**WLM Config -**

Providing below the set-up needed for WLM Configuration for DEV Cluster.

**Cluster Details**

Account              : 692425240801

Redshift Cluster : mi-crm-redshift-clustrer-dev

**Parameter Group creation**

1. WLM-MICRM-RPT-DEV with Automatic WLM option configured.

**Queues under WLM-MICRM-RPT-DEV**

1. Wlq-DB-ETL (Query Priority – Normal, Concurrency scaling mode – Off)
2. Wlq-RPT-OPN (Query Priority – Normal, Concurrency scaling mode – Off)
3. Wlq-RPT-DASH (Query Priority – Normal, Concurrency scaling mode – On)
4. Wlq-DB-Analysis (Query Priority – Normal, Concurrency scaling mode – Off)

**DB User & Group Creation**

1. New user / group: etl\_user / etl\_user\_group
2. New user / group: rpt\_user / rpt\_user\_group
3. New user / group: dashboard\_user / dashboard\_user\_group
4. New user / group: analysis\_user / analysis\_user\_group

Note: These users are already created in both dev and test cluster DBs.

**User mapping to queues**

1. Map etl\_user\_group to Wlq-DB-ETL queue
2. Map rpt\_user\_group to Wlq-RPT-OPN queue
3. Map dashboard\_user\_group to Wlq-RPT-DASH queue
4. Map analysis\_user\_group to Wlq-DB-Analysis queue

**Secret Creation**

1. Secret creation for the newly created db users as below

Note: The credentials for these users are already shared with nagender.singh@nagarro.com and vikas.yadav01@nagarro.com separately.

|  |  |
| --- | --- |
| MICRM\_REDSHIFT\_RPT\_DB\_ETL\_DEV | etl\_user |
| MICRM\_REDSHIFT\_RPT\_DB\_RPT\_DEV | rpt\_user |
| MICRM\_REDSHIFT\_RPT\_DB\_DASH\_DEV | dashboard\_user |
| MICRM\_REDSHIFT\_RPT\_DB\_ANYLS\_DEV | analysis\_user |

**Other Access Needed**

**arn:aws:iam::692425240801:role/Redshift\_Kinesis\_role** needs to have permission for retrieving the secret details for **MICRM\_REDSHIFT\_RPT\_DB\_ETL\_DEV**

**Other Access Needed**

1. The newly created IAM role needs to have permission for retrieving the secret details for **MICRM\_REDSHIFT\_RPT\_DB\_ETL\_DEV.**
2. Provide **secretsmanager:DescribeSecret** to MICRM**\_REDSHIFT\_RPT\_DB\_RPT\_DEV, MICRM\_REDSHIFT\_RPT\_DB\_DASH\_DEV** secrets access to rajkumar.sangram@happiestminds.com and rahul.ranjan@happiestminds.com users.
3. Provide **secretsmanager:DescribeSecret**to all the newly created secretsaccess to**rajdeep.borana@happiestminds.com, kenche.vamshikrishna@happiestminds.com, rajnish.kumar2@happiestminds.com and dillon.ashwal@happiestminds.com**users.
4. Grant **rajdeep.borana@happiestminds.com, kenche.vamshikrishna@happiestminds.com,  rajnish.kumar2@happiestminds.com and dillon.ashwal@happiestminds.com** to have access to perform **GetSecretValue** on the secret - MICRM\_REDSHIFT\_RPT\_DB\_ETL\_DEV, MICRM\_REDSHIFT\_RPT\_DB\_RPT\_DEV, MICRM\_REDSHIFT\_RPT\_DB\_DASH\_DEV, MICRM\_REDSHIFT\_RPT\_DB\_ANYLS\_DEV .
5. Also, request you to grant **rajkumar.sangram@happiestminds.com, rahul.ranjan@happiestminds.com** to have access to perform **GetSecretValue** on the secret - MICRM\_REDSHIFT\_RPT\_DB\_RPT\_DEV, MICRM\_REDSHIFT\_RPT\_DB\_DASH\_DEV.

Providing below the set-up needed for WLM Configuration for Test Cluster.

**Cluster Details**

Account              : 692425240801

Redshift Cluster :  mi-crm-redshift-cluster-test

**Parameter Group creation**

1. WLM-MICRM-RPT-TEST with Automatic WLM option configured.

**Queues under WLM-MICRM-RPT-TEST**

1. Wlq-DB-ETL (Query Priority – Normal, Concurrency scaling mode – Off)
2. Wlq-RPT-OPN (Query Priority – Normal, Concurrency scaling mode – Off)
3. Wlq-RPT-DASH (Query Priority – Normal, Concurrency scaling mode – On)
4. Wlq-DB-Analysis (Query Priority – Normal, Concurrency scaling mode – Off)

**DB User & Group Creation**

1. New user / group: etl\_user / etl\_user\_group
2. New user / group: rpt\_user / rpt\_user\_group
3. New user / group: dashboard\_user / dashboard\_user\_group
4. New user / group: analysis\_user / analysis\_user\_group

Note: These users are already created in both dev and test cluster DBs.

**User mapping to queues**

1. Map etl\_user\_group to Wlq-DB-ETL queue
2. Map rpt\_user\_group to Wlq-RPT-OPN queue
3. Map dashboard\_user\_group to Wlq-RPT-DASH queue
4. Map analysis\_user\_group to Wlq-DB-Analysis queue

**Secret Creation**

1. Secret creation for the newly created db users as below

Note: The credentials for these users are already shared with nagender.singh@nagarro.com and vikas.yadav01@nagarro.com separately.

|  |  |
| --- | --- |
| MICRM\_REDSHIFT\_RPT\_DB\_ETL\_TEST | etl\_user |
| MICRM\_REDSHIFT\_RPT\_DB\_RPT\_TEST | rpt\_user |
| MICRM\_REDSHIFT\_RPT\_DB\_DASH\_TEST | dashboard\_user |
| MICRM\_REDSHIFT\_RPT\_DB\_ANYLS\_TEST | analysis\_user |

**Other Access Needed**

**arn:aws:iam::692425240801:role/Redshift\_Kinesis\_role** needs to have permission for retrieving the secret details for **MICRM\_REDSHIFT\_RPT\_DB\_ETL\_TEST**