**Tableau Resource Monitoring Tool (RMT) Agent Installation on Linux**

This document provides step-by-step instructions on how to install and configure the Tableau Resource Monitoring Tool (RMT) Agent on Linux using the command line.

**Prerequisites:**

1. Download the RMT Agent bootstrap file from the Resource Monitoring Tool (RMT) Server.
   * Ensure the bootstrap file is saved to a location accessible to the nodes where the RMT Agent will be installed.
   * Bootstrap files are only valid for 24 hours. Regenerate the file if it's older than 24 hours.
2. Open the necessary ports:
   * Ensure that both ports 443 (HTTPS) and 5672 (RabbitMQ) are open to facilitate Agent registration starting from version 2021.3.

**Installation Steps:**

**Step 1: Download the Agent Installer**

Download the RMT Agent installer file to a location accessible on the Linux machine where the agent will be installed.

* For Ubuntu-based distributions:

sudo apt install Tabrmt-Agent-amd64-<version>.deb

Replace <version> with the appropriate version number of the Agent.

**Step 2: Initialize the RMT Agent**

Once installed, initialize the RMT Agent by accepting the End User License Agreement (EULA). You can also specify non-default configurations if necessary.

To initialize the agent with default settings, run:

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

* **EULA Location:** /opt/tableau/tabrmt/agent/docs

**Custom Configuration (Optional):**

From version 2023.1 onwards, you can specify a custom user account to run the RMT Agent, rather than the default rmt-agent. To use a custom account, include the --unprivileged-user option in the initialization script.

For detailed information about available script options, refer to the RMT Agent Initialization Script Options in the Tableau documentation.

**Step 3: Register the RMT Agent**

After initializing the agent, log off and log back in as the tabrmt-agent user to allow group membership changes to take effect.

sudo su --login tabrmt-agent

To register the agent, run the following command:

rmtadmin register <bootstrap file path> --server-name=<Friendly name of machine> --server-description=<Server description> --username=<RMT admin username>

* <bootstrap file path>: The path to the bootstrap file.
* <Friendly name of machine>: The friendly name for the server where the Agent is installed.
* <Server description>: A description of the server (optional).
* <RMT admin username>: The admin username used during RMT Server installation.

You will be prompted to provide the password for the RMT admin user.

**Example Command:**

rmtadmin register /var/opt/tableau/tabrmt/agent/bootstrap/bootstrap\_file.json --server-name=Node1 --server-description="Tableau Server Node 1" --username=admin

**Configuration Options:**

Below is a summary of the configuration options used during the agent registration:

| **Option** | **Required** | **Default** | **Description** |
| --- | --- | --- | --- |
| --bootstrap | Yes | <none> | The path to the bootstrap file. |
| --username | Yes | <none> | The RMT admin username created during RMT Server setup. |
| --password | Yes | <none> | Password for the user account (can be inputted or from a file). |
| --password-file | No | <none> | Path to a file containing the password (optional). |
| --server-name | No | Host name | Name of the machine where the agent is installed. |
| --server-description | No | <none> | A description of the machine (optional). |

**Step 4: Installing the Agent on Multi-Node Tableau Server**

If your Tableau Server deployment spans multiple nodes, repeat the installation and registration steps for each node.

Once the agent is successfully installed on each node, you should see all the nodes listed on the Resource Monitoring Tool Server web interface.