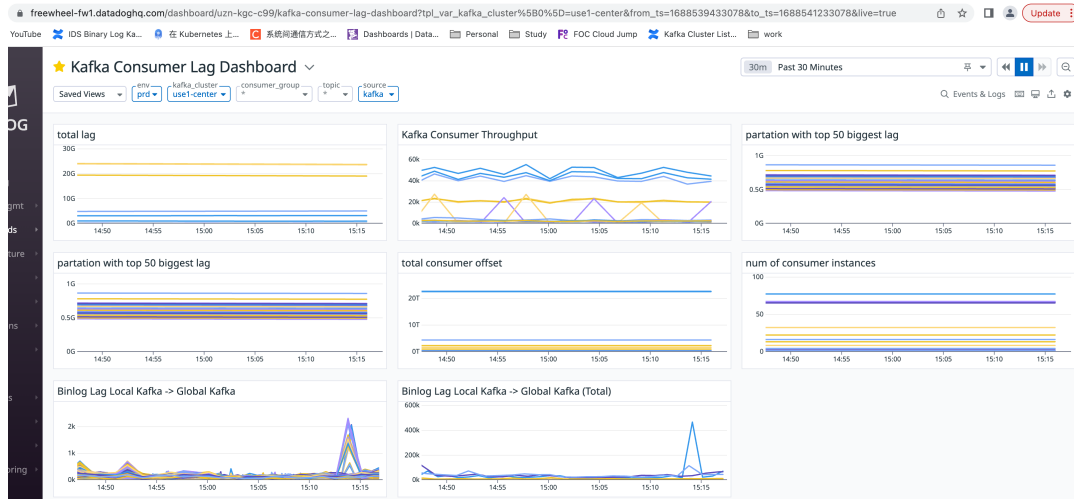# Check Consumer Lag

In some scenarios we need to check the consumer lag of Kafka, here is how to calculate.

Find the partition number in the dashboard.

Log on the broker in the according cluster

use cmd to find the consumer offset for example:

```
 ./kafka-consumer-groups.sh --bootstrap-server 10.22.130.95:9092 --group
Audience_Kafka_Consumer_Group_AWS_WEST_NORMAL --describe | grep fw_audience_user_log | sort -k6 -n
```

```
Audience_Kafka_Consumer_Group_AWS_EAST_NORMAL fw_audience_user_log   55        33828807483     34680606790
851799307       fw_audience_offline-a613a8c6-85c5-4017-b712-379368f3d501 /10.204.91.208  fw_audience_offline
```

keep the CURRENT-OFFSET offset:33828807483

Find the log folder of the topic , we need to use the consumer offset to find the timestamp, compare the offset and dump the corresponding log file. Find the create time and use time -d to calculate the hour.

```
ec2-user@ip-10-22-129-47.ec2.internal:/export1/kafka-data/fw_audience_user_log-53 · 07:38 AM Wed Jul 05 ·
!1305 $ ls -l *.log -rt
/export/foundation/kafka/bin/./kafka-run-class.sh kafka.tools.DumpLogSegments --deep-iteration --print-data-log
--files 00000000345527168016.log | grep -C 2 345531330983
 1407  27/06/23 03:21:18 date -d @1687810063
```