**Installing the RMT Server on Linux**

The Resource Monitoring Tool (RMT) Server hosts the web application and background processing to collate and monitor data from Agents. This guide explains how to install the RMT Server using the command line on Linux systems.

**Prerequisites**

1. **Supported Linux Distributions:**
   * RHEL-based (CentOS, RedHat)
   * Ubuntu
2. **Access Requirements:**
   * Sudo access on the machine where the RMT Server will be installed.
   * Tableau Server Administrator privileges.
   * RMT Administrator account.

**Step 1: Download the RMT Server Installer**

Download the RMT Server Installer (either .rpm or .deb based on your distribution) and save it to an accessible location on your machine.

**Step 2: Install the RMT Server**

**For RHEL-based distributions (CentOS, RedHat):**

sudo yum install <path-to-rmt-server-installer>/Tabrmt-Master-x86\_64-<version>.rpm

**For Ubuntu distributions:**

sudo apt install ./<path-to-rmt-server-installer>/Tabrmt-Master-amd\_64-<version>.deb

This installs the RMT Server along with its dependencies, including RabbitMQ, Erlang, and PostgreSQL. PostgreSQL is used to store usage data gathered from Tableau Server.

**Step 3: Initialize the RMT Server**

Once the installation is complete, you need to initialize the RMT Server and accept the End User License Agreement (EULA).

Run the following command to initialize RMT Server with default settings:

sudo /opt/tableau/tabrmt/master/install-scripts/initialize-rmt-master --accepteula

If you want to specify a custom Run As account, use the --unprivileged-user option:

sudo /opt/tableau/tabrmt/master/install-scripts/initialize-rmt-master --accepteula --unprivileged-user=<custom-user>

The EULA document can be found at /opt/tableau/tabrmt/master/docs.

**Step 4: Configure the RMT Server**

Switch to the tabrmt-master user to configure the server:

sudo su --login tabrmt-master

Run the following command to configure the RMT Server:

rmtadmin master-setup --admin-username=<admin-username> --admin-password=<admin-password>

**Common configuration options:**

* --admin-username: Administrator username (default: admin)
* --admin-password: Administrator password (required)
* --http-port: Port for HTTP communication (default: 80)
* --require-https: Option to redirect HTTP traffic to HTTPS (default: False)
* --https-certificate-mode: Specifies the certificate type (default: self-signed)

**Step 5: Create an Environment**

After configuring the RMT Server, create a monitoring environment for Tableau Server:

rmtadmin create-env --name=<environment-name> --api-username=<Tableau-API-username> --api-password=<Tableau-API-password>

**Key Configuration Options:**

* --name: Name of the environment.
* --gateway-url: URL of the Tableau Server gateway.
* --version: Version of Tableau Server.
* --repository-server: Tableau Server Repository PostgreSQL server name.
* --repository-port: Repository PostgreSQL port.
* --repository-username: Username for connecting to Tableau Server Repository.
* --repository-password: Password for connecting to Tableau Server Repository.

**Step 6: Optimize for Non-SSD Hardware (Optional)**

If you're not using SSD hardware, run the following command to optimize the RMT Server for non-SSD storage:

sudo /opt/tableau/tabrmt/master/tabrmt-master optimize --no-ssd