

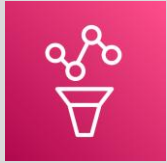
Service Summary Cards (SSC)

Reference:

[FAQs](#)

Category:

Management and Governance



Amazon Managed Service for Prometheus

What?

- Amazon Managed Service for Prometheus (AMP) is a serverless Prometheus-compatible monitoring and alerting service.
- Prometheus project is a popular open source monitoring and alerting solution optimized for container environments.
- The service is integrated with Amazon Amazon EKS, Amazon ECS, AWS Fargate, and AWS Distro for OpenTelemetry.

Why?

- With Amazon Managed Service for Prometheus, you can monitor and alert on the performance of containerized workloads, without having to scale and operate the underlying infrastructure.
- It includes APIs to ingest, alert on, and query metrics from self-managed Kubernetes clusters, on AWS and on-premises.

When?

- You want to use the familiar, flexible Prometheus query language (PromQL) to filter, aggregate, and alarm on metrics.
- You want to remove the undifferentiated heavy lifting of running open source Prometheus at scale.

Where?

- Amazon Managed Service for Prometheus is a Regional service.
- Each Amazon Managed Service for Prometheus workspace is automatically deployed across multiple Availability Zones.

Who?

- AMP automatically scales the ingestion, storage, and querying of operational metrics as workloads grow or shrink.
- It integrates with AWS IAM for authentication and fine-grained permissions for users and groups.
- It offers seamless integration with Amazon Managed Grafana for interactive data visualization.

How?

- Create AMP workspaces, a workspace is a logical space dedicated to the storage and querying of Prometheus metrics.
- Then set up the ingestion of Prometheus metrics to those workspaces, afterwards you can use a service such as Grafana to query the metrics, or you can use AMP APIs. You can query using the standard Prometheus query language, PromQL.

How much?

- You incur charges for usage of metrics ingested, stored, and samples queried.
- Storage charges are based on the compressed size of metric samples and metadata.

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