**Monitoring RDS**

## Service Overview

*Amazon Relational Database Service (Amazon RDS) makes it easy to set up, operate, and scale a relational database in the cloud. It provides cost-efficient and resizable capacity while automating time-consuming administration tasks such as hardware provisioning, database setup, patching and backups. It frees you to focus on your applications so you can give them the fast performance, high availability, security and compatibility they need.*

## Use cases / Considerations

*Monitoring is an important part of maintaining the reliability, availability, and performance of Amazon RDS and your AWS solutions.*

*• Here you can get general information about monitoring RDS, such as:*

* *Monitoring plan*
* *Performance baseline*
* *Performance guidelines*
* *Monitoring tools*

[*https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/MonitoringOverview.html*](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/MonitoringOverview.html)

*• Here a list of events that RDS records. Additionally, here you can get information about what information about an event recorded and the rotation period of records.*

[*https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER\_ListEvents.html*](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_ListEvents.html)

*• You can get information about CloudWatch RDS monitoring*

[*https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/monitoring-cloudwatch.html*](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/monitoring-cloudwatch.html)

*• You can consume the Enhanced Monitoring JSON output from Amazon CloudWatch Logs in a monitoring system of your choice*

[*https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER\_Monitoring.OS.html*](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_Monitoring.OS.html)

*• Here you can get information about log placement and format for RDS:*

[*https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/logging-using-cloudtrail.html*](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/logging-using-cloudtrail.html)

*• Amazon RDS provides automated recommendations for database resources, such as DB instances, read replicas, and DB parameter groups. These recommendations provide best practice guidance by analyzing DB instance configuration, usage, and performance data*

*<https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_Recommendations.html>*

## Cautions

*Not required*

## Pricing considerations

*Not required*

## More details

* *Example of CloudWatch alarm for RDS DB instance’s memory consumption*

[*https://www.youtube.com/watch?v=TehQPNcudbM*](https://www.youtube.com/watch?v=TehQPNcudbM)