

Google Cloud Pub/Sub

Item 1. Publicación y recepción de 3 mensajes

The screenshot shows three terminal windows side-by-side. The left window shows the publication of three messages: "Buenas Tardes", "Buenas Noches", and "Buenos Dias". The middle window shows the reception of these messages. The right window shows the reception of the same three messages again.

```

ssh.cloud.google.com/v2/zhh/projects/black-radius-474501/us/regions/us-central1/instances/pub/sub/user=18h=es_4198/projectNumber=651920...
ssh.cloud.google.com/v2/zhh/projects/black-radius-474501/us/regions/us-central1/instances/pub/sub/user=18h=es_4198/projectNumber=651920...
ssh.cloud.google.com/v2/zhh/projects/black-radius-474501/us/regions/us-central1/instances/pub/sub/user=18h=es_4198/projectNumber=651920...

SSH en el navegador SSH en el navegador SSH en el navegador
miguelrodriguez@151522pub:~$ gcloud pubsub topics publish new_transaction --message="Buenas Tardes"
message_ids:
- 1705145114091591754
miguelrodriguez@151522pub:~$ gcloud pubsub topics publish new_transaction --message="Buenas Noches"
message_ids:
- 17051451140762574
miguelrodriguez@151522pub:~$ gcloud pubsub topics publish new_transaction --message="Buenos Dias"
message_ids:
- 1705070091591754
miguelrodriguez@151522pub:~$ 

miguelrodriguez@151522pub:~$ gcloud pubsub subscriptions pull new_transaction-sub --auto-ack
DATA MESSAGE_ID ORDERING_KEY ATTRIBUTES DELIVERY_ATTEMPT ACK_STATUS
Buenas Tardes 17051451140762574 SUCCESS
miguelrodriguez@151522pub:~$ gcloud pubsub subscriptions pull new_transaction-sub --auto-ack
DATA MESSAGE_ID ORDERING_KEY ATTRIBUTES DELIVERY_ATTEMPT ACK_STATUS
Buenas Noches 17051451140762574 SUCCESS
miguelrodriguez@151522pub:~$ gcloud pubsub subscriptions pull new_transaction-sub --auto-ack
DATA MESSAGE_ID ORDERING_KEY ATTRIBUTES DELIVERY_ATTEMPT ACK_STATUS
Buenos Dias 1705070091591754 SUCCESS
miguelrodriguez@151522pub:~$ gcloud pubsub subscriptions pull new_transaction-sub --auto-ack
DATA MESSAGE_ID ORDERING_KEY ATTRIBUTES DELIVERY_ATTEMPT ACK_STATUS
Buenas Tardes 1705145114091591754 SUCCESS
miguelrodriguez@151522pub:~$ gcloud pubsub subscriptions pull new_transaction-sub --auto-ack
DATA MESSAGE_ID ORDERING_KEY ATTRIBUTES DELIVERY_ATTEMPT ACK_STATUS
Buenas Noches 17051451140762574 SUCCESS
miguelrodriguez@151522pub:~$ gcloud pubsub subscriptions pull new_transaction-sub --auto-ack
DATA MESSAGE_ID ORDERING_KEY ATTRIBUTES DELIVERY_ATTEMPT ACK_STATUS
Buenos Dias 1705070091591754 SUCCESS
miguelrodriguez@151522pub:~$ 

```

Item 2. Mensajes no ordenados

The screenshot shows three terminal windows side-by-side. The left window shows the publication of multiple messages with various IDs. The middle window shows the reception of these messages. The right window shows the reception of the same messages again.

```

miguelrodriguez@151522pub:~$ 
miguelrodriguez@151522pub:~$ for i in {1..10}; do gcloud pubsub topics publish new_transaction-sub --message="Pedido #${i}"; done
message_ids:
- 1705146151444185
- 1705146151444186
- 1705146151444187
- 1705146151444188
- 1705146151444189
- 1705146151444190
- 1705146151444191
- 1705146151444192
- 1705146151444193
- 1705146151444194
miguelrodriguez@151522pub:~$ 
miguelrodriguez@151522pub:~$ while true; do gcloud pubsub subscriptions pull new_transaction-sub --auto-ack --limit=1 --format="value(DATA)"; sleep 1; done
[...]
Pedido #1
Pedido #3
Pedido #5
Pedido #7
Pedido #10
[...]
miguelrodriguez@151522pub:~$ while true; do gcloud pubsub subscriptions pull new_transaction-sub --auto-ack --limit=1 --format="value(DATA)"; sleep 1; done
[...]
Pedido #2
Pedido #4
Pedido #6
Pedido #8
Pedido #9
[...]
miguelrodriguez@151522pub:~$ 

```

Item 3. Mensajes ordenados

The screenshot shows three terminal windows side-by-side. The left window shows the publication of messages with specific ordering keys: "cliente_A", "cliente_B", and "cliente_C". The middle window shows the reception of these messages. The right window shows the reception of the same messages again.

```

miguelrodriguez@151522pub:~$ for i in {1..10}; do gcloud pubsub topics publish new_transaction-sub --message="Pedido #${i}" --ordering-key="cliente_A"; done
message_ids:
- 1705133722893571
- 1705133722893572
- 170514607099886761
miguelrodriguez@151522pub:~$ 
miguelrodriguez@151522pub:~$ while true; do gcloud pubsub subscriptions pull new_transaction-sub --auto-ack --limit=1 --format="value(DATA)"; sleep 1; done
[...]
Pedido #1
Pedido #3
Pedido #5
Pedido #7
Pedido #9
[...]
miguelrodriguez@151522pub:~$ while true; do gcloud pubsub subscriptions pull new_transaction-sub --auto-ack --limit=1 --format="value(DATA)"; sleep 1; done
[...]
Pedido #2
Pedido #4
Pedido #6
Pedido #8
Pedido #10
[...]
miguelrodriguez@151522pub:~$ 

```

Item 4. Dos suscripciones de un tema

The screenshot shows three terminal windows side-by-side. The left window shows the publication of a single message: "Segunda Publicación". The middle window shows the reception of this message by the first subscription. The right window shows the reception of the same message by the second subscription.

```

miguelrodriguez@151522pub:~$ gcloud pubsub topics publish new_transaction --message="Segunda Publicación"
message_ids:
- 17051919638336469
miguelrodriguez@151522pub:~$ 
miguelrodriguez@151522pub:~$ gcloud pubsub subscriptions pull new_transaction-sub --auto-ack
DATA MESSAGE_ID ORDERING_KEY ATTRIBUTES DELIV
ERY_ATTEMPT ACK_STATUS
| Segunda Publicación | 17051919638336469 | | | |
| SUCCESS | | | | |
[...]
miguelrodriguez@151522pub:~$ 
miguelrodriguez@151522pub:~$ gcloud pubsub subscriptions pull registros --au
to-ack
DATA MESSAGE_ID ORDERING_KEY ATTRIBUTES DELIV
ERY_ATTEMPT ACK_STATUS
| Segunda Publicación | 17051919638336469 | | | |
| SUCCESS | | | | |
[...]
miguelrodriguez@151522pub:~$ 

```