



< Redshift:Redshift-cluster-user-lock-unlock>

Release Note Document

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| --- | --- |
| PROJECT CODE: | <Project Code> |
| DEPLOYMENT INSTRUCTIONS |  |
| PROJECT MANAGER | Ellie Wang |
| DEVELOPERS | Chander M Singh |
| DATE | <Date of Deployment> |

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# Document Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| VERSION | DATE | AUTHOR | CHANGE DESCRIPTION |
| 1.0 | 05/10/2016 | Chander M Singh | This script will lock and unlock the redshift users mentioned in the configuration files . **enable\_users\_list.sql**  **disable\_users\_list.sql** |
|  |  |  |  |
|  |  |  |  |

# Deployment Overview

## Source Details

|  |  |  |  |
| --- | --- | --- | --- |
|  | Source Object Name | Environment/Source | Source Type |
| Source  *Lists* |  | Redshift Clusters |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Target Details

|  |  |  |  |
| --- | --- | --- | --- |
|  | Target Object Name | Environment/Target | Target Type |
| Target  *Lists* |  | Redhsift clusters : |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Scheduling

|  |  |
| --- | --- |
|  |  |
| Scheduling | Refer to Appworx Spreadsheet. |

|  |  |  |
| --- | --- | --- |
| SCRIPT NAME | SCRIPT LOCATION | LABEL |
| redshift\_lock\_unlock\_users.sh  enable\_disable.sh  enable\_users\_list.sql  disable\_users\_list.sql  redshift-server\_id-pass\_prod | Hostname :production server  Directory /home/directory | 1.0 |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# Deployment Instructions

## Table/Repository Backups Required

List any objects that require backup. If no objects required, indicate with an “N/A”.

|  |  |  |  |
| --- | --- | --- | --- |
| STEP # | DESCRIPTION | DURATION | PERFORMED BY |
| 1. | N/A |  |  |
| 2. |  |  |  |
| 3. |  |  |  |
| 4. |  |  |  |

## Production Pre-Deployment Dependencies

List any chain, modules or processes that must be completed prior to the production deployment. If none, indicate with an “N/A”.

|  |  |  |  |
| --- | --- | --- | --- |
| STEP # | DESCRIPTION | DURATION | PERFORMED BY |
| 1. | N/A |  |  |
| 2. | Bash, awk, sed and standard Linux utilities |  |  |
| 3. |  |  |  |
| 4. |  |  |  |

## Deployment Instructions (Steps Executed Sequentially, Unless Noted)

List steps by order of deployment. For multiple day deployments, document the steps in order by day of deployment. If steps are non-sequential, indicate as well.

|  |  |  |  |
| --- | --- | --- | --- |
| STEP # | GO-NO-GO | DATE / TIME | Rollback Steps |
| 1. |  | DATE/TIME | Reference section F |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| STEP # | DESCRIPTION | PROVIDE:   1. App Tool 2. Login@DBase | DURATION | DEV/APP ANALYST |
| 1. | 1. Copy to production 2. chmod 755 \* 3. Edit the **redshift-server\_id-pass\_prod**   with the server, loginid, and other details as mentioned  **servername:loginid:password:database:port\_no**  For example :-  rsamd1:csingh1:CMSCS:cvrsamd:5453   1. **./redshift\_lock\_unlock\_users.sh**   USAGE : ./redshift\_lock\_unlock\_users.sh 'enable/disable'  For Example : -  **./redshift\_lock\_unlock\_users.sh enable**  or  **./redshift\_lock\_unlock\_users.sh disable** | scp,ssh | 20 min | DBA |
| 2. | Complete Appworx spreadsheet |  | 1 hour | AppSupport/DBA (onsite DBA should put cvadmin password in Appworx) |
| 3. | USAGE : ./redshift\_lock\_unlock\_users.sh 'enable/disable'  For Example : -  **./redshift\_lock\_unlock\_users.sh enable** or **./redshift\_lock\_unlock\_users.sh disable** |  |  |  |
| 4. |  |  |  |  |
| 5. |  |  |  |  |
| 6. |  |  |  |  |
| 7. |  |  |  |  |
| 8. |  |  |  |  |
| 9. |  |  |  |  |
| 10. |  |  |  |  |
| 11. |  |  |  |  |
| 12. |  |  |  |  |
| 13. |  |  |  |  |
| 14. |  |  |  |  |
| 15 |  |  |  |  |

## Initial History Load

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Initial/History Load Required** | **Yes** | **No** | **Archive Logging Disabled** | **Yes** | **No** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| STEP # | DESCRIPTION | PROVIDE:   1. App Tool 2. Login@DBase | DURATION | DEV/APP ANALYST |
| 1. |  |  |  |  |
| 2. |  |  |  |  |
| 3. |  |  |  |  |
| 4. |  |  |  |  |

## Post-Deployment Verification

Steps to validate the deployment: This may include queries, test run in the UAT environment or other tasks to confirm the deployment was successful.

|  |  |  |  |
| --- | --- | --- | --- |
| STEP # | DESCRIPTION | DURATION | PERFORMED BY |
| 1. | Make sure the job completed successfully. | 15 | Admin |
| 2. |  |  |  |
| 3. | Ticket Created in both warning and Critical level |  | Admin |
| 4. |  |  |  |

## Rollback Instructions (Required)

Instructions to rollback a deployment, should the post-deployment verification be unsuccessful.

|  |  |  |  |
| --- | --- | --- | --- |
| STEP # | DESCRIPTION | DURATION | PERFORMED BY |
| 1. | Connect (ssh ) to server as dba  cd /home/user  **rm redshift\_lock\_unlock\_users.sh**  **enable\_disable.sh**  **enable\_users\_list.sql**  **disable\_users\_list.sql**  **redshift-server\_id-pass\_prod** | 15 min | DBA |
| 2. | Delete Appworx job and chain | 20 min | AppSupport |
| 3. | Test step to validate that rollback is successful:  Connect (ssh ) to server as dba  Run command below  **ls -la /home/directory/ |grep -e “redshift\_lock\_unlock\_users.sh” -e “enable\_disable.sh”**  **” -e “enable\_users\_list.sql**  **”-e “disable\_users\_list.sql**  **” –e “redshift-server\_id-pass\_prod” | wc -l**  Expected result : 0 | 5 min | DBA |
| 4. |  |  |  |

## Post-Deployment Clean-Up

Process involves steps to remove temporary objects, files, scripts and any other non-permanent objects from the production server once the deployment has been validated and determined to be successful.

|  |  |  |  |
| --- | --- | --- | --- |
| STEP # | DESCRIPTION | DURATION | PERFORMED BY |
| 1. | N/A |  |  |
| 2. |  |  |  |
| 3. |  |  |  |
| 4. |  |  |  |