

// conference june 13th 2024

KCD Zürich 2024

Successful Platform Engineering

Reality vs Hype

*From the viewpoint of a CNCF Ambassador
With a focus on „The Role of Observability“*

With inspiration from <https://ksick.dev>



PRESENTER

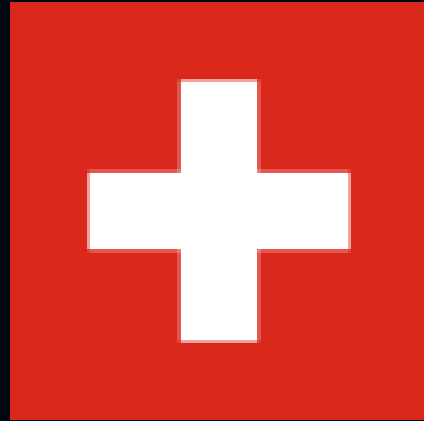
Andreas Grabner

CNCF Ambassador & DevRel
@grabnerandi



OpenFeature





CONGRATS: 10 YEARS APART – SWITZERLAND AND AUSTRIA WIN THE SONG CONTEST



LETS SEE IF 16 YEARS AFTER OUR EURO ONE
OF US CONQUERS EUROPE 😊



UEFA EURO2024 GERMANY

GROUP A	GROUP B	GROUP C
GERMANY	SPAIN	SLOVENIA
SCOTLAND	CROATIA	DENMARK
HUNGARY	ITALY	SERBIA
SWITZERLAND	ALBANIA	ENGLAND
GROUP D	GROUP E	GROUP F
POLAND	BELGIUM	TÜRKIYE
NETHERLANDS	SLOVAKIA	GEORGIA
AUSTRIA	ROMANIA	PORTUGAL
FRANCE	UKRAINE	CZECHIA

Zurich: It seems we have a problem!



~40%

of engineering time
is productive

~36%

of developers leave because of
bad developer experiences

What happened?



Shifting left!

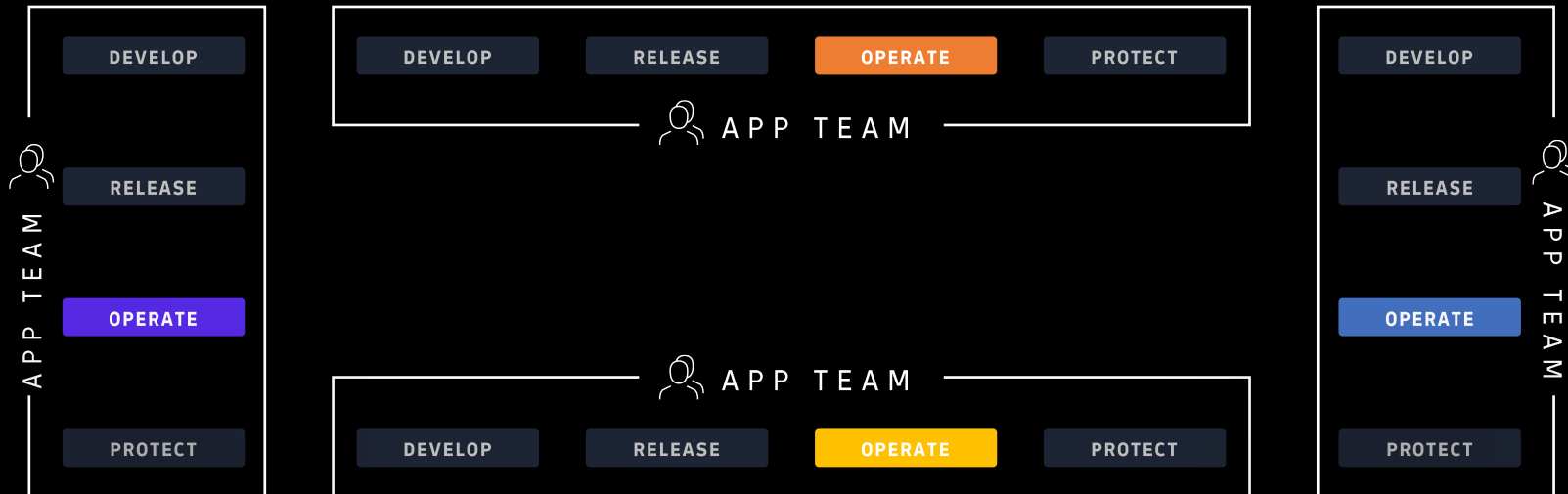
Teams taking on more responsibility



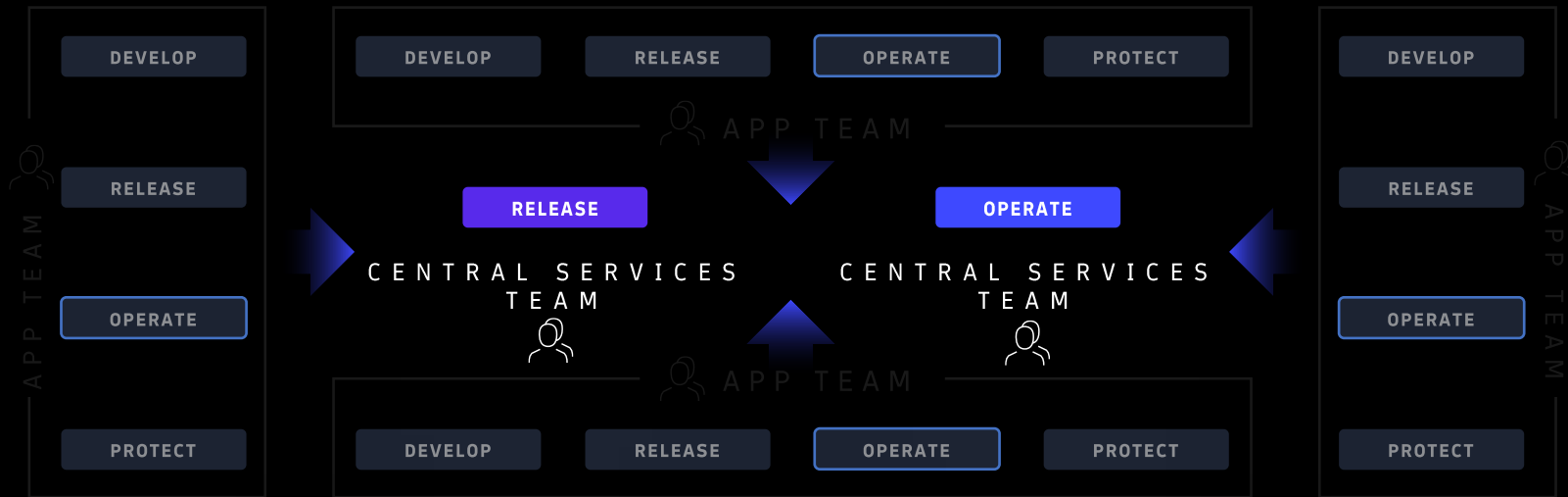
When Organizations grow - Teams start do things “their way”!



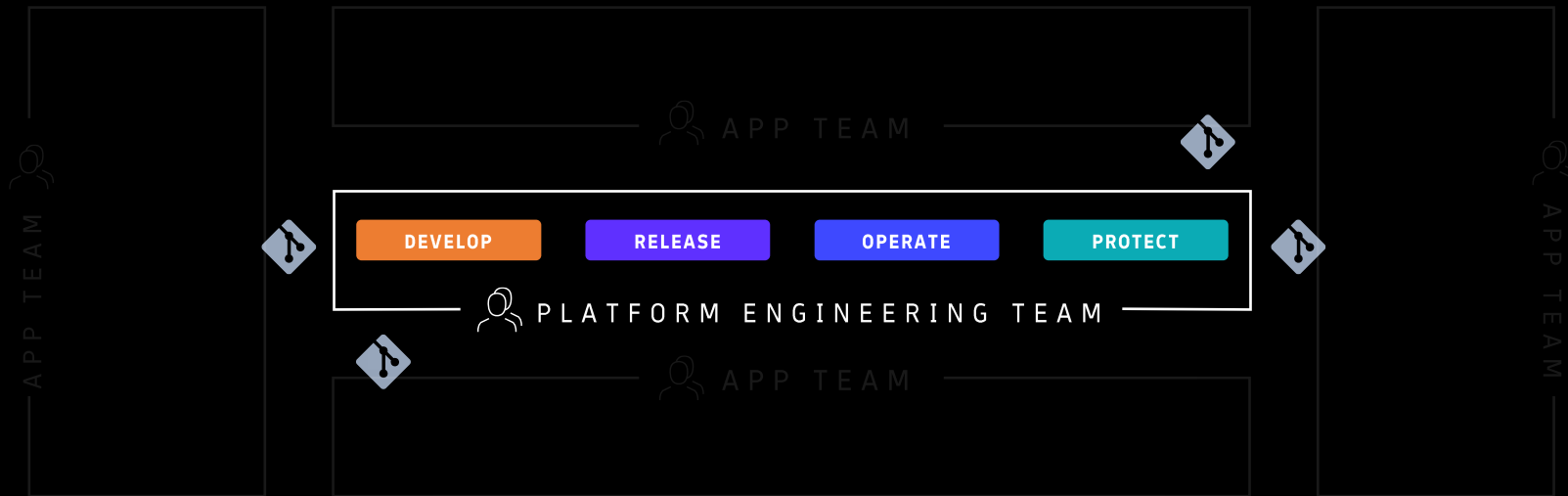
When Organizations grow - “their way” becomes “duplicated effort!”



Central Services became the “Patch Solution”



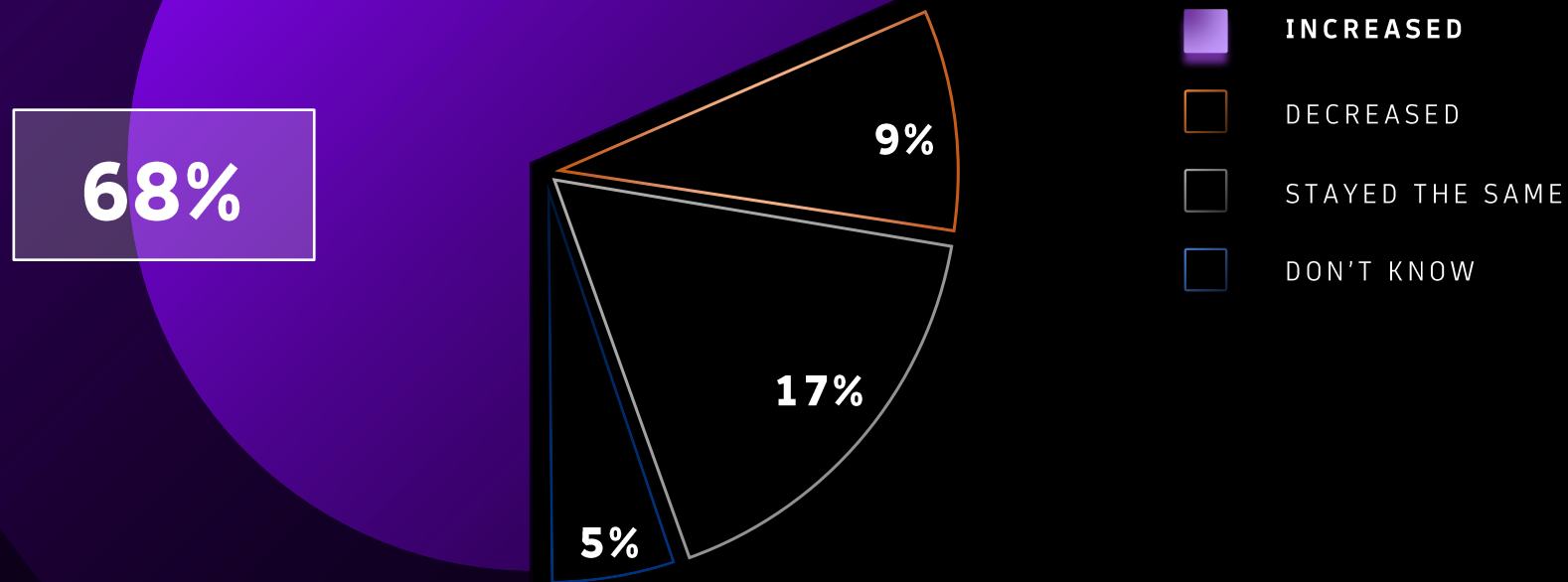
Leading to Platform Engineering: Git* as one Interface for “Golden Path Self-Service”





Platforms are a mean of *centralising expertise*
whilst *decentralising innovation* to the
customer or user

Developer Productivity as Key Measure of Success to Platform Engineering!



More tangible KPIs to measure success

Business benefits achieved and lessons learned

Outcomes

83% of developer time is spend in productive activities

50K active projects with **12.7K** active users

42.7M pipeline runs by 2023 (*up from 3M, 2019*)

324K user stories by 2023 (*up from 22K in FY20*)

99% of MTT Instrument reduction (days down to minutes)

Significant reduction in incident count with major improvements
in code quality

Lessons learned

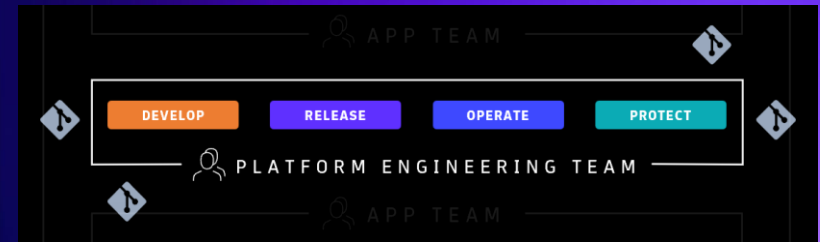
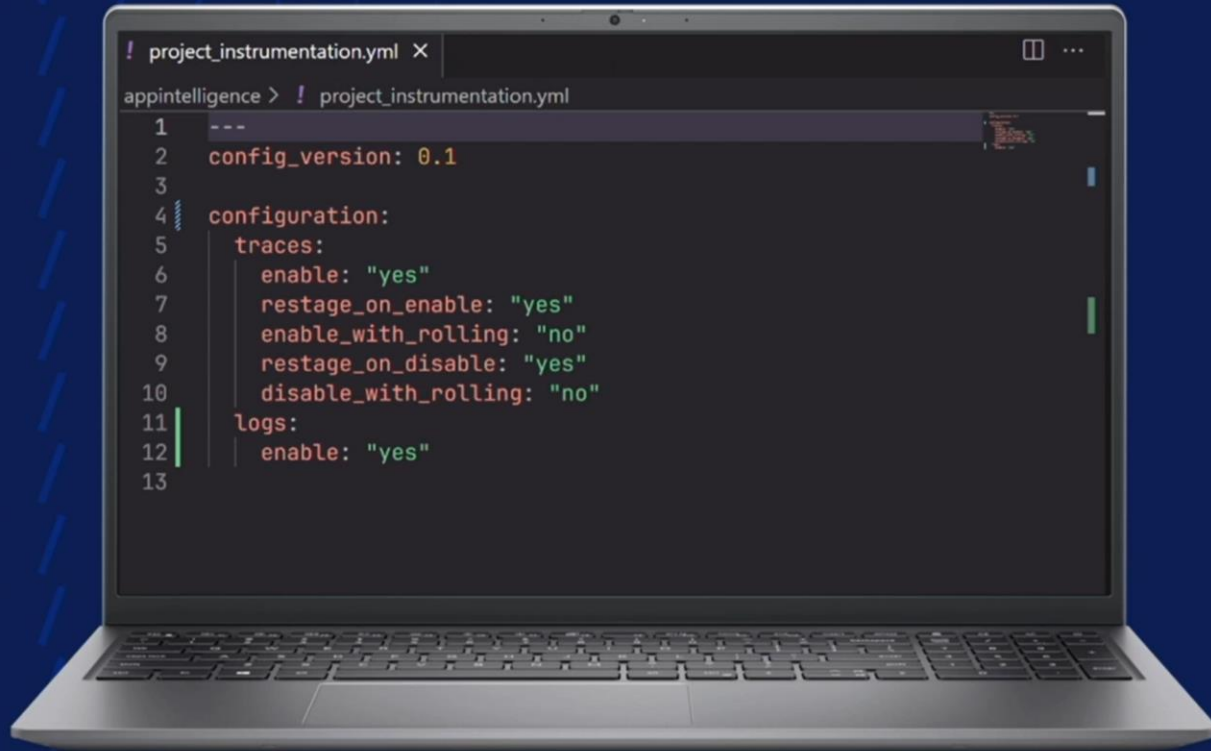
- ✓ Understand the developer journey and how they spend their time
- ✓ Automating standards enables developers to code quickly & with increased security
- ✓ Provide flexibility, but with guardrails
- ✓ Use metrics to measure progress
- ✓ Put the customer at the center (consider product model)

Dell Digital Proven 

 Dell Technologies



Git enables “Observability as Self-Service”





“By 2026, 80% of large software engineering organizations will **establish platform engineering teams** as internal providers of reusable services, components and tools for application delivery”

Gartner

Read the full blog here: <https://www.gartner.com/en/articles/what-is-platform-engineering>

**So – that's it!
Everyone is
happy!**




My job is done here 😊

Hype

vs

Reality



 r/devops · 2 years ago
We've spent months building this platform, devs hate it, help me understand why
121 upvotes · 86 comments



Follow a Platform as a Product Mindset



Find the **pain points** and **needs** of your users



Have a clear **mission** with measurable **KPIs**



Design for a good **User/Dev Experience**



Start with the **TVP** (Thinnest Viable Platform)



Make everything **observable**

Let's quickly kick off the demo!



<https://dt-url.net/devrel-PE-demo>

Developer Self-Service: Onboarding an app
with automated observability & security



Open
Feature



kube-bench



kube-hunter



Use Case: Automated FinOps @ Bank



Devs provision resource

Request

Azure Virtual Machine Self-Service
Request for Windows and Linux Virtual Machines

Tag Details

Options

- Is this request for a Technical Service?
- Alphabet Application in draft / planning state?

*Application Id

Nedbank Business Authenticator

*Maintenance Slot

After Business Hours only

*Environment

Quality Assurance

*Business Hours

Next Business Day (Mon-Fri)

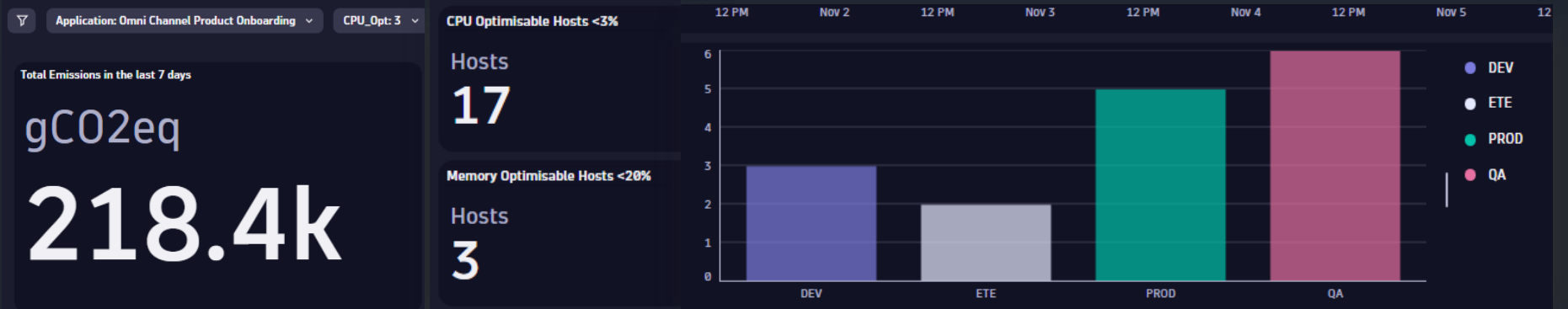
*Snoozing Options

Please Select

- Option-0 (No Snooze)
- Option-1 (Mon-Fri 7.00pm to 6.00am)
- Option-2 (Mon-Fri 11.00pm to 6.00am)
- Option-3 (Mon-Sun 7.00pm to 6.00am)**
- Option-4 (Mon-Sun 11.00pm to 6.00am)
- Option-5 (Fri-Mon 7.00pm to 6.00am)



SRE / FinOps have observability to and optimize Carbon & Costs across all environments



Emissions in the last 7 days by Hypervisor - gCO2eq

Hypervisor	gCO2eq
VMWARE	15,914.7
AWS_NITRO	75,566.13
LPAR	227,477.44

60%

Cost Reduction Target

Use Case: Self-Service Feature Flagging



Developer adds OpenFeature

```
OpenFeature.setProvider(new MyProvider());  
  
const featureFlags = OpenFeature.getClient();  
  
const withCows = await featureFlags.getBooleanValue("with-cows", false);  
if (withCows) {  
  res.send(cowsay.say({ text: "Hello, world!" }));  
} else {  
  res.send("Hello, world!");  
}
```



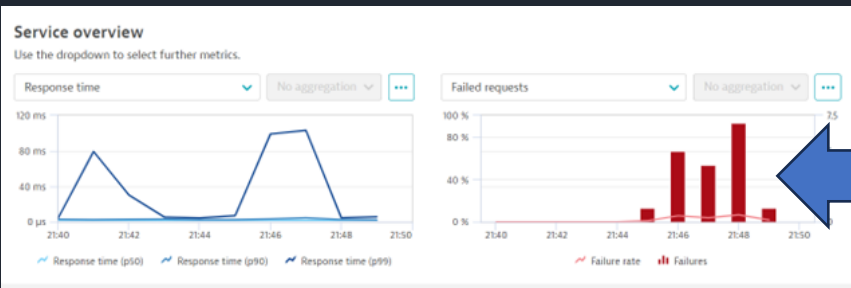
DevOps control rollout of new features via Git, e.g: flagd provider

The screenshot shows the Argo CD web interface. On the left is a sidebar with navigation options: Applications, Settings, User Info, and Documentation. The main area displays the 'feature-flags' resource details for the 'gartner-demo' namespace. The resource is in an 'OutOfSync' state. Below the details, there is a 'LIVE MANIFEST' and a 'DESIRED MANIFEST' comparison. The 'DESIRED MANIFEST' shows a change in the 'defaultVariant' for the 'enable-new-feature' flag from 'false' to 'true'. A blue arrow points from the code block in the first panel to this comparison table.

NAME	VALUE	NAME	VALUE
KIND	FeatureFlag		
NAME	feature-flags		
NAMESPACE	gartner-demo		
CREATED AT	02/29/2024 17:33:41 (4 hours ago)		
STATUS	OutOfSync		
LINKS			
LIVE MANIFEST			
64	red: '#b01c1c'	64	red: '#b01c1c'
65	enable-new-feature:	65	enable-new-feature:
66	defaultVariant: 'false'	66	defaultVariant: 'true'
67	state: ENABLED	67	state: ENABLED
68	variants:	68	variants:
DESIRED MANIFEST			



Developer gets immediate feedback



Tip: Follow Cloud Native Best Practices

Community providing practices on releases / apps



Labels

In order to take full advantage of using these labels, they should be applied on every resource object.

Key	Description
app.kubernetes.io/name	The name of the application
app.kubernetes.io/instance	A unique name identifying the instance of an application
app.kubernetes.io/version	The current version of the application (e.g., a SemVer 1.0, revision hash, etc.)
app.kubernetes.io/component	The component within the architecture
app.kubernetes.io/part-of	The name of a higher level application this one is part of
app.kubernetes.io/managed-by	The tool being used to manage the operation of an application

```
kind: Deployment
metadata:
  name: accountservice
spec:
  selector:
    matchLabels:
      app: accountservice
  template:
    metadata:
      labels:
        app: accountservice
        app.kubernetes.io/version: 44e1878
        app.kubernetes.io/part-of: easytrade
        dt.owner: team-workshop
```



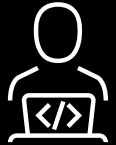
Devs: Label your CRDs



SREs:
Get release-aware
observability

Name	Version	Page	Product
contentcreator.easytrade	44e1877	easytrade	easytrade
simplenode.simplenode-dev	3.0.2	simplenode-	simplenode-product
offerservice.easytrade	44e1877	easytrade	easytrade
accountservice.easytrade	44e1878	easytrade	easytrade
engine.easytrade	44e1877	easytrade	easytrade
aggregator-service-*.easytrade	44e1877	easytrade	easytrade

Use Case: Self-Service Onboarding @ Dynatrace

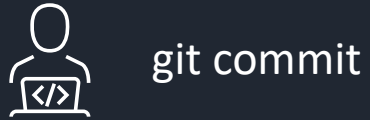


The collage shows four screenshots from different tools:

- Jira:** A workflow action configuration for 'Send email' with details like 'Type: ValueIncrement', 'Priority: Undefined', and 'Component/s: Cloud Automation'.
- Dynatrace:** A 'Create a new component' screen for 'DTP Application Onboarding' with a list of tasks like 'Create catalog-info.yaml in the app source code'.
- Bitbucket:** A repository view for 'email-app' showing a 'changeset' in the 'src' directory.
- Gitpod:** A 'New Workspace' creation screen for 'email-app' with options for 'VS Code' and 'Standard' environment.



Tip: Platform Observability from git to prod



Backstage

Jenkins

HARBOR

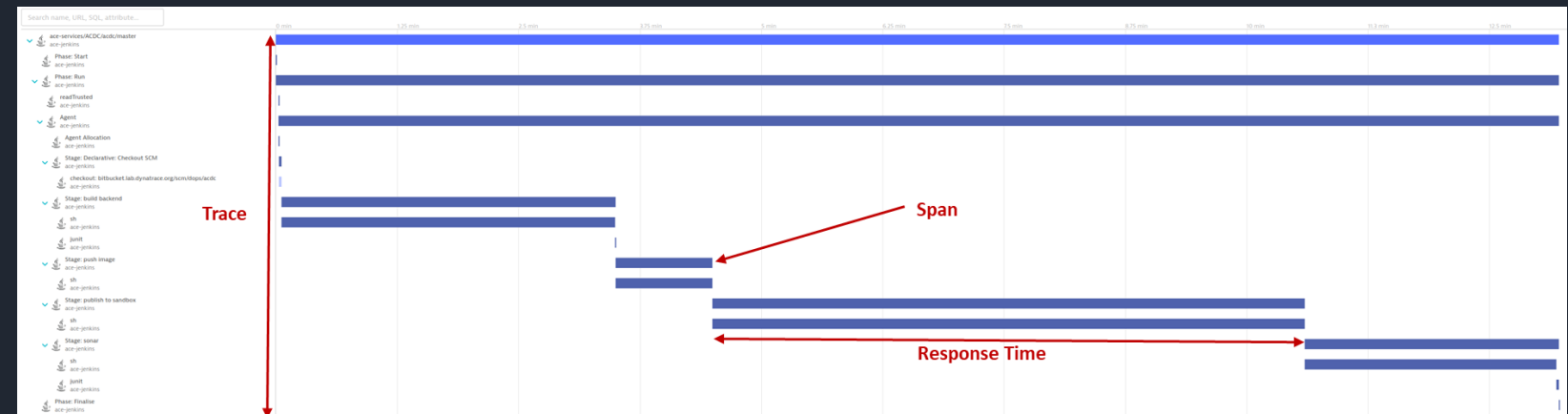
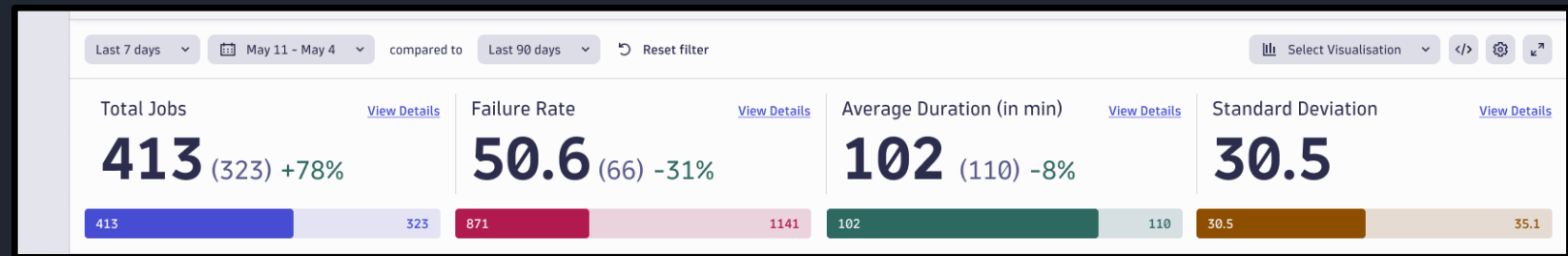
Kyverno

Argo CD

Crossplane



Platform Engineering: Do we have any issues and bottlenecks in our pipelines?



Tip: Platform Observability from git to prod



git commit

 Backstage

 Jenkins

 HARBOR

 Kyverno

 Argo CD

 Crossplane



Platform Engineering: Is our container registry running smoothly? Which teams use it?



Tip: Platform Observability from git to prod

git commit

Backstage

Jenkins

HARBOR

Kyverno

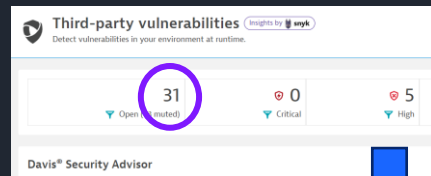
Argo CD

Crossplane

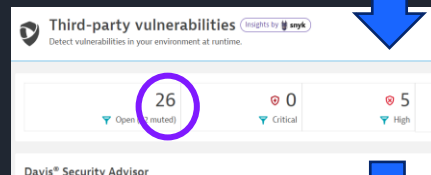


Platform Engineering: No vulnerabilities in prod? All policies enforced?

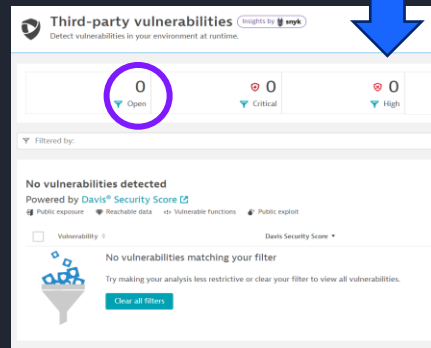
DEV



HARDENING

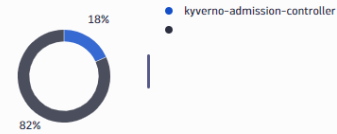


PROD

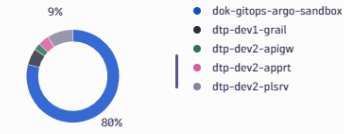


Policy insights

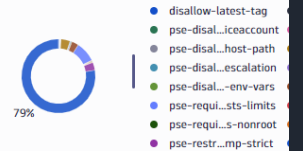
K8S with/without admission controller



Policy violations by cluster



Violations by policy



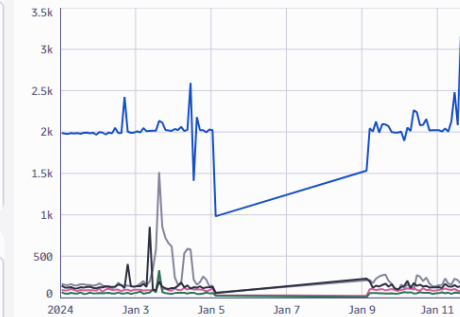
k8s clusters without admission controller

entity.name	k8s.admissioncontroller.entity.name
K8s Cloud Automation Dev claus-dev-01-us-east-1-cluster	
SPINE Dev	
doaks-dev-dok-daily	
doaks-dev-e2e-private	
doaks-dev-priv-ajoskowski	
doaks-dev-readinesse2e-westeu	
dogke-dev-dok-daily	

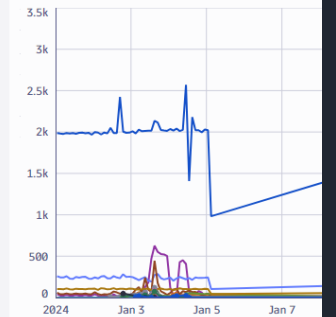
k8s clusters with admission controller

entity.name	k8s.admissioncontroller.entity.name
dok-gitops-argo-dev	kyverno-admission-controller
dok-gitops-argo-sandbox	kyverno-admission-controller
ntp-dev-csc-central-services	kyverno-admission-controller
ntp-dev1-grail	kyverno-admission-controller
ntp-dev2-apigw	kyverno-admission-controller
ntp-dev2-apprt	kyverno-admission-controller

Violations by cluster (trend)



Violations by policy (trend)



Tip: Platform Observability from git to prod



git commit

 Backstage

 Jenkins

 HARBOR

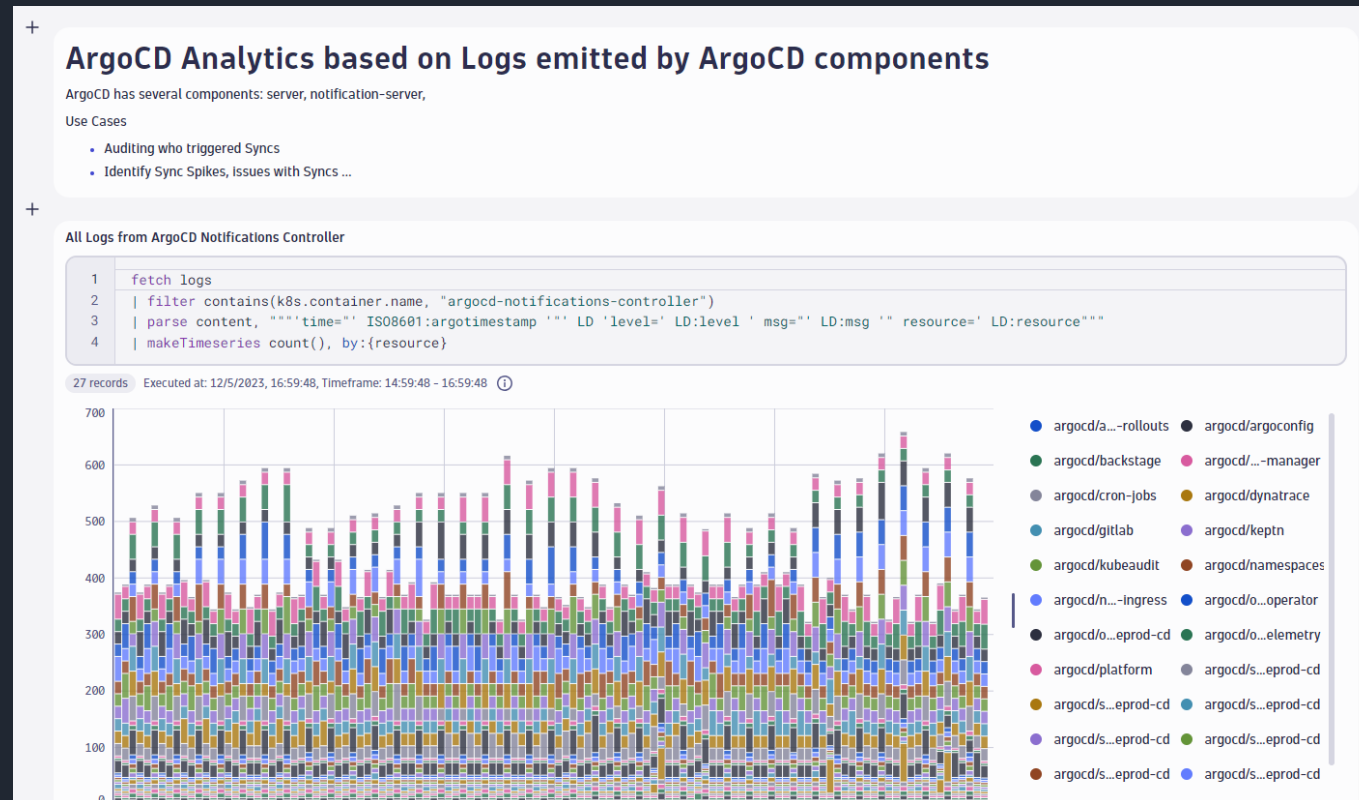
 Kyverno

 Argo CD

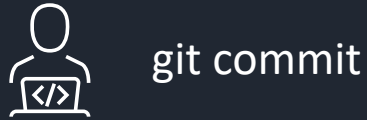
 Crossplane



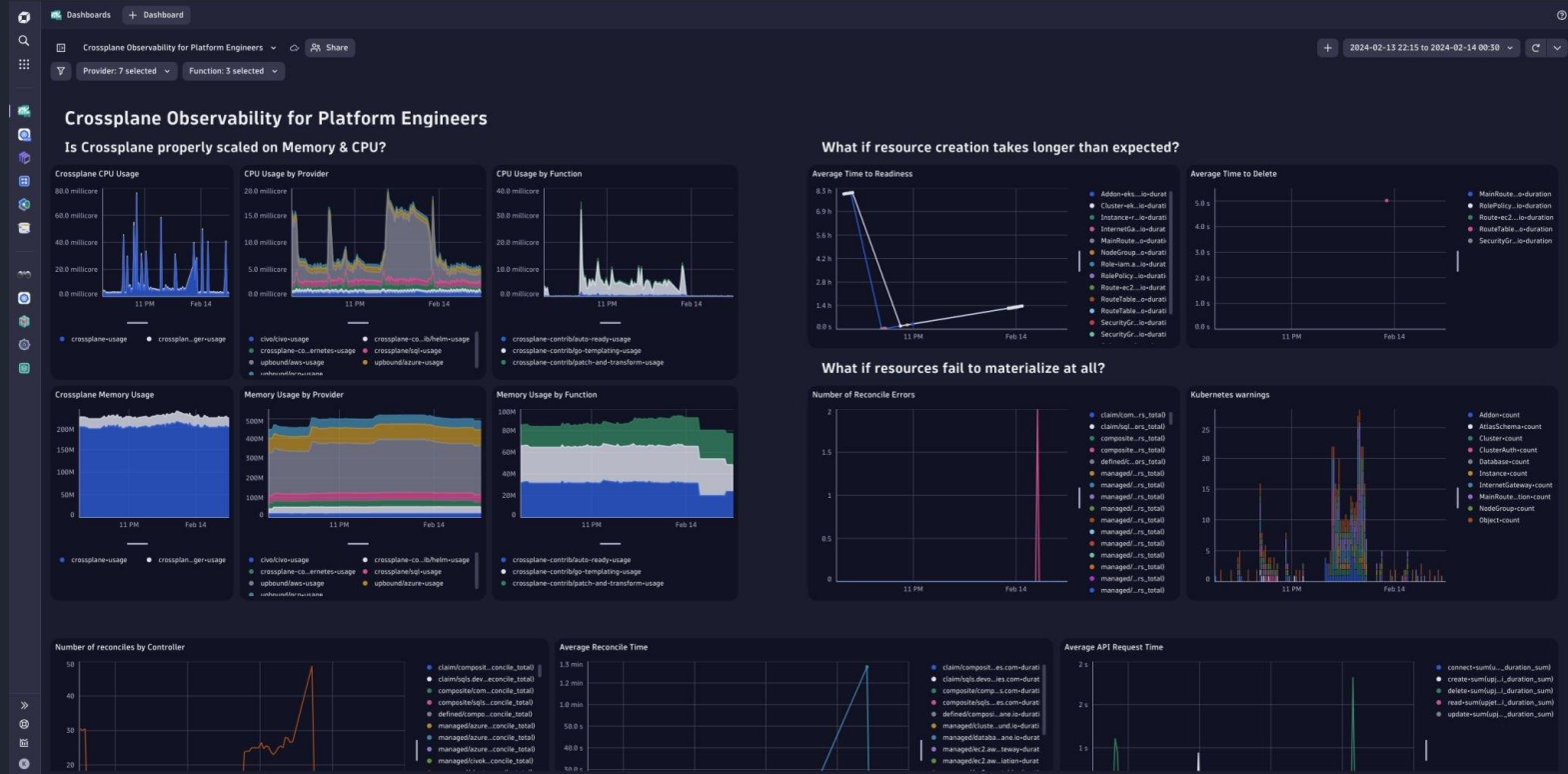
Platform Engineering: How many apps are onboarded? How well does it run?



Tip: Platform Observability from git to prod



Platform Engineering: Can we deploy in-time or do we have issues in stages?



Lets go back to our demo!



<https://dt-url.net/devrel-PE-demo>

Developer Self-Service: Onboarding an app
with automated observability & security



Open
Feature



Successful Platform Engineering: Hype vs Reality!

Status Quo

~40%

of engineering time
is productive

~36%

of developers leave because of
bad developer experiences

Lessons learned on how to get there



Find the **pain** points



Have a clear **mission**



Design for **DevExperience**



Start with the **TVP**



Make everything **observable**

What we see

~83%

of engineering time is
productive

~66%

report increased dev efficiency /
dev experience

All the resources in one slide



Report

"State of DevOps 2023"



CNCF White Paper

"WG on Platform Engineering"



GitHub Tutorial

<https://dt-url.net/devrel-PE-demo>



OpenGitOps

<https://opengitops.dev/>



Katharina Sick

<https://ksick.dev/>

Thank You

From DevOps to Platform Engineering and Beyond!



PRESENTER

Andreas Grabner
CNCF Ambassador
@grabnerandi

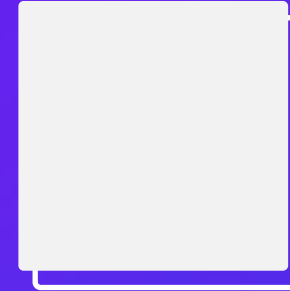


OpenFeature



Demo Backup Images

IN CASE GITHUB CODESPACES DON'T WORK!!!



PRESENTER

v2.11.3+3f344d5

APPLICATIONS TILES

+ NEW APP
SYNC APPS
REFRESH APPS

Log out

Previous 1 2 Next
Sort: name ▾ Items per page: 10 ▾

argo-rollouts ☆

Project: default

Labels: app.kubernetes.io/instance=platform, d...

Status: ♥ Healthy ✔ Synced

Reposit...: https://github.com/grabnerandi/platfor...

Target R...: main

Path: gitops/manifests/platform/argo-rollouts

Destinat...: in-cluster

Namesp...: argo-rollouts

Created ...: 06/12/2024 22:18:59 (12 minutes ago)

Last Syn...: 06/12/2024 22:19:44 (11 minutes ago)

SYNC
REFRESH
DELETE

argoconfig ☆

Project: default

Labels: app.kubernetes.io/instance=platform, d...

Status: ♥ Healthy ✔ Synced

Reposit...: https://github.com/grabnerandi/platfor...

Target R...: main

Path: gitops/manifests/platform/argoconfig

Destinat...: in-cluster

Namesp...: argocd

Created ...: 06/12/2024 22:18:54 (12 minutes ago)

Last Syn...: 06/12/2024 22:18:56 (12 minutes ago)

SYNC
REFRESH
DELETE

backstage ☆

Project: default

Labels: app.kubernetes.io/instance=platform, d...

Status: ♥ Healthy ✔ Synced

Reposit...: https://github.com/grabnerandi/platfor...

Target R...: main

Path: gitops/manifests/platform/backstage

Destinat...: in-cluster

Namesp...: backstage

Created ...: 06/12/2024 22:19:20 (11 minutes ago)

Last Syn...: 06/12/2024 22:19:35 (11 minutes ago)

SYNC
REFRESH
DELETE

cert-manager ☆

Project: default

Labels: app.kubernetes.io/instance=platform, d...

Status: ♥ Healthy ✔ Synced

Reposit...: https://charts.jetstack.io

Target R...: v1.14.3

Chart: cert-manager

Destinat...: in-cluster

Namesp...: cert-manager

Created ...: 06/12/2024 22:18:59 (12 minutes ago)

Last Syn...: 06/12/2024 22:21:32 (9 minutes ago)

SYNC
REFRESH
DELETE

cron-jobs ☆

Project: default

Labels: app.kubernetes.io/instance=platform, d...

Status: ♥ Healthy ✔ Synced

Reposit...: https://github.com/grabnerandi/platfor...

Target R...: main

Path: gitops/manifests/platform/cronJobs

Destinat...: in-cluster

Namesp...: cronjobs

Created ...: 06/12/2024 22:19:31 (11 minutes ago)

Last Syn...: 06/12/2024 22:19:38 (11 minutes ago)

SYNC
REFRESH
DELETE

dynatrace ☆

Project: default

Labels: app.kubernetes.io/instance=platform, d...

Status: ♥ Healthy ✔ Synced

Reposit...: https://github.com/grabnerandi/platfor...

Target R...: main

Path: gitops/manifests/platform/dynatrace

Destinat...: in-cluster

Namesp...: dynatrace

Created ...: 06/12/2024 22:18:56 (12 minutes ago)

Last Syn...: 06/12/2024 22:25:40 (5 minutes ago)

SYNC
REFRESH
DELETE

ingress-nginx ☆

Project: default

Labels: app.kubernetes.io/instance=platform, d...

Status: ♥ Healthy ✔ Synced

Reposit...: https://github.com/grabnerandi/platfor...

Target R...: main

Path: gitops/manifests/platform/ingress-nginx

Destinat...: in-cluster

Namesp...: ingress-nginx

Created ...: 06/12/2024 22:18:59 (12 minutes ago)

Last Syn...: 06/12/2024 22:19:02 (12 minutes ago)

SYNC
REFRESH
DELETE

keptn ☆

Project: default

Labels: app.kubernetes.io/instance=platform, d...

Status: ♥ Healthy ✔ Synced

Reposit...: https://charts.lifecycle.keptn.sh

Target R...: 0.6.0

Chart: keptn

Destinat...: in-cluster

Namesp...: keptn

Created ...: 06/12/2024 22:19:11 (11 minutes ago)

Last Syn...: 06/12/2024 22:21:38 (9 minutes ago)

SYNC
REFRESH
DELETE

kubeaudit ☆

Project: default

Labels: app.kubernetes.io/instance=platform, d...

Status: ♥ Healthy ✔ Synced

Reposit...: https://github.com/grabnerandi/platfor...

namespaces ☆

Project: default

Labels: app.kubernetes.io/instance=platform, d...

Status: ♥ Healthy ✔ Synced

Reposit...: https://github.com/grabnerandi/platfor...

Applications

Settings

User Info

Documentation

★ Favorites Only

SYNC STATUS

Unknown 0

Synced 15

OutOfSync 0

HEALTH STATUS

Unknown 0

Progressing 1

Suspended 0

Healthy 14

Degraded 0

Missing 0

LABELS

LABELS

PROJECTS

PROJECTS

CLUSTERS

CLUSTERS

NAMESPACES

NAMESPACES

Create a New Application

Create a new application from a template

1

Choose a Project

2

Your Team's Details

3

Application Details

4

Review

Choose a Project

simplenodeservice

Which project would you like to deploy?

BACK

NEXT

Create a New Application

Create a new application from a template



Choose a Project



Your Team's Details



Application Details



Review

Team identifier *

team01



Your unique internal team identifier (eg. team01)

Full name of the team *

Team 01

Your real team name (eg. Team Best App Ever)

Team Email *

team01@example.com

Dummy email to reach your team (eg. team01@example.com)

BACK

NEXT

Create a New Application

Create a new application from a template



Choose a Project



Your Team's Details



Application Details



Review

Application Version *

1.0.2

SemVer eg. 1.0.2

Software Lifecycle Stage *

preprod

Which stage is this software in? (eg. preprod)

DORA metric tracking enabled? *

enabled

Enable automatic DORA metric and OpenTelemetry trace generation for this application?

Scan this app automatically and push results to Dynatrace?

Include Security scans?

Include level 1 (basic) Dynatrace Configuration as Code for this application?

Include Dynatrace Configuration?

Search

Home

APIs

Docs

Create...

Tech Radar

Notifications

Settings

Create a New Application

Create a new application from a template



Choose a Project



Your Team's Details



Application Details



Review

Project Name	simplenodeservice
Team Identifier	team01
Team Full Name	Team 01
Team Email	team01@example.com
App Version	1.0.2
Release Stage	preprod
Dora Enabled	enabled
Include Security Scans	<input checked="" type="checkbox"/>
Include DT Config	<input checked="" type="checkbox"/>

BACK

CREATE

New App Onboarding: simplenodeservice-team01-preprod #1

Edit <> Code ▾

🔗 Merged github-actions merged 1 commit into `main` from `simplenodeservice-team01-preprod` 10 minutes ago

💬 Conversation 0 -🔗 Commits 1 📄 Checks 1 📄 Files changed 17 +773 -0

👤 grabnerandi commented 11 minutes ago Owner ⋮

A new application is coming! simplenodeservice from team01 in preprod is ready for review.

😊

Reviewers ⚙
No reviews

Assignees ⚙
No one—[assign yourself](#)

Labels ⚙
None yet

Projects ⚙
None yet

Milestone ⚙
No milestone

Notifications Customize

🔗 👤 New App Onboarding: simplenodeservice-team01-preprod ✓ 4e8d21c

🔗 🤖 github-actions bot merged commit `937de55` into `main` 10 minutes ago View details Revert

1 check passed

🔗 🤖 github-actions bot deleted the `simplenodeservice-team01-preprod` branch 10 minutes ago Restore branch

👤 Add a comment

Write Preview

H B I ≡ <> 🔗 ⋮ ⋮ 🗑 📎 @ 🗨 ⬅ 🗑

Filter changed files

- customer-apps/simplenodeservice-...
 - argohookjobs.yml
 - backstagetemplates
 - docs
 - ingress.yml
 - monaco
 - namespace.yml
 - rolebinding.yml
 - rollout.yml
 - securityScanJob.yml
 - service.yml
 - workflow-post-sync-apply-mo...

58 customer-apps/simplenodeservice-team01-preprod/rollout.yml

```
3 + kind: Rollout
4 + metadata:
5 +   name: "simplenodeservice-team01"
6 +   namespace: "simplenodeservice-team01-preprod"
7 +   labels:
8 +     dt.owner: "team01"
9 + spec:
10 +   replicas: 2
11 +   strategy:
12 +     canary:
13 +       steps:
14 +         - setWeight: 50
15 +         - pause: {duration: 5s}
16 +         - setWeight: 100
17 +   revisionHistoryLimit: 0
18 +   selector:
19 +     matchLabels:
20 +       app.kubernetes.io/name: userinterface
21 +   template:
22 +     metadata:
23 +       labels:
24 +         dt.owner: "team01"
25 +         app.kubernetes.io/name: userinterface
26 +         app.kubernetes.io/part-of: "simplenodeservice-
27 +           team01"
27 +         app.kubernetes.io/version: "1.0.2"
28 +         dynatrace-release-stage: "preprod"
29 +         backstage.io/component:
30 +           "default.simplenodeservice-team01-preprod"
30 +   spec:
31 +     containers:
```

- DETAILS
- DIFF
- SYNC
- SYNC STATUS
- HISTORY AND ROLLBACK
- DELETE
- REFRESH

APP HEALTH ●

Progressing

SYNC STATUS ●

Synced to HEAD (937de55)

Auto sync is enabled.

Loading...

LAST SYNC ●

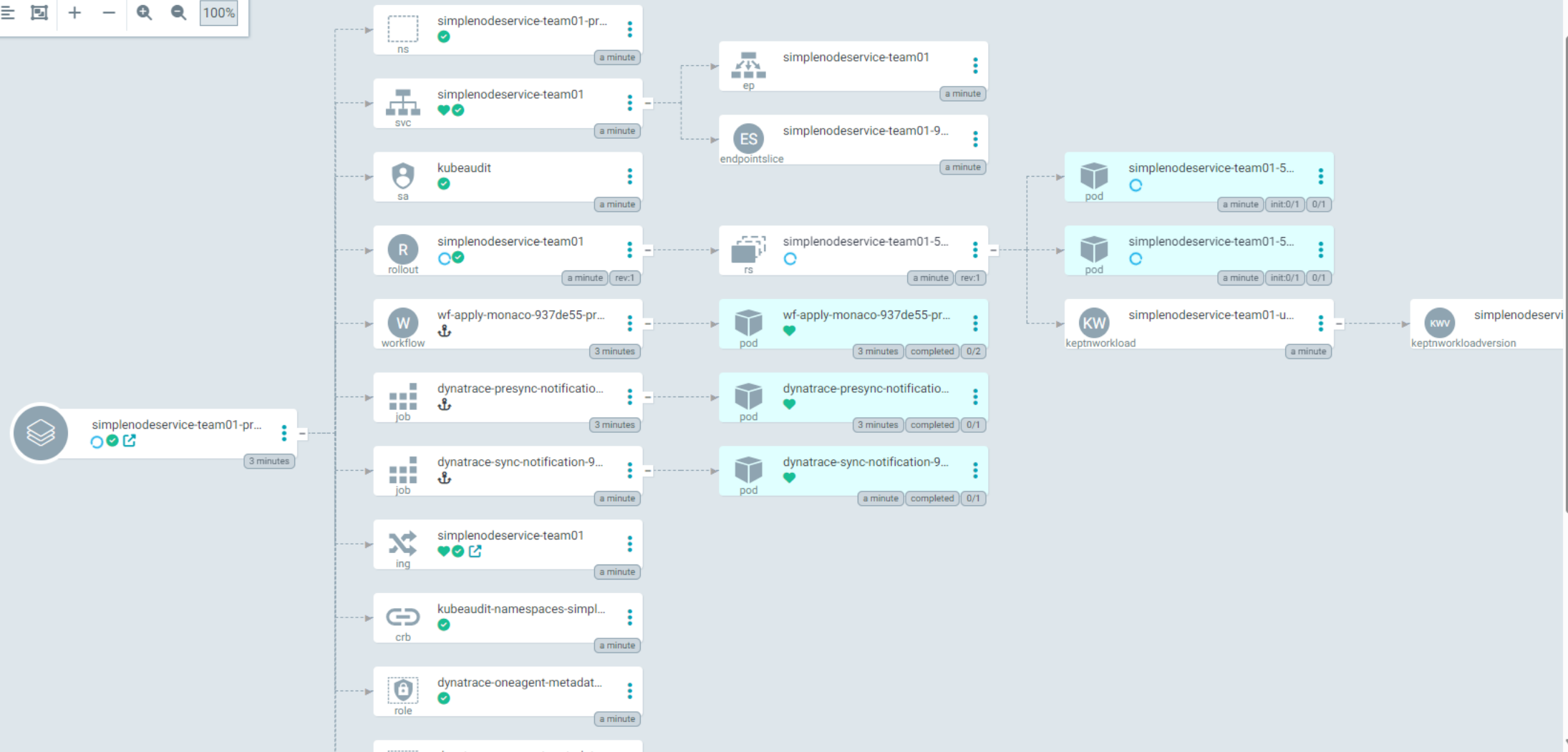
Syncing

Running a few seconds ago (Wed Jun 12 2024 22:30:51 GMT+0200)

waiting for healthy state of argoproj.io/Rollout/simplenodeservice-team01

- NAME
- NAME
- KINDS
- KINDS
- SYNC STATUS
- Synced 9
- OutOfSync 0
- HEALTH STATUS
- Healthy 2
- Progressing 1
- Degraded 0
- Suspended 0
- Missing 0
- Unknown 0
- NAMESPACES
- NAMESPACES

100%



Search

CREATE

SUPPORT

Home

APIs

Docs

Create...

Tech Radar

Notifications

Settings

Kind

Component

Type

all

PERSONAL

Owned 0
Starred 0

DT HOT DAY - BACKSTAGE

All 1

OWNER

PROCESSING STATUS

All components (1)

Filter

NAME	SYSTEM	OWNER	TYPE	LIFECYCLE	DESCRIPTION	TAGS	ACTIONS
simplenode-service-team01-preprod		Team 01	website	preprod	Template for the...		

Search

OVERVIEW

KUBERNETES

CI/CD

DEPENDENCIES

DOCS

About



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DESCRIPTION

Template for the simplenodeservice owned and operated by team01 in environment preprod

OWNER

Team 01

SYSTEM

No System

TYPE

website

LIFECYCLE

preprod

TAGS

No Tags

Relations

group:team01

ownerOf / ownedBy

simplenodeservice-team01-preprod


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Notifications

Settings

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 [Dynatrace community](#)






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 [View in Dynatrace](#)

Kubernetes Deployments

 Filter 

WORKLOAD	CLUSTER	NAMESPACE	PROBLEMS	VULNERABILITIES	LOGS	ENVIRONMENT
simplenodeservice-team01-5c8647f4c4	platform-engineering-demo	simplenodeservice-team01-preprod	0	0	Show logs	hci34192

3 rows    1-1 of 1  

Dynatrace Logs

 Filter 

TIMESTAMP	CONTENT
2024-06-12T20:30:05.458000000Z	<pre>{"level":"info","ts":"2024-06-12T20:30:05.458Z","logger":"injection-startup","msg":"creating standalone runner"}</pre>
2024-06-12T20:30:05.458000000Z	<pre>{"level":"info","ts":"2024-06-12T20:30:05.458Z","logger":"injection-startup","msg":"checking envvars"}</pre>

We turned up empty

Query `custom.validations` did not return any data for component `default.simplenodeservice-team01-preprod`.

If you recently added the component, it may take a few minutes for Dynatrace to start reporting data. If the component has been running for a while, it may not be reporting data. Please check that your component is indeed reporting data to Dynatrace and, in case you



Filter by + Add filter

- Clusters
- Nodes
- Namespaces
- Workloads
 - Deployments
 - DaemonSets
 - StatefulSets
 - ReplicaSets
 - Replication Controllers
 - Jobs
 - CronJobs
 - Other workloads
- Pods**
- Services
- Containers

Pods 177 ⓘ

Health Utilization Metadata 1

Pod ↑	State ↓
accountservice-7db7869cf-wl89k	Running
aggregator-service-584d4bfd-djp...	Running
alertmanager-main-0	Running
alertmanager-main-1	Running
alertmanager-main-2	Running
argo-rollouts-d4cddd95d-tp45w	Running
argocd-application-controller-0	Running
argocd-application-controller-0	Running
argocd-application-controller-0	Running
argocd-applicationset-controller-...	Running
argocd-applicationset-controller-...	Running
argocd-applicationset-controller-...	Running
argocd-applicationset-controller-...	Running
argocd-dex-server-66779d96df-z...	Running
argocd-dex-server-75b5b88965-...	Running
argocd-dex-server-bb76f899c-7q...	Running
argocd-notifications-controller-5...	Running
argocd-notifications-controller-6...	Running
argocd-notifications-controller-c...	Running
argocd-redis-79c755c747-ktpm6	Running
argocd-redis-7bf7cb9748-88jws	Running
argocd-redis-b5d6bf5f5-r6tcg	Running
argocd-repo-server-56998dcf9c-...	Running
argocd-repo-server-795d79dfb6-...	Running
argocd-repo-server-854479f796-...	Running
argocd-server-544b7f897d-276bj	Running
argocd-server-5d8d596cbd-f7ccf	Running
argocd-server-5dc8558687-dsbrx	Running
aws-node-6j7gp	Running
aws-node-h7pmg	Running
aws-node-xm8lj	Running

simplenodeservice-team01-5c8647f4c4

Workload

Davis® AI Health status Security status

0 Problems Conditions CPU Memory Pods Containers No vulnerabilities ⓘ

Overview Info Utilization Logs Events Problems SLOs Ownership Vulnerabilities

Workload utilization View in utilization

CPU

Usage: 7 millicore

Requests: 10 millicore

Limits: 0 millicore

Memory

Usage: 108 MiB

Requests: 6 MiB

Limits: 0 B

Pods

Running: 2

Desired: 2

Pods 2 View in pods list

Pods with restarting containers: None

Pending pods: None

Failed pods: None

Pods with warning events: None

APM Services Go to Services

Labels Search labels...

app.kubernetes.io/name : userinterface app.kubernetes.io/part-of : simplenodeservice-team01 app.kubernetes.io/version : 1.0.2

backstage.io/component : default.simplenodeservice-team01-preprod dt.owner : team01 2 more...

Annotations Search annotations...

rollout.argoproj.io/desired-replicas : 2 rollout.argoproj.io/revision : 1

Platform Feedback Form

Imagine you need to collect feedback from your users. Don't make them email you, a web form is much nicer!

1

Feedback Form

2

Review

Feedback Type

An existing platform feature could be improved...

Which project would you like to deploy?

Your Name (optional)

Andi

(optional) Your name

Leave your feedback below

WE WANT MORE ...|

Tick this box if you want email updates on this item to be sent from the platform team.

Stay informed of progress on this item?

Create a new component

Create new software components using standard templates in your organization

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Home

APIs

Docs

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Tech Radar

Notifications

Settings

Platform Feedback Form

Imagine you need to collect feedback from your users. Don't make them email you, a web form is much nicer!



Feedback Form



Review

Feedback Type	An existing platform feature could be improved...
User Identifier	Andi
Feedback	WE WANT MORE
Keep Me Informed	<input checked="" type="checkbox"/>

BACK

CREATE

application

Select an option

Dynatrace Platform Engineering Observability Cockpit

Pick your team from the variable

Platform Adoption Overview

Applications Added

0 new applications

Applications Degraded

0 new applications

New Feature Ideas

0 new applications

Improvement Suggestions

1 new applications

Praise / Thanks

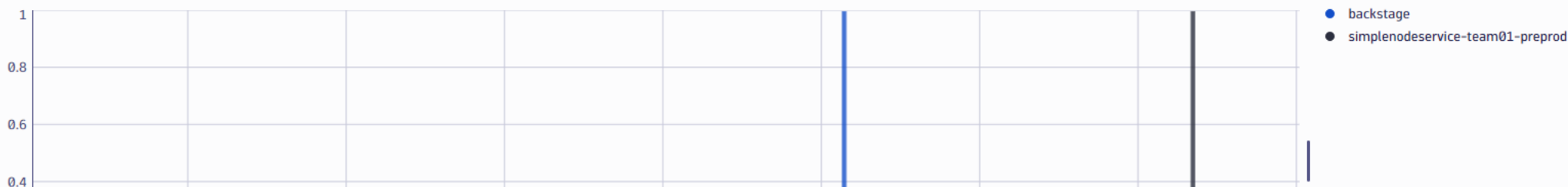
0 new applications

Bug Reports

0 new applications

timestamp	event.name	feedback	stay-informed	type	user
6/12/2024, 10:44:50 PM	i Platform Feedback i	WE WANT MORE	true	improvement	Andi

ArgoCD Sync Events per Argo Application



- DETAILS
- DIFF
- SYNC
- SYNC STATUS
- HISTORY AND ROLLBACK
- DELETE
- REFRESH

APP HEALTH **Healthy**

SYNC STATUS **Synced to HEAD (937de55)**

LAST SYNC **Syncing**

Failed to load data, please try again.

Auto sync is enabled.
Author: github-actions[bot] <41898282+github-actions[bot]@users.noreply.githubu...
Comment: Merge pull request #1 from grabnerandi/simplenodeservice-team01-

Running a few seconds ago (Wed Jun 12 2024 22:32:49 GMT+0200)
waiting for completion of hook batch/Job/dynatrace-postsync-notification-937de55-
postsync-1718224080 and 1 more hooks

Navigation icons: list, view, zoom in, zoom out, search, 100%

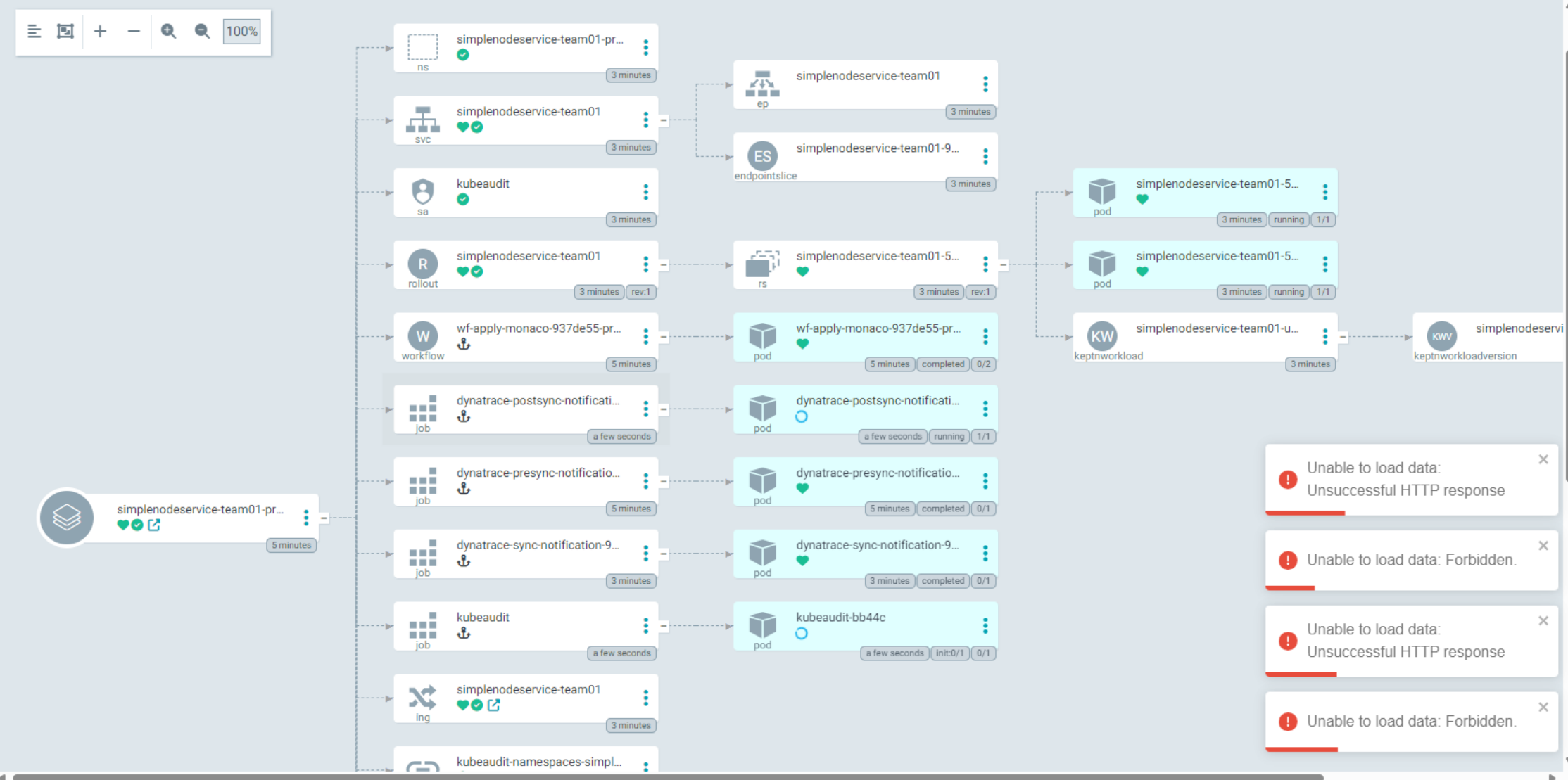
NAME
NAME

KINDS
KINDS

SYNC STATUS
Synced 9
OutOfSync 0

HEALTH STATUS
Healthy 9
Progressing 2
Degraded 0
Suspended 0
Missing 0
Unknown 0

NAMESPACES
NAMESPACES



- Unable to load data: Unsuccessful HTTP response
- Unable to load data: Forbidden.
- Unable to load data: Unsuccessful HTTP response
- Unable to load data: Forbidden.