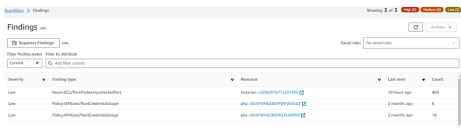
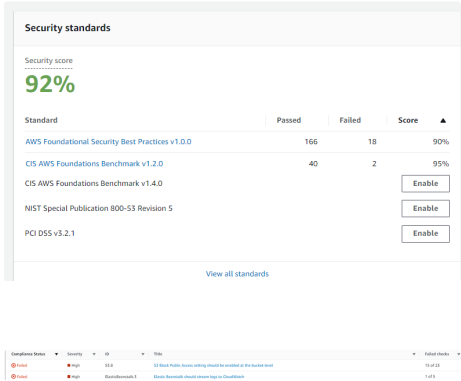

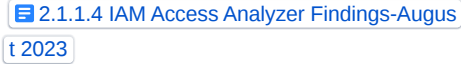
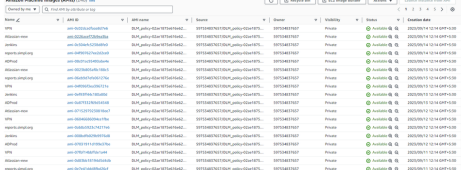


2.1.1.6.42 PLSC - Security Review for August-2023

- AWS Guard duty
- AWS Security Hub
- Patching and Version Updates
- Least privileges on all IAM Users / Groups / Keys and Services(Service roles)
- IAM Access analyzer
- Data Backup
- Health Events

| Area | Status | Notes | Key Screen Shots |
|---|-------------|--|---|
| AWS Guard Duty | GOOD | No high or medium findings |  |
| AWS Security Hub | IN-PROGRESS | AWS Foundational Security Best Practices compliance is 90% CIS AWS Foundations Benchmark compliance is 95% |  |
| Least privileges on all IAM Users / Groups / Keys and Services(Service roles) | GOOD | <ul style="list-style-type: none">• Given least privileges to all the required policy for IAM Users.• We rotated IAM keys which needs to be rotated from our end. |  |
| IAM Access analyzer | GOOD | Access Analyzer: Enabled |  |
| Data Backup | YELLOW | EQIP instance doesnot have any backups. | <p>We are using DLM for AMI backup.</p>  <p>Automated backups for RDS.</p> |

[illegible]

database Instance types db.m4, db.r4, or db.t2 are retiring and also need upgrade database engine to MySQL 8.0.28 or higher. Currently our db is running with MySQL 5.7.38 engine version with db.t2.small Instance type.

6. We got RDS operational Notification its about MySQL community plans to deprecate MySQL 5.7 in October 2023, AWS recommend us to upgrade MySQL databases (DB) running major version 5.7 to major version 8.0 before RDS end of standard support in February 2024.

RDS operational notification

Description

You are receiving this notification because you have one or more Amazon RDS for MySQL database instances running on db.m4, db.r4, or db.t2 instance types. We plan to retire all db.m4, db.r4, and db.t2 instances by April 2024. We recommend that you upgrade all your db.m4, db.r4, or db.t2 instances prior to their retirement. Retired instances for db.m4, db.r4, and db.t2 will no longer be available for purchase beginning on June 30, 2025.

Your affected Amazon RDS for MySQL instances are listed in "Affected Resources" tab.

Your RDS for MySQL database may also have to be upgraded to a version supported by the instance types you chose to migrate your db.m4, db.r4, or db.t2 instances to. We recommend that you upgrade your database engine to MySQL 8.0.28 or higher. For more details on supported RDS instance classes for each engine version please refer to the Amazon RDS user guide (1).

How will my reserved instances be impacted?

- If you have Reserved Instances (RI) on db.m4, db.r4, or db.t2, RI will not migrate your db.m4, db.r4, or db.t2 instances. RDS automation will migrate your instances to db.m5, db.r5, or db.t3 instance types respectively when the deadline approaches.

- If you do not want your db to migrate to db.m5, db.r5, or db.t3, you will have to cancel your db.m4, db.r4, or db.t2 after you create new Reserved Instances for the same value or higher with any other instance type of your choice.

If you have any questions or concerns, please contact AWS ProSupport Support (2).

RDS operational notification

Description

You are receiving this message because you have one or more Amazon RDS for MySQL DB instances running major version 5.7 that require your attention. MySQL community plans to deprecate MySQL 5.7 in October 2023 (1) and will not release any security patches after October 2023. Therefore, Amazon RDS will not be able to support MySQL major version 5.7 on instances db.m4, db.r4, or db.t2.

We recommend that you take action and upgrade your MySQL database (DB) running major version 5.7 to major version 8.0 before RDS end of standard support in February 2024. MySQL 8.0 offers new query functionality, enhancements for better performance, reliability, security and manageability. To learn more about the benefits of MySQL 8.0, refer to Amazon RDS for MySQL documentation (2).

Amazon RDS has announced Extended Support for MySQL 5.7 major version. If you are unable to complete your upgrade to major version 8.0 before February 28, 2024, you can opt in for RDS Extended Support to continue running your RDS for MySQL 5.7 DB instances beyond the February 28, 2024 date. To learn more about RDS Extended Support, support resources and associated charges, refer to the Amazon RDS pricing page (3). If RDS Extended Support is the right option for your business, you can opt in to RDS Extended Support starting on November 1, 2023. For eligibility, verification or RDS Support Dashboard, check 5 items to watch.

We strongly recommend that you upgrade your RDS for MySQL 5.7 DB instances as soon as possible, before February 28, 2024. The key consider using Amazon CloudWatch CloudWatch CloudWatch to monitor risk and downtime during your MySQL 5.7 to MySQL 8.0 upgrade. Your Amazon RDS for MySQL instances running version 5.7 are listed in "Affected Resources" tab.

If you have not opted in to RDS Extended Support on your RDS for MySQL 5.7 instance, the deadline for your DB instance will be as follows: RDS will upgrade your MySQL 5.7 database to MySQL 8.0 during a scheduled maintenance window between March 1, 2024 00:00:00 UTC and March 31, 2024 00:00:00 UTC. On March 31, 2024 00:00:00 UTC, any MySQL 5.7 database that remain will be automatically upgraded to version 8.0.