They 



< Redshift: Redshift\_cluster\_tables\_check>

Release Note Document

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| --- | --- |
| PROJECT CODE: | <Project Code> |
| DEPLOYMENT INSTRUCTIONS |  |
| PROJECT MANAGER | Kotesh Cheruku |
| DEVELOPERS | Chander M Singh |
| DATE | 5/17/2016 |

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# Document Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| VERSION | DATE | AUTHOR | CHANGE DESCRIPTION |
| 1.0 | 05/10/2016 | Chander M Singh | The script will run following jobs   * disable\_job , enable\_job for each cluster * disable\_job on Appworx run after end of Business Hours period. * enable\_job on Appworx run before start of Business Hours period. |
|  |  |  |  |
|  |  |  |  |

# Deployment Overview

## Short Description

The script will run following jobs

disable\_job , enable\_job for each cluster

Schedule disable\_job on Appworx run after end of Business Hours period.

Schedule enable\_job on Appworx run before start of Business Hours period.

Exclusion of users are defined in following parameter file name: clusterID\_disable\_exclude\_users\_list.prm

Format of file structure (one column ):

user\_name

## Source Details

|  |  |  |  |
| --- | --- | --- | --- |
|  | Source Object Name | Environment/Source | Source Type |
| Source  *Lists* |  | EC2 Instances |  |
| Production | CVLPAWSBIS1.cablevision.com | Production |
|  |  |  |
| UAT/DEV | cvluawsbisam1 | UAT/DEV |

## Target Details

|  |  |  |  |
| --- | --- | --- | --- |
|  | Target Object Name | Environment/Target | Target Type |
| Target  *Lists* |  | Redhsift clusters :  All : UAT, PRODUCTION, DEV |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Scheduling

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

|  |  |  |
| --- | --- | --- |
| SCRIPT NAME | SCRIPT LOCATION | LABEL |
| ./redshift\_lock\_unlock\_dbusers.sh | /pvcsapp/data/CorpIS\_A\_H/work/EDM\_DMIS/AutoOps/AM | 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. |  |  |  |
| 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. | **./redshift\_lock\_unlock\_dbusers.sh** '**<enable/disable>' 'redshift\_host\*, redshift\_port ,redshift\_db\_name, redshift\_superuser\_name, redshift\_superuser\_password '**  For Example : -  USAGE :  USAGE examples  ./redshift\_lock\_unlock\_dbusers.sh '<enable/disable>' 'redshift\_host\*, redshift\_port ,redshift\_db\_name, redshift\_superuser\_name, redshift\_superuser\_password '  For Example : -  USAGE : ./redshift\_lock\_unlock\_dbusers.sh 'enable' 'redshift\_host\*, redshift\_port ,redshift\_db\_name, redshift\_superuser\_name, redshift\_superuser\_password rsamt1.Enable\_latest\_disabled\_users.sql'  or  USAGE : ./redshift\_lock\_unlock\_dbusers.sh 'disable' 'redshift\_host\*, redshift\_port ,redshift\_db\_name, redshift\_superuser\_name, redshift\_superuser\_password'  An example to disable the users  **./redshift\_lock\_unlock\_dbusers.sh** disable rsamt1 5453 cvrsamt csingh1 CSingh\_uqw434t || while IFS= read -r line; do echo "$(date) $line"; done > $(date).redshift\_lock\_unlock\_dbusers.disable.log\*  An example : To enable the db users  1. time bash -x ./redshift\_lock\_unlock\_dbusers.sh disable rsamt1 5453 cvrsamt csingh1 CSingh\_1234t **rsamt1.Enable\_latest\_disabled\_users.sql** | **while IFS= read -r line; do echo "$(date) $line"; done > $(date).redshift\_lock\_unlock\_dbusers.disable.log\***  **Note :** The command after pipe will ensure the timestamp bound log of the commands to a log file.  **2). Host based exclusion file :-**  **<host>\_disable\_exclude\_users\_list.prm**  **For esample**  rsamt1\_disable\_exclude\_users\_list.prm  The file should contain all the users who should be excluded from lock |  | 20 min | DBA |
| 2. | Complete Appworx spreadsheet |  | 3 hour | AppSupport/DBA (onsite DBA should put cvadmin password in Appworx) |
| 3. |  |  |  |  |
| 4. | Go No-Go 5/19/2016 | 4 PM |  | DBA/ AppSupport |

## 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. | Logs created in log directory to store the logs |  | Admin |
| 3. | Time stamp based log file created for logging the time of each sql command | 5 | 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 ec2 instances ( For prod CVLPAWSBIS1.cablevision.com “ : as dba  cd / /appbisam/DBA/scripts   1. **rm redshift\_lock\_unlock\_dbusers.sh** 2. **rm <host>\_disable\_exclude\_users\_list.prm** | 15 min | DBA |
| 2. | Delete Appworx job and chain | 20 min | AppSupport |
| 3. | Test step to validate that rollback is successful:  Connect (ssh ) to cvlpawsbis1.cablevision.com as rsdba  Run command below  **ls -la /appbisam/DBA/scripts**  **|grep -e “redshift\_lock\_unlock\_dbusers.sh” -e | 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. |  |  |  |