AWS User Group Oslo

https://meetup.com/AWS-User-Group-Norway/

About AWS User Group Oslo organizers

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Guest speakers:

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Håkon Drange
(Sopra Steria)

Javier Campa
(AWS UG Asturias)
(Webstep)

Mikael Strand
(Webstep)

DEVOPS
CLOUD-OPS

GENERALLY AVAILABLE

Amazon CloudWatch Pattern Analysis and Anomaly Detection

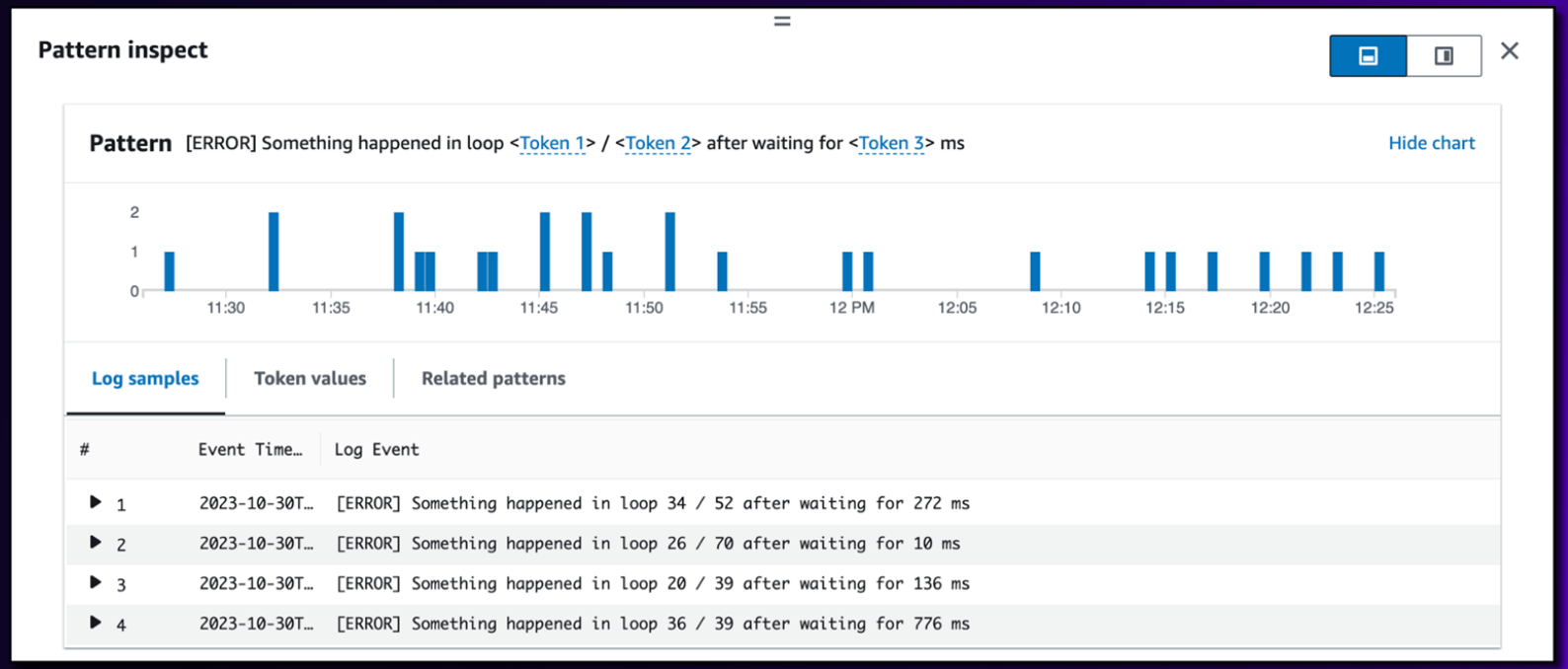
Patterns view visualizes recurring patterns while querying your logs

Compare mode helps you quickly find changes over time

Anomaly detection evaluates incoming logs against historical baselines

GENERALLY AVAILABLE

Amazon CloudWatch Pattern Analysis and Anomaly Detection



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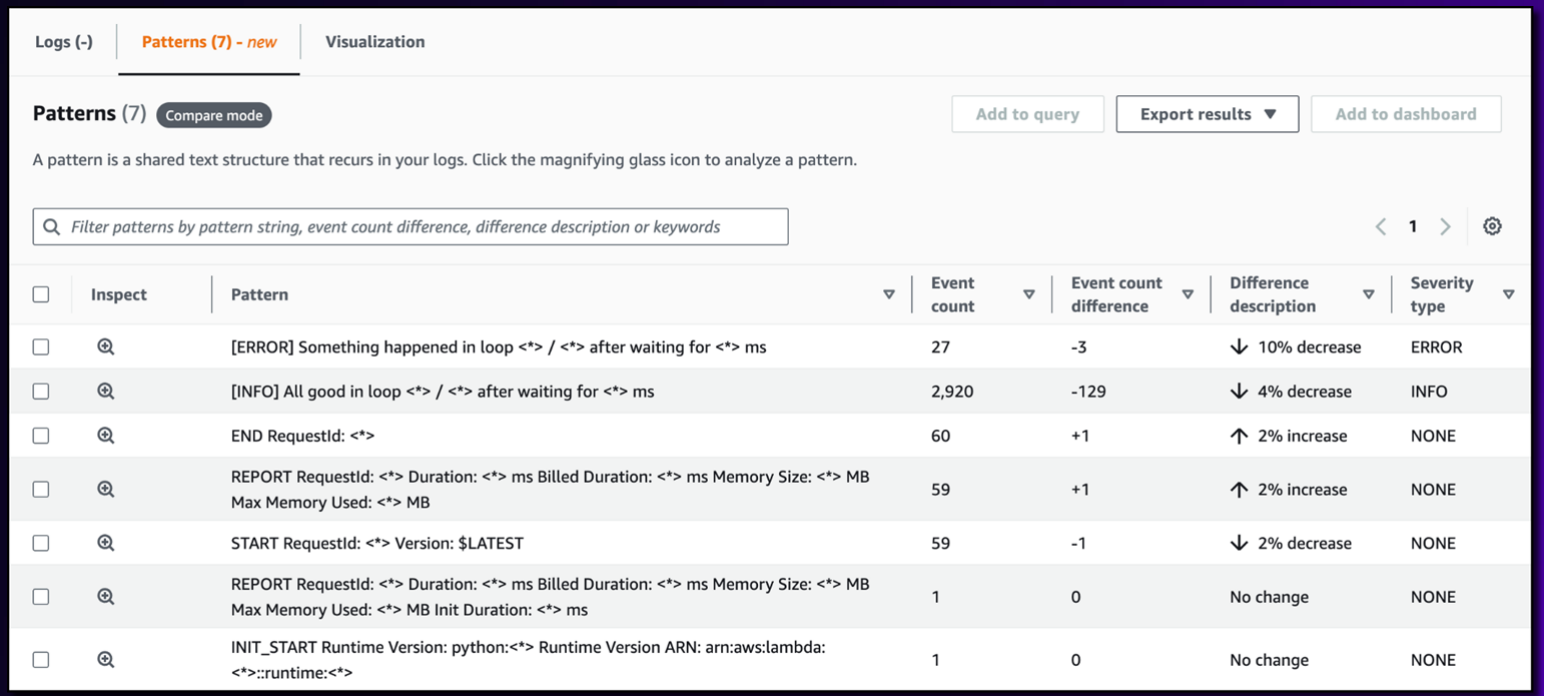
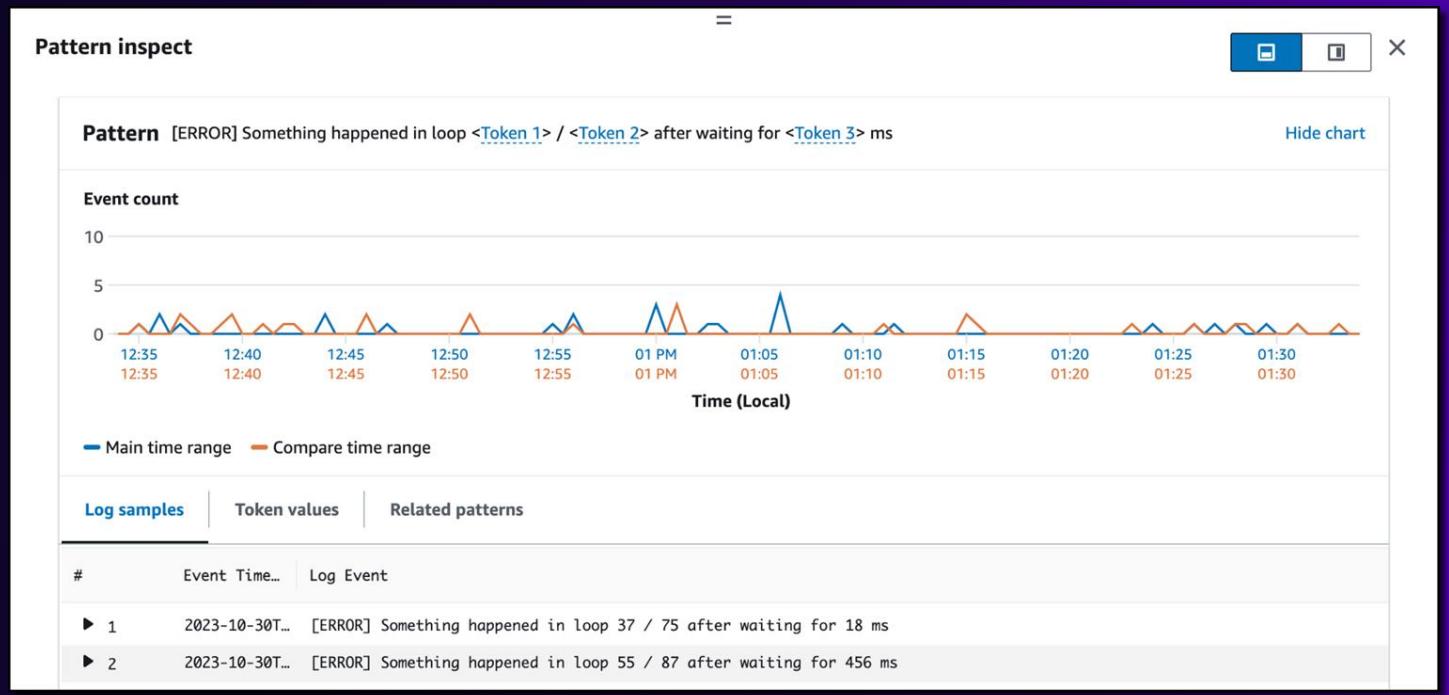
GENERALLY AVAILABLE

Amazon CloudWatch Pattern Analysis and Anomaly Detection





Compare mode helps you quickly find changes over time

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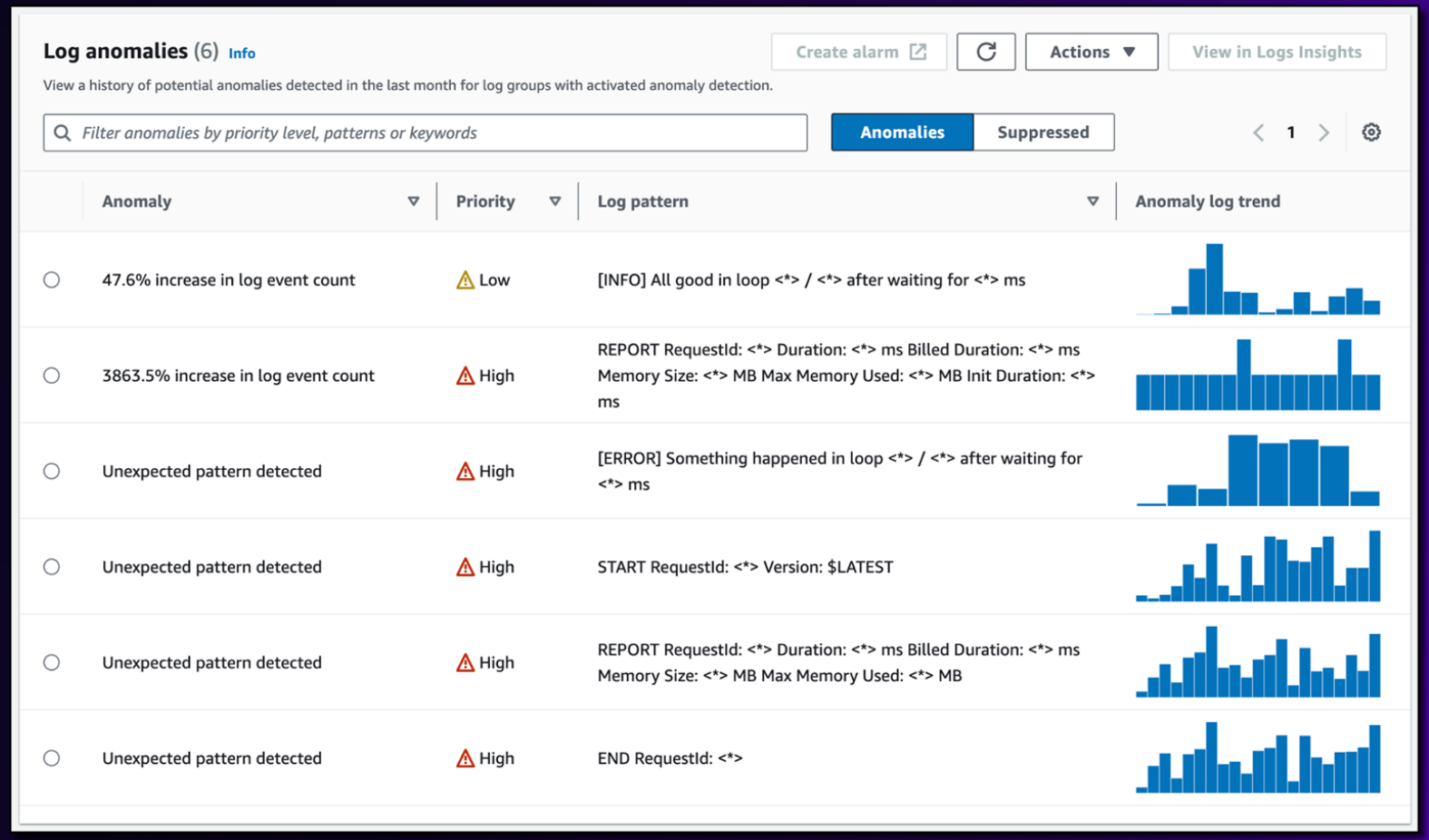
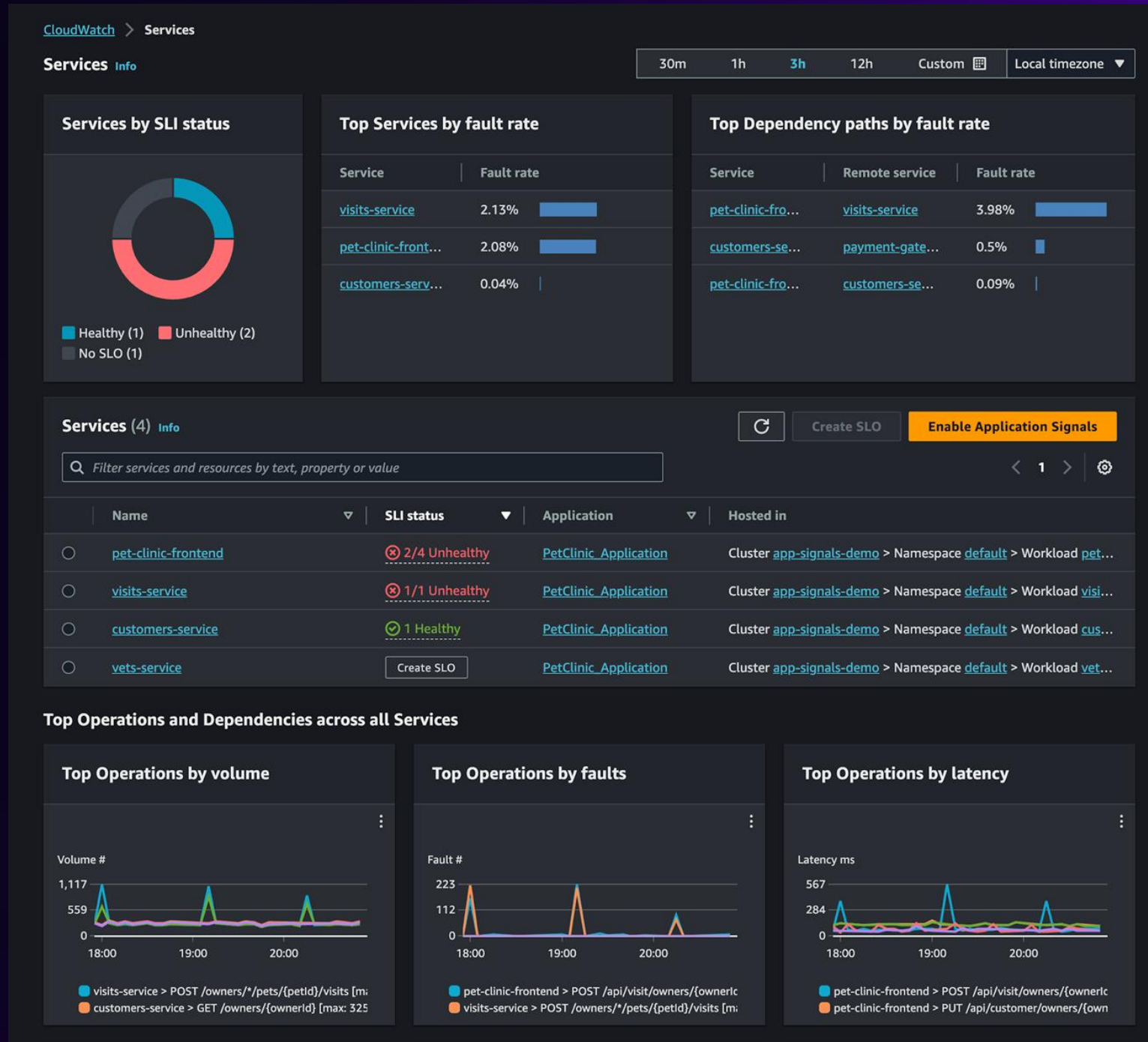
Amazon CloudWatch Pattern Analysis and Anomaly Detection



Anomaly detection evaluates incoming logs against historical baselines

IN PREVIEW

Amazon CloudWatch Application Signals



CloudWatch > Service Level Objectives (SLO)

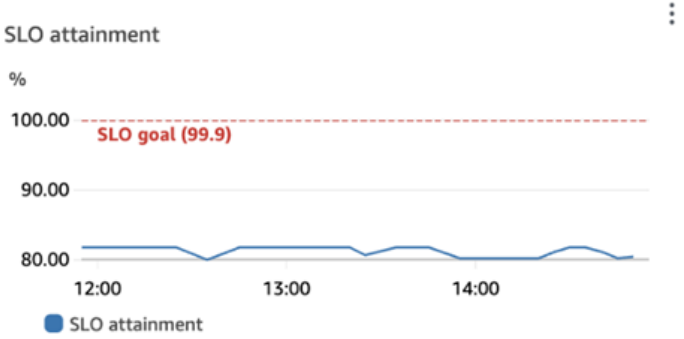
Service Level Objectives (SLO) Info

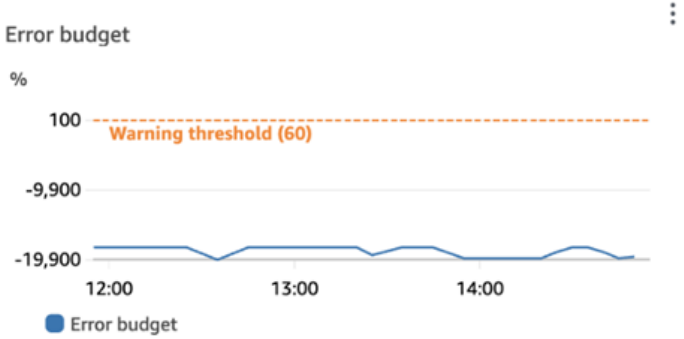
30m | 1h | 3h | 12h | Custom | Local timezone

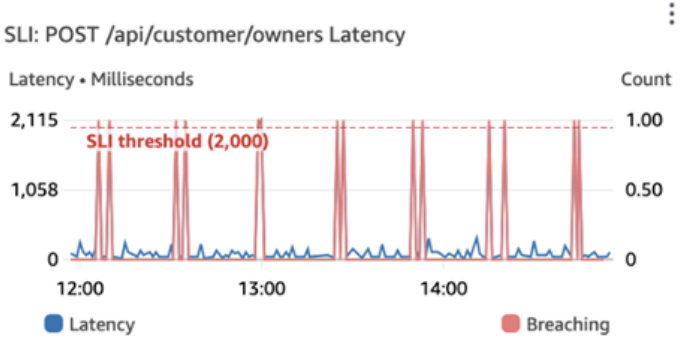
Show selected SLO from beginning of current interval

SLO selected: Latency for Registering an Owner

If there are more than 1.4333 1-minute periods where the Latency is greater than 2000ms in 1 day rolling, the SLO goal of 99.9% will not be met.







Service Level Objectives (SLO) (6) Info

Actions | Create SLO

Filter SLOs by text, property or value

1

	SLO name	Goal	SLI status	Ending attainment	Attainm...	Ending error budge...	Ending error bud...	Service
◉	Latency for Registering an Owner	99.9% 1 day rolling	Unhealthy	80.3%	-1.5%	-19,587.2%	-4 hours	pet-clinic-frontend
○	Availability of Scheduling a Visit	95% 1 day rolling	Unhealthy	93.5%	-0.2%	-29.1%	-21 minutes	visits-service
○	Availability of Listing Owners	99% 1 day rolling	Healthy	100%	0%	100%	14 minutes	customers-service

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Amazon CloudWatch Infrequent Access class

A new log class for cost-effective log consolidation

Best suited for logs that require infrequent querying, e.g. for forensic analysis

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AWS Systems Manager Automation low-code Runbook design

Drag and drop automation actions and AWS APIs and connect them as steps

Features a guided flow, best practice recommendations, and error highlighting

Integrates with Amazon CodeGuru Security for embedded Python scripts

Create Automation Runbooks with AWS Systems Manager Visual Designer

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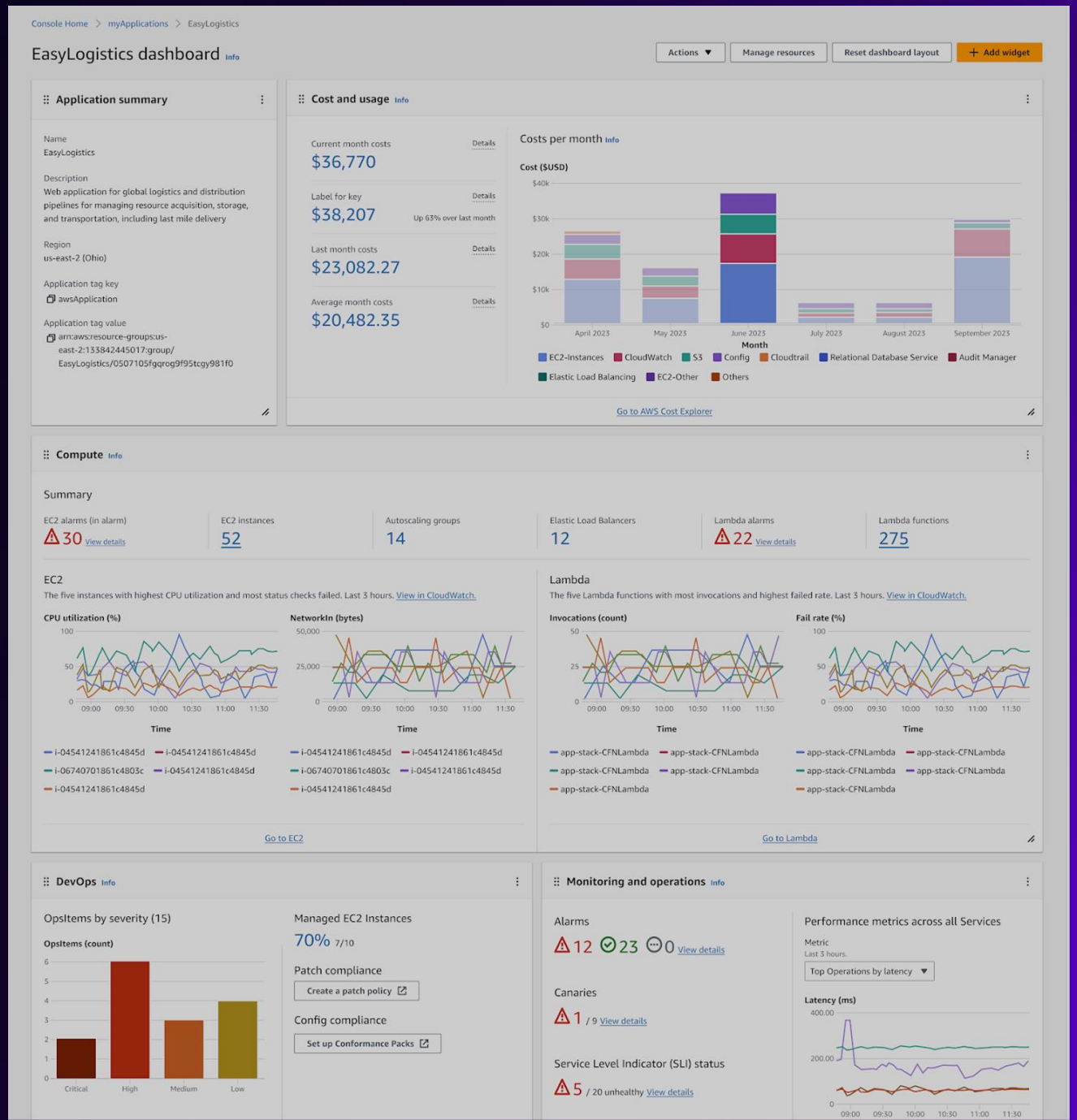
AWS Management Console **myApplications**

Monitor and manage the cost, health, security posture, and performance of your applications



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Collector for Prometheus metrics from Amazon EKS

Amazon Managed Service for Prometheus collector, a fully-managed agentless collector customers can use to collect Prometheus metrics from their workloads running on Amazon EKS.

GENERALLY AVAILABLE

CloudWatch now supports hybrid and multicloud metrics querying and alarming

With this feature, you can consolidate and visualize metrics from sources such as:

- Amazon OpenSearch Service
- Amazon Managed Service for Prometheus
- Azure Monitor (!)
- your own custom data sources

Query in real time, increase visibility into your application health and resolve critical events faster.

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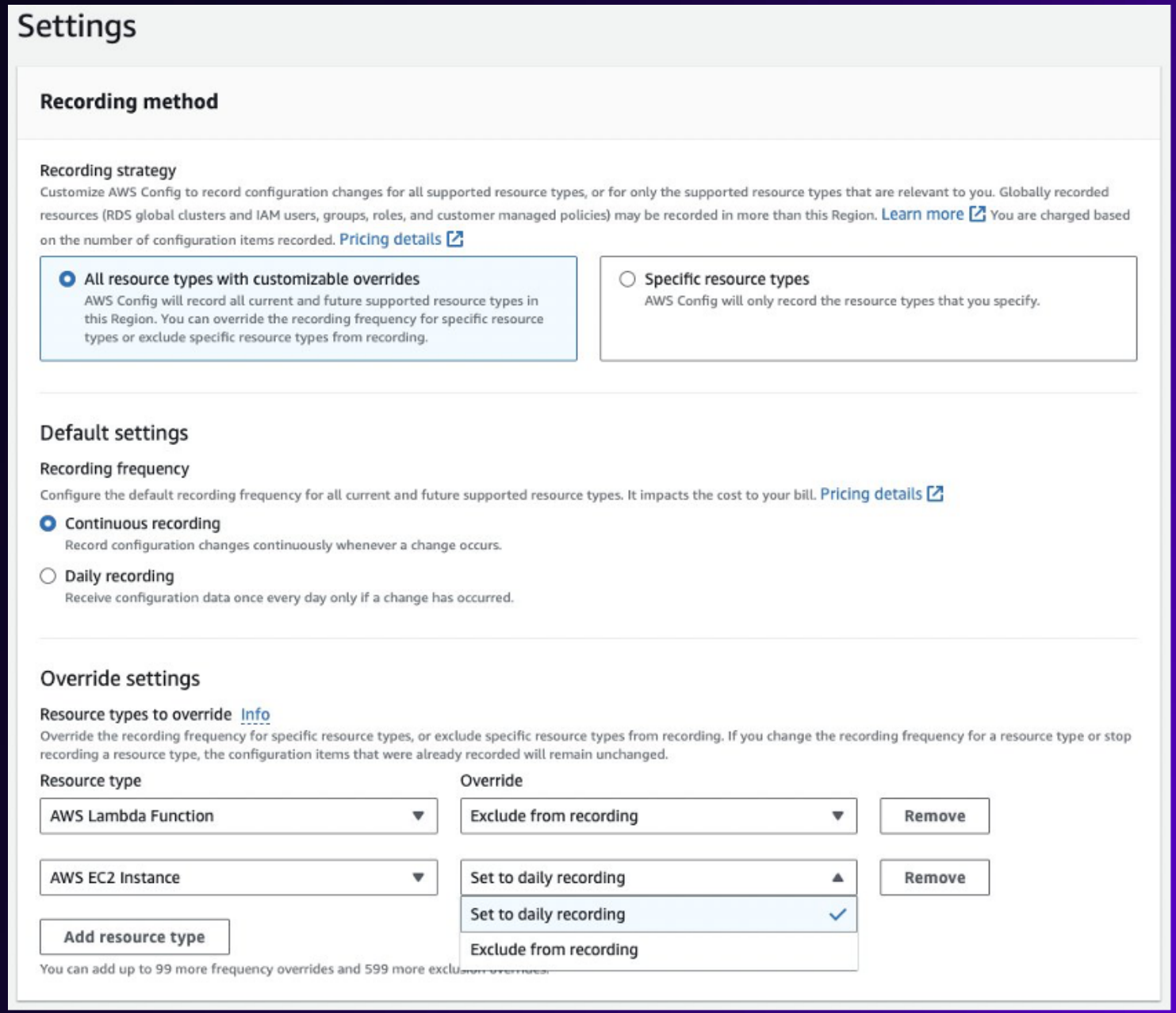
AWS Config now supports periodic recording

Periodic recording captures the latest configuration changes of your resources once every 24 hours, reducing the number of changes delivered.

Both continuous and periodic recording options are priced based on the number of configurations items.

GENERALLY AVAILABLE

AWS Config now supports periodic recording



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Customizable rightsizing recommendations for EC2 Instances

Customizable EC2 rightsizing recommendations within AWS Compute Optimizer.

The new 32 day lookback option (14 days is default) allows you to configure recommendations to use one month of utilization data when calculating the recommendation results.

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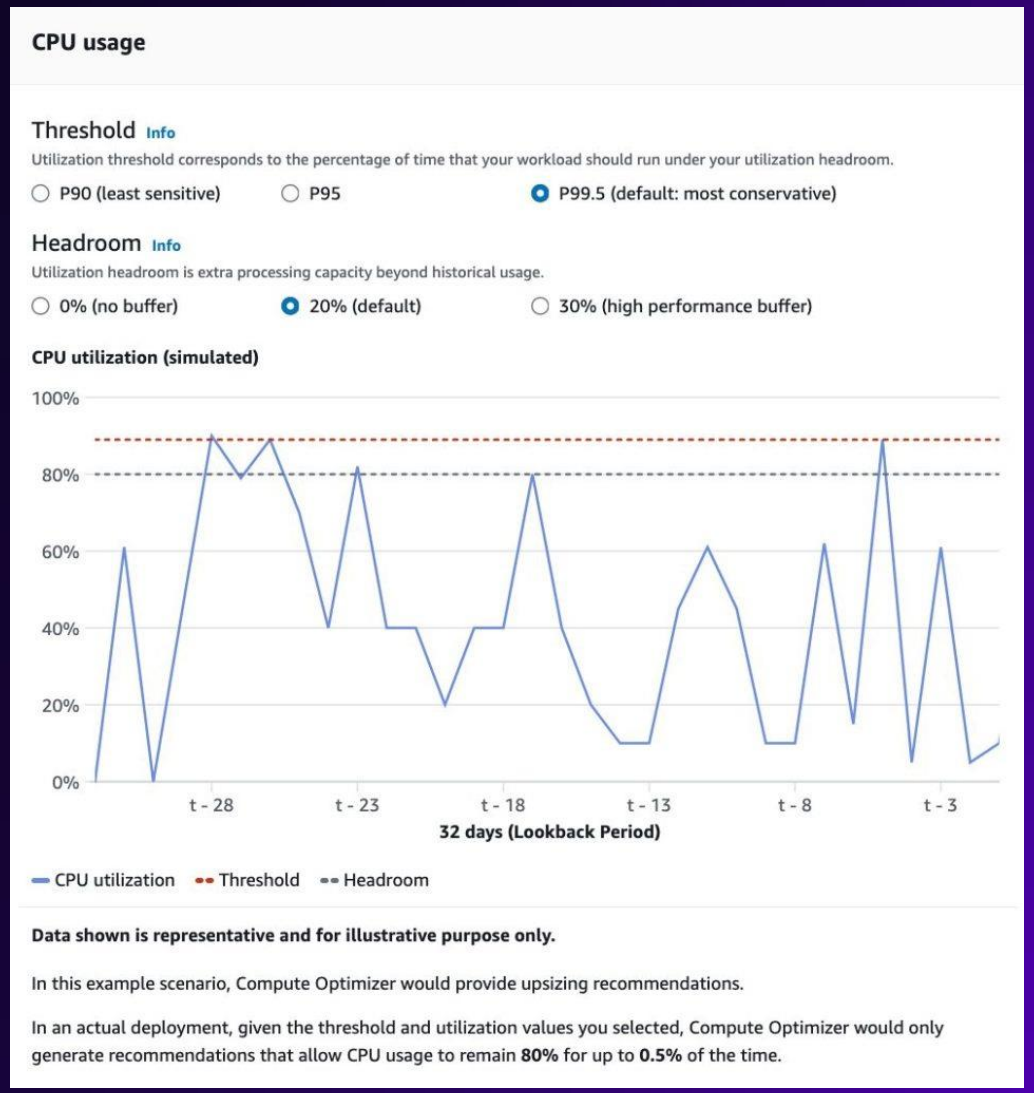
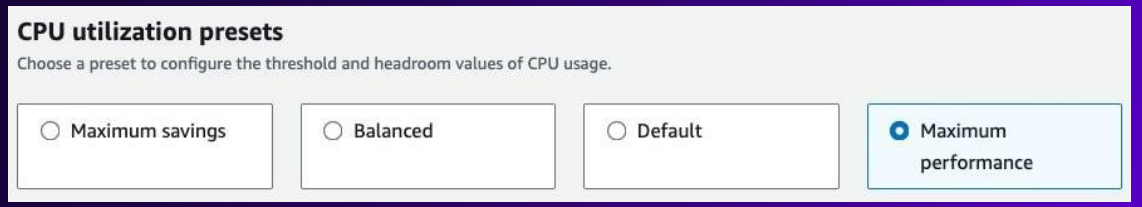
Customizable rightsizing recommendations for EC2 Instances





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AWS Control Tower landing zone operations APIs

Customers can discover, create, update, and reset their landing zones, as well as manage landing zone customizations, using APIs.

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AWS Control Tower landing zone operations APIs

- CreateLandingZone
- DeleteLandingZone
- DisableControl
- EnableControl
- GetControlOperation
- GetEnabledControl
- GetLandingZone
- GetLandingZoneOperation
- ListEnabledControls
- ListLandingZones
- ListTagsForResource
- ResetLandingZone
- TagResource
- UntagResource
- UpdateEnabledControl
- UpdateLandingZone

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AWS Control Tower landing zone operations APIs

Example LandingZoneManifest.json manifest for the CreateLandingZone API call:

```
{
  "governedRegions": ["eu-west-1","eu-central-1","eu-north-1"],
  "organizationStructure": {
    "security": {
      "name": "CORE"
    },
    "sandbox": {
      "name": "Sandbox"
    }
  },
  "centralizedLogging": {
     "accountId": "222222222222",
     "configurations": {
       "loggingBucket": {
         "retentionDays": 60
       },
       "accessLoggingBucket": {
         "retentionDays": 60
       },
       "kmsKeyArn": "arn:aws:kms:us-west-1:123456789123:key/e84XXXXX-
6bXX-49XX-9eXX-ecfXXXXXXXXX"
     },
     "enabled": true
  },
  "securityRoles": {
     "accountId": "333333333333"
  },
  "accessManagement": {
     "enabled": true
  }
}
```

GENERALLY AVAILABLE

65 new controls to help meet digital sovereignty requirements in AWS Control Tower

With this release, you can discover 245+ controls under a new digital sovereignty group in the AWS Control Tower console.

AWS DeepRacer event - Oslo February 7th

AWS DeepRacer is the fastest way to get your team started with Machine Learning (ML). Utilize the virtual 3D racing simulator, 1/18th scale autonomous RC cars, and foster organization wide collaboration and competition!

Sign up here: https://aws-experience.com/emea/north/event/e4a30793-ce9a-4b6d-a0c7-555b5c81a1a4