Comprehensive Guide to Installing and Configuring SeaTunnel and SeaTunnel-Web on CentOS 7.x

1.1 Environment Setup

Apache SeaTunnel · Following
5 min read · 1 day ago

Listen
Share

For this setup, I used a virtual machine running CentOS 7.x, with Java 11 and Java 8 installed. The machine has 8 GB of memory and 4 CPU cores, which is more than sufficient for development and have been created in pentaho articles. The environment is configured on a single CentOS 7.x virtual machine instance, mapping the opening of ports 8081, 18081, and 1881 to the firewall to ensure network accessibility.

0. Installing and Deploying SeaTunnel

Downloading the Installation Package Begin by setting the version and downloading the SeaTunnel package using wget. Extract the package using tar.

```
export VERSION="2.3.4"
wget "https://archive.apache.org/dist/incubator/seatunnel/2.3.4/apache-seatunnel-2.3.4-bin.tar.gz"
tar -zxvf "apache-seatunnel-2.3.4-bin.tar.gz"
```

Setting Environment Variables Add SeaTunnel's directory to your path for easy access.

```
vi /etc/profile.d/seatunnel.sh
# SEA EXA Following variables
export SEATUNNEL_HOME=/opt/seatunnel-2.3.4 (Where to set here is the docs)
export PATH=$PATH:$SEATUNNEL_HOME/bin
```

Installing Connector Plugins Navigate to the `/opt/apache-seatunnel-2.3.2` directory and execute the plugin installation script.

```
[root@ip-172-31-0-0 apache-seatunnel-2.3.2]# ls -lrtr
total 1084 drwxrwxr-x. 3 root root  4096 Jun  7 07:00 bin drwxr-xr-x. 3 root root  4096 Jun  7 07:00 plugin
drwxrwxr-x. 3 root root  4096 Jun  7 07:00 lib drwxrwxr-x. 3 root root  4096 Jun  7 07:00 connector
drwxrwxr-x. 3 root root  4096 Jun  7 07:00 conf drwxrwxr-x. 3 root root  4096 Jun  7 07:00 bin
drwxrwxr-x. 3 root root  4096 Jun  7 07:00 plugin drwxrwxr-x. 3 root root  4096 Jun  7 07:00 lib
drwxrwxr-x. 3 root root  4096 Jun  7 07:00 connector drwxrwxr-x. 3 root root  4096 Jun  7 07:00 conf
```

Manan Shah

Microservices Lessons From Netflix

Microservices Architecture

5 min read · Jan 10

397 4

Moray Baruh in Valensas

We migrated to Grafana's LGTM stack, here is the story

ELK to Loki, Jaeger to Tempo, Prometheus to Mimir

5 min read · Jan 17

139

See more recommendations