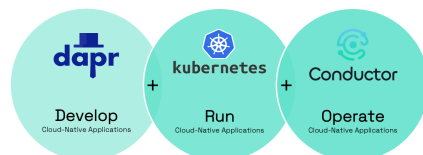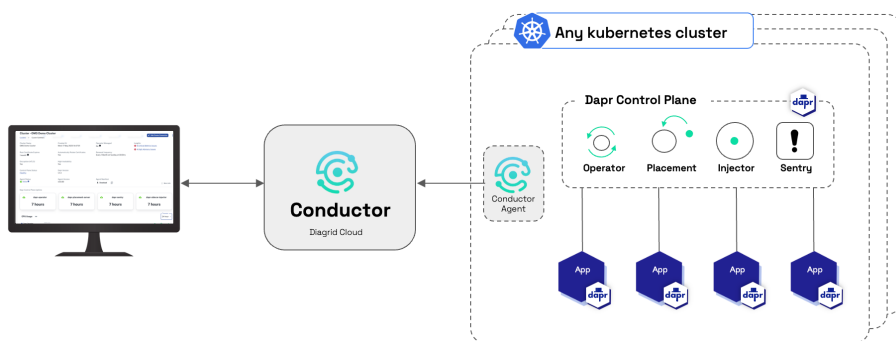# Conductor

Operate Dapr in Production with Confidence

Dapr has emerged as the best way to develop cloud-native applications on Kubernetes, and Kubernetes is the best place to run cloud-native applications. Diagrid Conductor completes the picture as the best way to operate cloud-native applications.

Conductor is a SaaS service – built by the creators of Dapr – that quickly and securely connects to all your Kubernetes clusters running Dapr and Daprized applications, delivering operational excellence, security & reliability, and insights & collaboration. Dapr OSS support can also be included.

"Looking at the wide range of functionality, Diagrid Conductor allows us to run Dapr on AKS with confidence."

**Marvin Zielke,
Software Engineering Manager,
ZEISS Group**

Conductor Free
For individual developers building and testing small-scale Dapr applications on Kubernetes

Conductor Enterprise
For organizations and teams operating business critical Dapr applications in production on Kubernetes

The Diagrid Difference – 100% Dapr, from the source

Production Support
Our customer support team responds to production issues within 4 business hours. Conductor constantly ships new features to improve the service.

Dapr OSS Support
We investigate Dapr production issues, provide temporary patches to priority issues in Dapr OSS upstream and prioritize our OSS engineers for your fixes.

Dapr Architectural Reviews & Training
Dapr architectural reviews and best practices workshops can be held on a one-off or regular basis for your application teams. We can also provide Dapr training.
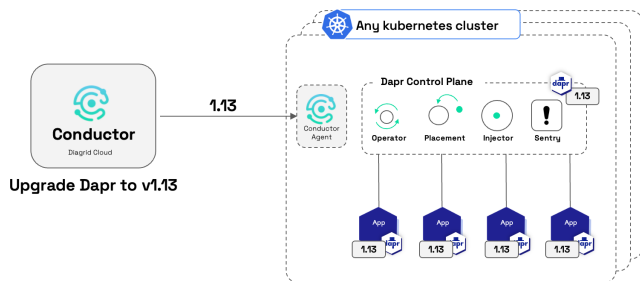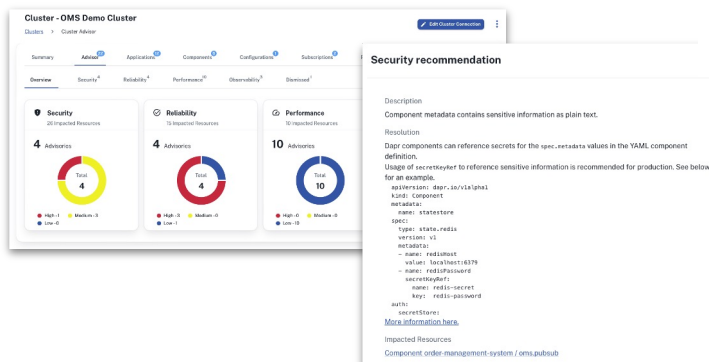
Trusted By:

Automated Dapr Management

One-click installation, upgrade and patching of Dapr with selective application update and automated roll-back means you're always up to date.

Upgrade Dapr to v1.13

Any kubernetes cluster
Dapr Control Plane
Operator · Placement · Injector · Sentry

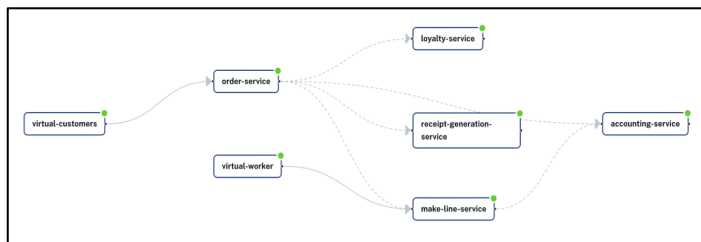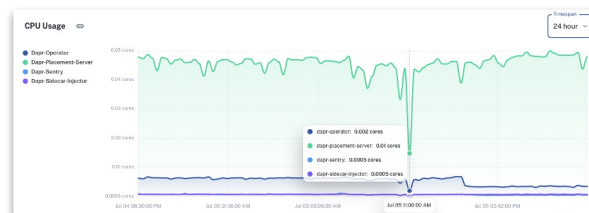Conductor — Diagrid Cloud
Conductor Agent

Advisor: Automated Best Practices

Be informed and apply production best practices, with continuous checking to prevent misconfigurations, increasing security, reliability and performance.

Security recommendation

Description
Component metadata contains sensitive information as plain text.

Resolution
Dapr components can reference secrets for the spec.metadata values in the YAML component definition.
Usage of secretKeyRef to reference sensitive information is recommended for production. See below for an example.

```
apiVersion: dapr.io/v1alpha1
kind: Component
metadata:
  name: statestore
spec:
  type: state.redis
  version: v1
  metadata:
  - name: redisHost
    value: localhost:6379
  - name: redisPassword
    secretKeyRef:
      name: redis-secret
      key: redis-password
  auth:
    secretStore:
```
More information here.

Impacted Resources
Component order-management-system / oms.pubsub

Resource Usage Reporting & Optimization

By studying past resource behavior, recommend application resource optimization usage leading to significant cost savings on CPU and memory.

Application Visualizer

The application graph facilitates collaboration between dev and ops by providing a dynamic overview of your services and infrastructure components.

Operational Excellence

- Optimize resource usage & control costs saving up to 80% infra cost
- Monitor & manage multiple Dapr clusters across any Kubernetes
- Upgrade and downgrade Dapr and apps saving several days each month

Security & Reliability

- Track & apply production best practices saving up to 15 days per year
- Automatically schedule certificate updates with zero downtime
- Stay current with Dapr versions & security patches. Custom OSS patches in 72 hrs.

Insights + Collaboration

- Real-time analysis and alerting on over 150 Dapr metrics
- Diagnose application, error, & latency issues, cutting discovery time by 70%
- Visualize app dependencies & share with team saving up to 10 hours per month

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Signup for free: https://diagrid.ws/pricing
Watch a demo diagrid.ws/conductor_demo

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