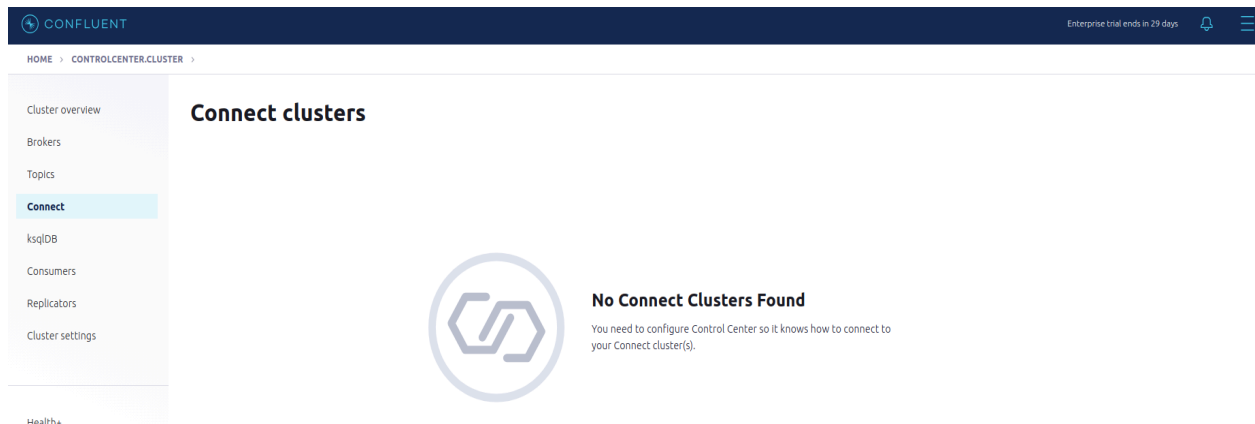# Scenario 1

Problem statement

The client notices that the connect cluster is down on the control-center(localhost:9021). This is after a security audit removed some users from the super users list.

Observation

The connect cluster is down and is not visible in the control center.

Root cause

Since there has been a recent security audit, connectAdmin was removed from the super users list. Manually grant permission for connectAdmin to access the required topics and consumer groups.

Solution to debug the issue
1. Check the logs of connect

Observation

It is observed that connect cannot access multiple topics that are prefixed with "connect-"

2. Give access to the topics that are prefixed with "connect-"

→ **kafka-acls --authorizer-properties zookeeper.connect=zookeeper1:2181 --add --allow-principal User:connectAdmin --operation ALL --topic connect- --resource-pattern-type PREFIXED --command-config /opt/client/client.properties**

```
[root@kfkclient appuser]# kafka-acls --authorizer-properties zookeeper.connect=zookeeper1:2181 --add --allow-principal User:connectAdmin --operation ALL --topic connect- --resource-pattern-type PREFIXED
Warning: support for ACL configuration directly through the authorizer is deprecated and will be removed in a future release. Please use --bootstrap-server instead to set ACLs through the admin client.
Adding ACLs for resource `ResourcePattern(resourceType=TOPIC, name=connect-, patternType=PREFIXED)`:
        (principal=User:connectAdmin, host=*, operation=ALL, permissionType=ALLOW)

Current ACLs for resource `ResourcePattern(resourceType=TOPIC, name=connect-, patternType=PREFIXED)`:
        (principal=User:connectAdmin, host=*, operation=ALL, permissionType=ALLOW)

[root@kfkclient appuser]#
```

Observation

Successfully added permission for the connectAdmin to access the topics prefixed with "connect-"

After restarting the connect container, the following error logs were observed,

```
connect | org.apache.kafka.common.errors.GroupAuthorizationException: Not authorized to access group: connect-cluster
connect | [2025-01-21 11:04:15,158] ERROR [Worker clientId=connect-1, groupId=connect-cluster] Uncaught exception in herder work thread, exiting:  (org.apache.kafka.connect.runtime.distributed.DistributedHerder:361)
connect | org.apache.kafka.common.errors.GroupAuthorizationException: Not authorized to access group: connect-cluster
```

Observation

No access for the connectAdmin for consumer groups prefixed with "connect-"

3. Give access for connectAdmin to consumer groups with prefix "connect-"
→ **kafka-acls --bootstrap-server kafka2:29092 --add --allow-principal User:connectAdmin --operation ALL --group connect- --resource-pattern-type PREFIXED --command-config /opt/client/client.properties**

```
[root@kfkclient appuser]# kafka-acls --bootstrap-server kafka2:29092 --add --allow-principal User:connectAdmin --operation ALL --group connect- --resource-pattern-type PREFIXED --command-config /opt/client/client.properties
Adding ACLs for resource `ResourcePattern(resourceType=GROUP, name=connect-, patternType=PREFIXED)`:
        (principal=User:connectAdmin, host=*, operation=ALL, permissionType=ALLOW)

Current ACLs for resource `ResourcePattern(resourceType=GROUP, name=connect-, patternType=PREFIXED)`:
        (principal=User:connectAdmin, host=*, operation=ALL, permissionType=ALLOW)
```


Observation

Successfully added permission for the connectAdmin to access the consumer groups prefixed with "connect-"

4. Now restart the connect cluster and check if it is visible in the Control center

Observation

Successfully able to view the connect cluster on the control panel.

Conclusion

Since the recent security audit was made and the connect user was removed from the super users list. By adding the ACLs for the connect user to access the required topics and consumer groups we were able to see the connect cluster on the control center.