**Reconfigure Tableau Server Repository: Step-by-Step Guide**

**Overview**

This document provides detailed steps for reconfiguring the Tableau Server repository, including stopping the server, taking a snapshot, migrating the repository, and setting up a new repository.

**Steps to Reconfigure the Repository**

**1. Stop Tableau Server**

To prevent any active connections during the reconfiguration process, you need to stop Tableau Server.

* **Command to run:**

tsm stop

**2. Take a Snapshot of the Current Repository**

Create a snapshot of your current PostgreSQL repository to ensure you have a backup in case something goes wrong.

* **For Amazon RDS:**
  + Use the AWS Management Console or AWS CLI to create a snapshot of your RDS instance.

**3. Deploy and Restore the Snapshot to Encrypted RDS**

Deploy the snapshot to a new encrypted RDS instance (or your chosen external database).

* **For Amazon RDS:**
  + Restore the snapshot to a new RDS instance with encryption enabled.

**4. Move Repository to Local (If Moving from External to Local)**

If you are transitioning from an external repository to a local repository, you need to disable the external repository.

* **Command to run:**

tsm topology external-services repository disable -n nodeN

* + Replace nodeN with the appropriate node identifier.
  + **Note:** Ensure the local repository is properly set up before running this command.

**5. Set Up the New Encrypted RDS as the New Repository**

To configure Tableau Server to use the new encrypted RDS instance as the external repository, you need to create a JSON configuration file and run a TSM command.

* **Create JSON Configuration File:**

json

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{

"flavor": "<flavor name>",

"masterUsername": "<admin user name>",

"masterPassword": "<password>",

"host": "<instance host name>",

"port": 5432

}

* + **Details to replace:**
    - <flavor name>: Type of external service (e.g., rds, azure, gcp, generic).
    - <admin user name>: Administrator username for the new PostgreSQL instance.
    - <password>: Password for the administrator.
    - <instance host name>: Endpoint of the new RDS instance.
* **Run TSM Command to Enable New Repository:**
  + If using SSL:

tsm topology external-services repository enable -f <file.json> -c <ssl certificate file>.pem

* + If SSL is not required:

tsm topology external-services repository enable -f <file.json> --no-ssl

* + **Details to replace:**
    - <file.json>: Path to the JSON configuration file.
    - <ssl certificate file>.pem: Path to the SSL certificate file (omit if not using SSL).

**6. Start Tableau Server**

Once you have completed the reconfiguration, restart Tableau Server to apply the changes.

* **Command to run:**

tsm start