Export and Import cDOT config

# Purpose

Export Proteced-Volumes(Snapmirrored) cifs shares and related to XML file and import to secondary system.

This used for backing up more then volumes itself.

# SCOPE

This script export the config below on specific svm only for protected volumes:

* Cifs shares
* Mount Path
* Unix Users
* Unix Groups
* Name Mapping

# Prerequisites

* Powershell toolkit from NetApp site ---- https://mysupport.netapp.com/site/tools (tested on 9.7)
* Snapmirrored machines **with the same volumes name on source and destination**

# Procedure

## backup

1. Open Powershell ISE as Administrator on Windows system where toolkit installed
2. Run script, using .\backupConfig.ps1 with parameters.
   1. Paramters are:
      * Cluster – ip / dns for primary system
      * ClusterUser – primary admin user
      * ClusterPassword – primary admin password
      * Vserver – primary svm
      * ClusterDR - ip / dns for secondary DR system
      * ClusterDRUser – secondary admin user
      * ClusterDRPassword – secondary admin password
      * VserverDR – secondary vserver
3. The script generate 6 XML format files to “C:\” (hard-coded on this version):
   * Protected Volumes
   * Cifs Shares
   * Cifs Shares ACL
   * Unix Users
   * Unix Groups
   * Name Mapping
4. You can scheduled this for backing up the Primary system

## Import

1. Open Powershell ISE as Administrator on Windows system where toolkit installed
2. Run script, using .\importConfig.ps1 with parameters.
3. Same parameters as [backup](#_backup).
4. The script imports the files from C:\\*.xml and use them to create cifs shares, name mapping etc…

Good luck,

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