

## 如何为Presto集成Kerberos环境下的Hive

<https://cloud.tencent.com/developer/article/1158362>

```
kadmin.local -q "addprinc -randkey hdfs/admin@master"  
kadmin.local -q "xst -norandkey -k hdfs.keytab hdfs/admin@master"
```

```
connector.name=hive-hadoop2  
hive.metastore.uri=thrift://10.0.19.48:9083  
hive.config.resources=/etc/hadoop_old/core-site.xml, /etc/hadoop_old/hdfs-  
site.xml  
hive.allow-drop-table=true
```

#配置Presto访问HiveMetastore服务的Kerberos信息，该段配置可以只存在Presto的Coordinator节点

```
hive.metastore.authentication.type=KERBEROS  
hive.metastore.service.principal=hive/cdh19-48@master  
hive.metastore.client.principal=hdfs/admin@master  
hive.metastore.client.keytab=/etc/hadoop_old/hdfs.keytab
```

#配置Presto访问HDFS的Kerberos信息，改段配置可以只存在Presto的Worker节点

```
hive.hdfs.authentication.type=KERBEROS  
#hive.hdfs.impersonation.enabled=true  
hive.hdfs.presto.principal=yarn  
hive.hdfs.presto.keytab=/etc/hadoop_old/yarn.keytab  
#hive.hdfs.wire-encryption.enabled=true
```

~

jvm.config

```
-server  
-Xmx32G  
-XX:+UseG1GC  
-XX:G1HeapRegionSize=32M  
-XX:+UseGCOverheadLimit  
-XX:+ExplicitGCInvokesConcurrent  
-XX:+HeapDumpOnOutOfMemoryError  
-XX:+ExitOnOutOfMemoryError  
-DHADOOP_USER_NAME=hdfs
```

-Dpresto-temporarily-allow-java8=true

-Djava.security.krb5.conf=/etc/hadoop\_old/krb5.conf

-Dsun.security.krb5.debug=true

```
ansible presto -m copy -a "src=/opt/presto/etc/jvm.config  
dest=/opt/presto/etc/jvm.config "
```

拷贝目录

```
ansible presto -m copy -a "src=/etc/hadoop_old dest=/etc/ "
```

```
ansible presto -m copy -a "src=/opt/presto/etc/catalog/hive_old.properties  
dest=/opt/presto/etc/catalog/hive_old.properties"
```

```
ansible presto -m shell -a "ls /opt/presto/etc/catalog "
```

重启集群

```
ansible presto -m shell -a "/opt/presto/bin/launcher restart "
```