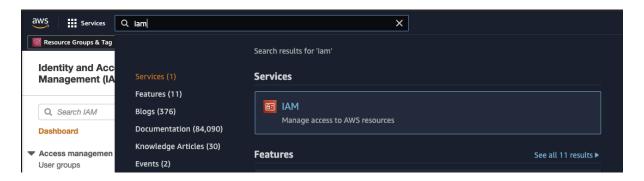
OPERATION	Sync
PHASE	Succeeded
MESSAGE	successfully synced (all tasks run)
STARTED AT	a minute ago (Tue Oct 04 2022 22:39:58 GMT+0300)
DURATION	00:01 min
FINISHED AT	a minute ago (Tue Oct 04 2022 22:39:59 GMT+0300)
REVISION	e37ff4b
INITIATED BY	proj:argocd:read-sync





Chapter 5: Argo CD Bootstrap k8s Cluster





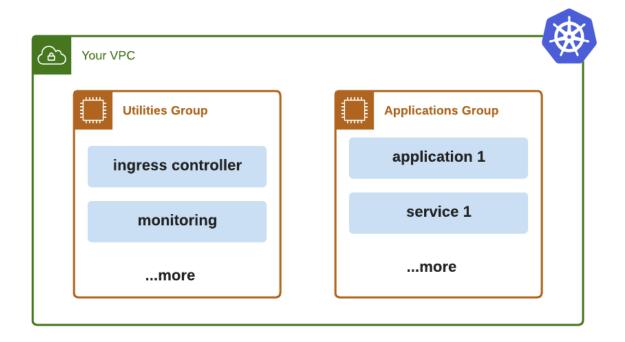
Add user Set user details You can add multiple users at once with the same access type and permissions. Learn more User name* test-bot Add another user Select AWS access type Select how these users will primarily access AWS. If you choose only programmatic access, it does NOT prevent users from accessing the console using an assumed role. Access keys and autogenerated passwords are provided in the last step. Learn more Select AWS credential type* Access key - Programmatic access Enables an access key ID and secret access key for the AWS API, CLI, SDK, and other development tools. Password - AWS Management Console access Enables a password that allows users to sign-in to the AWS Management Console.

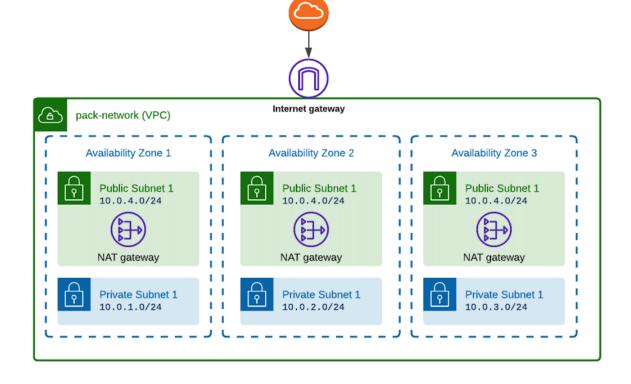
Group name TestGroup Create policy 2 Refresh Filter policies V Q Search Showing 768 results Policy name 🔻 Used as Description AdministratorAccess Job function Permissions policy (1) Provides full access to AWS services and resources. AWS managed None Grants account administrative permissions while explicitly allowing direct access to resources needed by A... ▶ ■ AdministratorAccess-AWSElasticBeanstalk AWS managed Grants account administrative permissions. Explicitly allows developers and administrators to gain direct ac.. None

Create a group and select the policies to be attached to the group. Using groups is a best-practice way to manage users' permissions by job functions, AWS service access, or your custom permissions. Learn more



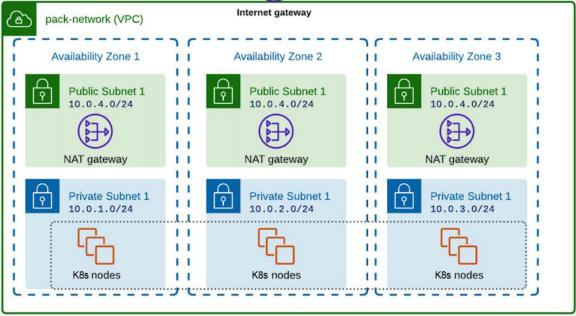
		User	Access key ID	Secret access key
→ (Ø	test-bot	AKIAT3CQUENN43DTW577 🖺	****** Show





Main route table					
Destination	Target				
10.0.0.0/16	local				
0.0.0.0/16	nat-gateway-id				





NAME	READY	STATUS	RESTARTS	AGE
aws-node-4tdgf	1/1	Running	0	14m
aws-node-bsjzp	1/1	Running	0	14m
aws-node-d554x	1/1	Running	0	14m
aws-node-jm25x	1/1	Running	0	14m
coredns-65bfc5645f-84wbt	1/1	Running	0	28m
coredns-65bfc5645f-nqx26	1/1	Running	0	28m
kube-proxy-87hbc	1/1	Running	0	14m
kube-proxy-cf7j9	1/1	Running	0	14m
kube-proxy-h7nlw	1/1	Running	0	14m
kube-proxy-ksrhn	1/1	Running	0	14m

NAME pod/argocd-application-controll pod/argocd-repo-server-6fd99dbb pod/argocd-server-7674b5cff5-sz	b5-rswbc	READY 1/1 1/1 1/1	STATUS Running Running Running	g 0 g 0	STARTS	AGE 86s 86s 88s		
NAME service/argocd-dex-server service/argocd-metrics service/argocd-redis service/argocd-repo-server service/argocd-server service/argocd-server-metrics NAME deployment.apps/argocd-dex-server-	TYPE ClusterI ClusterI ClusterI ClusterI ClusterI ClusterI REA	P 172 P 172 P 172 P 172 P 172 P 172	STER-IP .20.226.12 .20.61.41 .20.28.95 .20.22.22 .20.151.64 .20.246.23	15 <	XTERNA none> none> none> none> none>	L-IP AGE 4m18	PORT(S) 5556/TCP,5557/TCP,5558/TCP 8082/TCP 6379/TCP 8081/TCP,8084/TCP 80/TCP,443/TCP 8083/TCP	AGE 4m17s 4m15s 90s 90s 90s 4m15s
deployment.apps/argocd-redis deployment.apps/argocd-repo-ser deployment.apps/argocd-server	0/1	0 1 1		0 1 1		4m18 88s 91s	-	
NAME replicaset.apps/argocd-dex-serv replicaset.apps/argocd-redis-74 replicaset.apps/argocd-repo-ser replicaset.apps/argocd-server-7	d8c6db65 ver-6fd99	dbbb5	DESIRED 1 1 1	CURR 0 0 1 1		READY 0 0 1 1	AGE 4m19s 4m19s 89s 92s	
NAME statefulset.apps/argocd-applica	tion-cont	roller	READY 1/1	AGE 90s				



argo-cd

Project: default

Labels:

Status: ♥ Healthy ♥ Synced

Repository: https://github.com/PacktPublishing/ArgoCD-in-Pra...

Target Revis... HEAD

Path: ch05/applications/argocd-app

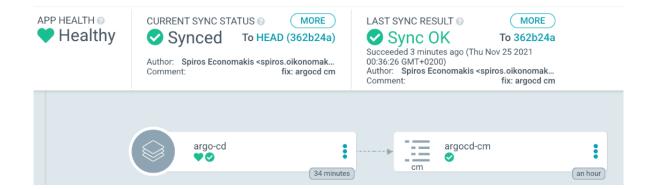
Destination: in-cluster

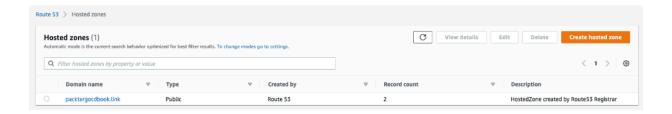
Namespace: argocd

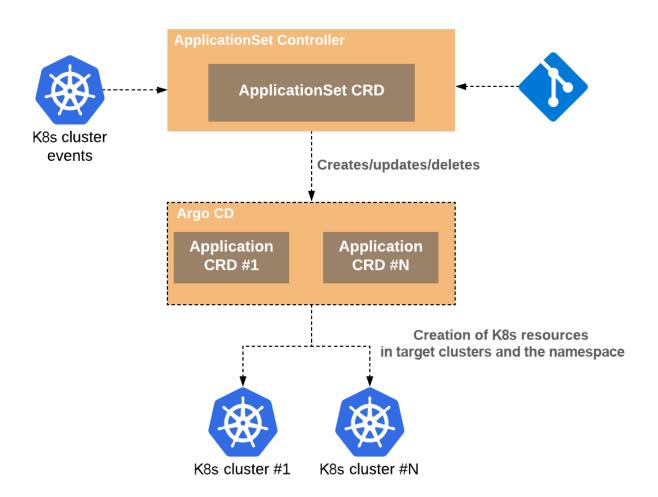
SYNC

C REFRESH

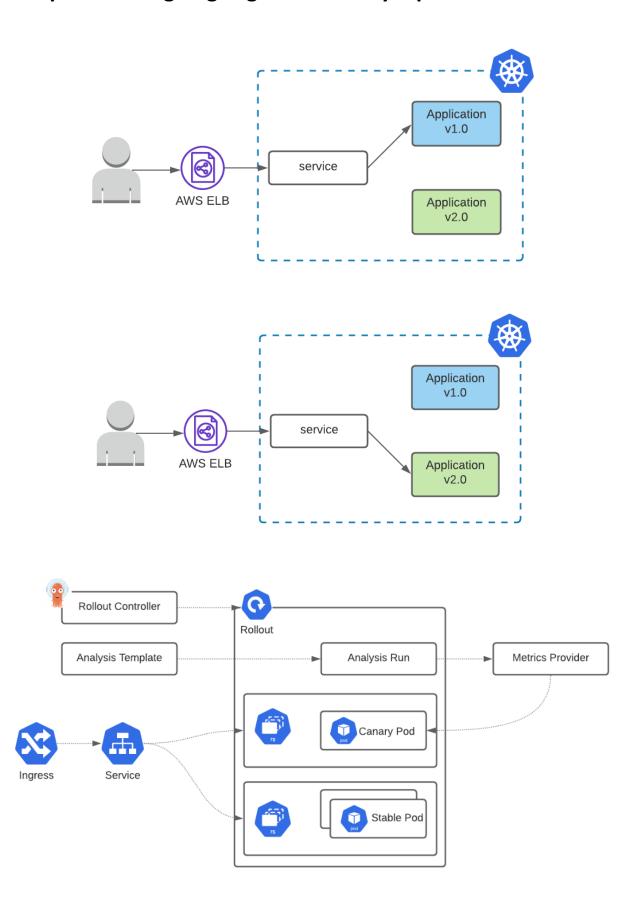
3 DELETE



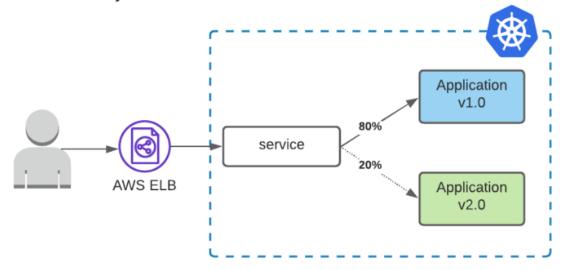


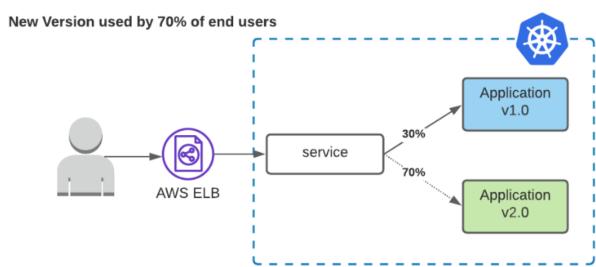


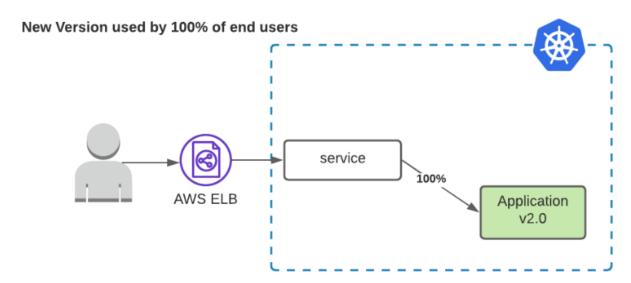
Chapter 6: Designing Argo CD Delivery Pipelines

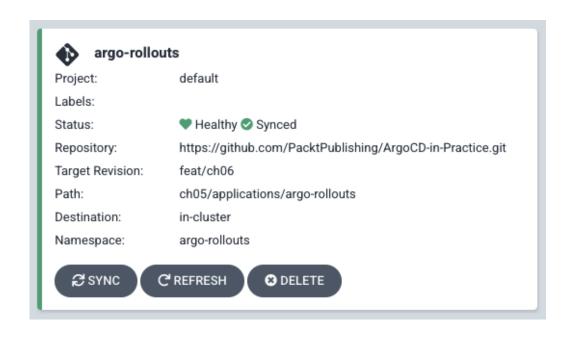


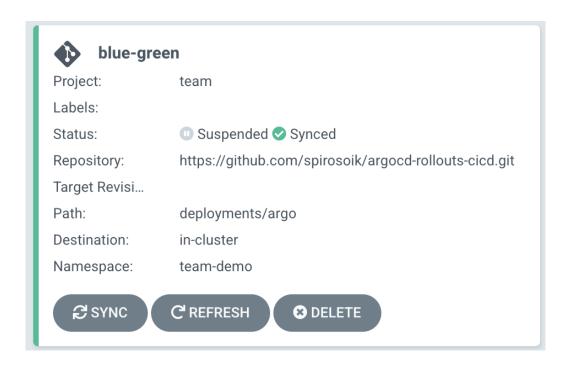
New Version used by 20% of end users

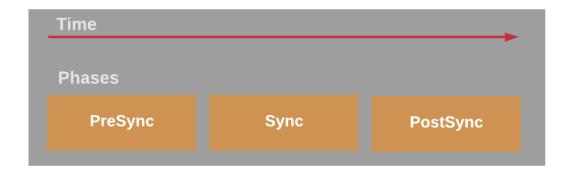




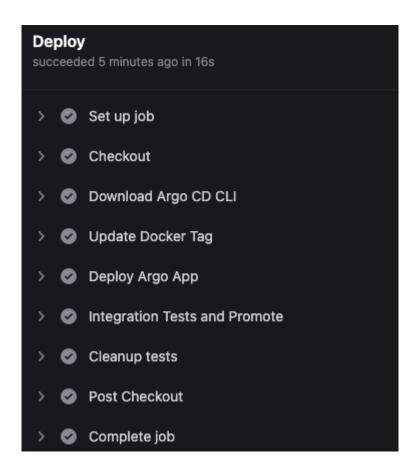


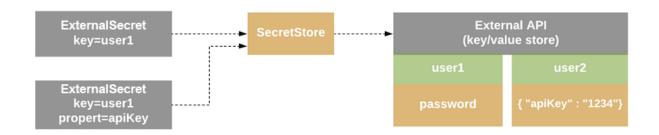


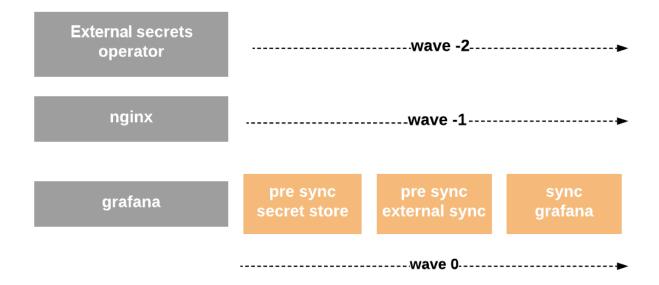


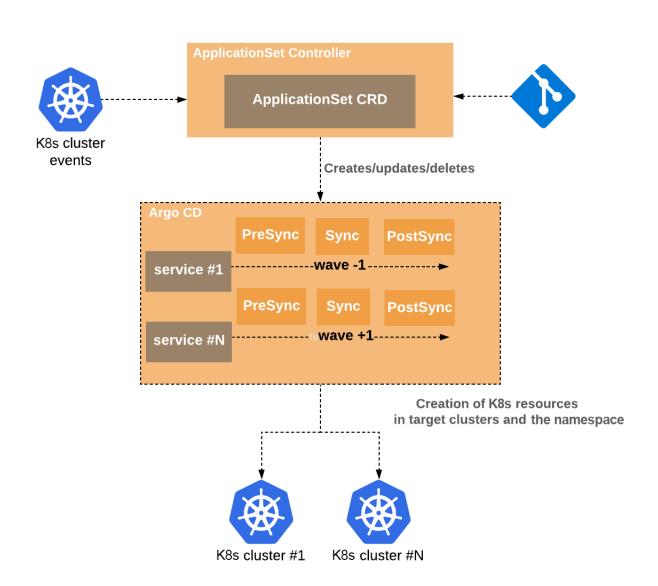




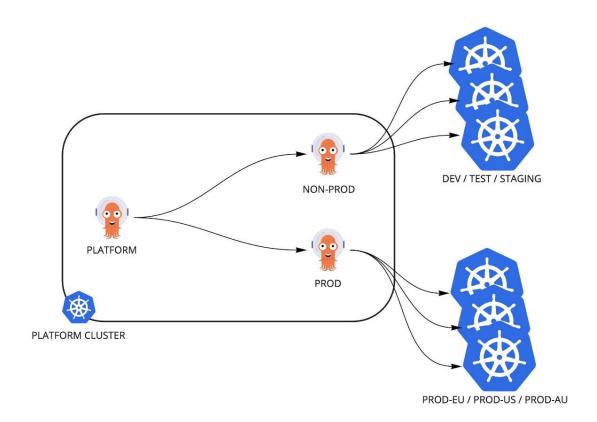


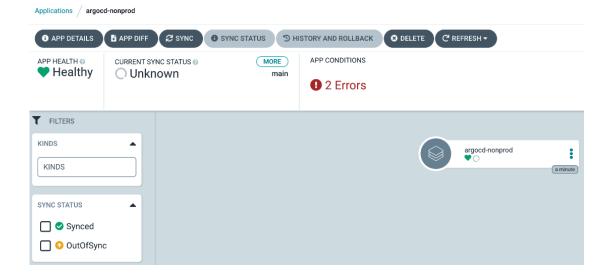






Chapter 7: Troubleshooting Argo CD





Chapter 8: YAML and Kubernetes Manifests (Parsing and Verification)

No images...

Chapter 9: Future and Conclusion

NAME	READY	STATUS	RESTARTS	AGE
app-f6c66b898-gxcmn	1/1	Running	0	4s
app-f6c66b898-ljxdq	1/1	Running	0	4s
gitops-agent-648cf56fc8-2fxpr	2/2	Running	0	12s