

Technical Documentation

Svm Dr - Update

nov 2018

*Number of pages : 7*

*Version : 1.0.1*

# Document Information

## Revision History

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | Version | Status | Prepared by | Comments |
| 2018-11-14 | 1.0.1 | Draft | WFA | Initial Draft |
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## Document Control

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| Role | Name | E-mail | Telephone |
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## Approval

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| --- | --- | --- | --- |
| Role | Name | Signature | Sign-off Date |
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# Introduction

## Purpose

This document defines the operation of the workflow, input parameters and performed tasks.

## Description

Updates an svm dr relation  
Also updates the snapmirrors  
  
This workflow should be scheduled frequently to make sure new volumes and other changes are picked up.

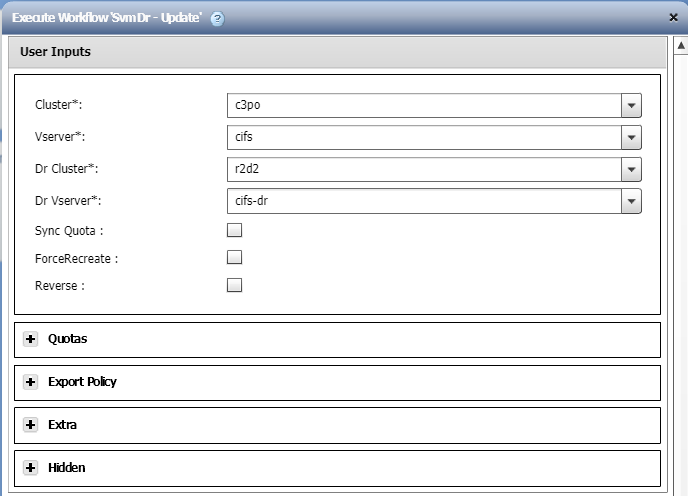
## Assumptions

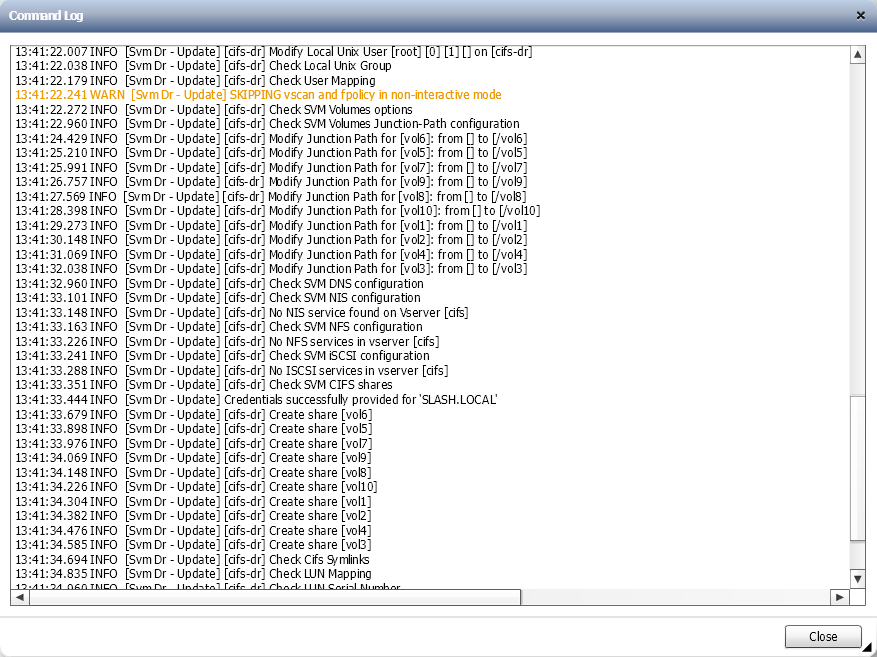
For individuals reading this document please note that the following has been assumed:

* A familiarity with NetApp products and technologies
* WFA configuration and NAS system configuration meets requisites and configuration defined in the documents "Storage Engineering WFA Standards" and "Storage Engineering WFA NAS Provisioning and amendments Standards"

# Workflow Inputs and outputs

## Screenshot





## Workflow inputs

The table below shows the general workflow inputs.

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Description | Notes |
| Cluster | Query |  | Mandatory. |
| Vserver | Query |  | Mandatory. |
| Dr Cluster | Query |  | Mandatory. |
| Dr Vserver | Query |  | Mandatory. |
| Sync Quota | Boolean | Enables Quota Dr Sync |  |
| ForceRecreate | Boolean |  |  |
| Reverse | Boolean |  |  |
| IgnoreQuotaOff | Boolean |  | Conditional based on 'Sync Quota' when the values are: true. |
| ForceDeleteQuota | Boolean |  | Conditional based on 'Sync Quota' when the values are: true. |
| CorrectQuotaErrors | Boolean |  | Conditional based on 'Sync Quota' when the values are: true. |
| IgnoreQtreeExportPolicy | Boolean |  |  |
| Debug | Boolean |  |  |
| Dr Suffix | Query |  | Mandatory. |

## Workflow outputs

None.

# Workflow operation

## Workflow commands

The table below shows the commands used in the workflow.

Not all the commands may run in every execution. There are conditionals that may disable a set of commands if conditions are met.

|  |  |  |
| --- | --- | --- |
| Name | Base command | Description |
| Search or define | Search or define / 1.0.0 | This is an empty command used for search or define step in the designer. |
| Svm Dr - Create Cluster Relation | Svm Dr - Create Cluster Relation / 1.0.0 | Creates & Updates a relationship configuration between 2 vservers |
| Svm Dr - Update | Svm Dr - Update / 1.0.0 | Updates relationships between 2 vserver. It creates missing parts when possible (just like New-SvmDr does) It triggers snapmirror updates |
| Svm Dr - Update Reverse | Svm Dr - Update Reverse / 1.0.0 | Updates relationships between 2 vserver in the opposite direction (destination -> source). It creates missing parts when possible It triggers snapmirror updates (reversed) This cmdlet always run in Non-Interactive Mode and is created to be scheduled after a disaster The idea is to copy the changes back to the source, during a disaster  This command is a logical step after an SvmDr Resync Reverse The next logical step would be SvmDr Recover From Dr |

# Apendix

## Workflow versions

|  |  |
| --- | --- |
| Version | Comments |
| 1.0.0 | Initial version |
| 1.0.1 | Drop config file |