**Cannot Connect to Source Filer**

**Corrective Procedure (Tasks)**

**Identification :** Migration Completed Correctly. Snapvault not being reconfigured correctly.

**Define the Action Type** : Update snapvault permissions/location and delete original

**Severity** – Med (multiple locations exist. Wasting space)

**Action Type** – Manual

**Corrective Action**

**Defined Process**: login to any CPS DFM(dfme/dfmh/dfmf)

Server; run the following process and provide filer name and

volume name (**marked bold**)

1. Run: Grep <vol> /filers/admin/conf\*/.map

netapp@nidaros:~/netapp/scripts/Weekly\_Aggr\_Status> grep clnt-corp-e0096 /filers/admin/conf/\*.map

/filers/admin/conf/Vfiler\_physical.map:clnt-corp-e0096.int.westgroup.com:eg-nasclntc-e08.int.westgroup.com

/filers/admin/conf/Vfiler\_volume.map:clnt-corp-e0096:clnt\_corp\_e0096\_root

/filers/admin/conf/Vfiler\_volume.map:clnt-corp-e0096:infra\_ln\_mn1wlnxca\_vms\_v01\_snap07

1. Run: rsh <filer> snapvault status –l CHECKING FOR GOOD SNAP

netapp@nidaros:~/netapp/scripts/Weekly\_Aggr\_Status> rsh eg-nasclntc-e08 vfiler run clnt-corp-e0096 snapvault status -l /vol/infra\_ln\_mn1wlnxca\_vms\_v01\_snap07

===== clnt-corp-e0096

Snapvault primary is ON.

Source: clnt-corp-e0096:/vol/infra\_ln\_mn1wlnxca\_vms\_v01\_snap07

Destination: corph2:/vol/sv\_7\_infra\_ln\_mn1wlnxca\_vms\_v01\_snap07\_newdest/1

Status: Idle

Progress: -

State: Source

Lag: 513:35:19

Mirror Timestamp: Mon Oct 17 02:01:14 CDT 2011

Base Snapshot: sv\_infra\_ln\_mn1wlnxca\_vms\_v01\_snap07.3

Current Transfer Type: -

Current Transfer Error: -

Contents: -

Last Transfer Type: -

Last Transfer Size: 54364460 KB

Last Transfer Duration: 00:17:59

Last Transfer From: -

1. Check for migration/ aging snapshots…..

netapp@nidaros:~/netapp/scripts/Weekly\_Aggr\_Status> cd ..

netapp@nidaros:~/netapp/scripts> cd Migration\_from\_32b\_to\_64b\_aggregates/

netapp@nidaros:~/netapp/scripts/Migration\_from\_32b\_to\_64b\_aggregates> ./check\_aging\_snapshots | grep sv\_7\_infra\_ln\_mn1wlnxca\_vms\_v01\_snap07

netapp@nidaros:~/netapp/scripts/Migration\_from\_32b\_to\_64b\_aggregates> ./check\_aging\_snapshots | grep infra\_ln\_mn1wlnxca\_vms\_v01\_snap07

netapp@nidaros:~/netapp/scripts/Migration\_from\_32b\_to\_64b\_aggregates> grep infra\_ln\_mn1wlnxca\_vms\_v01\_snap07 /filers/admin/conf/\*.map

/filers/admin/conf/Vfiler\_volume.map:clnt-corp-e0096:infra\_ln\_mn1wlnxca\_vms\_v01\_snap07

/filers/admin/conf/Vfiler\_volume.map:corph2:sv\_7\_infra\_ln\_mn1wlnxca\_vms\_v01\_snap07\_newdest

/filers/admin/conf/Vfiler\_volume.map:eg-nasbkp-h01:sv\_7\_infra\_ln\_mn1wlnxca\_vms\_v01\_snap07\_MIGRATED

1. Run snapvault status for old filer

#############################Check LAG snap###################################

netapp@nidaros:~/netapp/scripts/Migration\_from\_32b\_to\_64b\_aggregates> rsh eg-nasclntc-e08 vfiler run clnt-corp-e0096 snapvault status

===== clnt-corp-e0096

Snapvault primary is ON.

Source Destination State Lag Status

clnt-corp-e0096:/vol/infra\_ln\_mn1wlnxca\_vms\_v01\_snap07 corph2:/vol/sv\_7\_infra\_ln\_mn1wlnxca\_vms\_v01\_snap07\_newdest/1 Source 513:38:00 Idle

1. Snapvault status for new destination.

netapp@nidaros:~/netapp/scripts/Migration\_from\_32b\_to\_64b\_aggregates> rsh eg-nascorpbkp-h02 vfiler run corph2 snapvault status -l /vol/sv\_7\_infra\_ln\_mn1wlnxca\_vms\_v01\_snap07\_newdest/1

===== corph2

Snapvault secondary is ON.

Source: clnt-corp-e0096.int.westgroup.com:/vol/infra\_ln\_mn1wlnxca\_vms\_v01\_snap07

Destination: corph2:/vol/sv\_7\_infra\_ln\_mn1wlnxca\_vms\_v01\_snap07\_newdest/1

Status: Idle

Progress: -

State: Snapvaulted

Lag: 513:39:30

Mirror Timestamp: Mon Oct 17 02:01:14 CDT 2011

Base Snapshot: corph2(0118073821)\_sv\_7\_infra\_ln\_mn1wlnxca\_vms\_v01\_snap07\_newdest-base.0

Current Transfer Type: -

Current Transfer Error: -

Contents: Replica

Last Transfer Type: Update

Last Transfer Size: 54364460 KB

Last Transfer Duration: 00:17:55

Last Transfer From: clnt-corp-e0096.int.westgroup.com:/vol/infra\_ln\_mn1wlnxca\_vms\_v01\_snap07

1. Snap List

netapp@nidaros:~/netapp/scripts/Migration\_from\_32b\_to\_64b\_aggregates> rsh eg-nascorpbkp-h02 vfiler run corph2 snap list sv\_7\_infra\_ln\_mn1wlnxca\_vms\_v01\_snap07\_newdest

===== corph2

Volume sv\_7\_infra\_ln\_mn1wlnxca\_vms\_v01\_snap07\_newdest

working...

%/used %/total date name

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0% ( 0%) 0% ( 0%) Nov 07 00:01 nightly.0

0% ( 0%) 0% ( 0%) Nov 06 00:00 nightly.1

0% ( 0%) 0% ( 0%) Nov 05 00:00 nightly.2

0% ( 0%) 0% ( 0%) Nov 04 00:00 nightly.3

0% ( 0%) 0% ( 0%) Nov 03 00:01 nightly.4

0% ( 0%) 0% ( 0%) Nov 02 00:01 nightly.5

0% ( 0%) 0% ( 0%) Nov 01 00:01 nightly.6

0% ( 0%) 0% ( 0%) Oct 31 00:00 nightly.7

0% ( 0%) 0% ( 0%) Oct 30 00:00 nightly.8

0% ( 0%) 0% ( 0%) Oct 29 00:00 nightly.9

0% ( 0%) 0% ( 0%) Oct 28 00:00 nightly.10

0% ( 0%) 0% ( 0%) Oct 27 00:00 nightly.11

0% ( 0%) 0% ( 0%) Oct 26 00:00 nightly.12

0% ( 0%) 0% ( 0%) Oct 25 00:00 nightly.13

0% ( 0%) 0% ( 0%) Oct 24 00:00 nightly.14

0% ( 0%) 0% ( 0%) Oct 23 00:00 nightly.15

0% ( 0%) 0% ( 0%) Oct 22 00:00 nightly.16

0% ( 0%) 0% ( 0%) Oct 21 00:00 nightly.17

0% ( 0%) 0% ( 0%) Oct 20 00:00 nightly.18

0% ( 0%) 0% ( 0%) Oct 19 00:00 nightly.19

0% ( 0%) 0% ( 0%) Oct 18 00:00 nightly.20

0% ( 0%) 0% ( 0%) Oct 17 14:37 corph2(0118073821)\_sv\_7\_infra\_ln\_mn1wlnxca\_vms\_v01\_snap07\_newdest-base.0 (busy,snapvault)

23% (23%) 3% ( 3%) Oct 17 00:00 nightly.21

23% ( 0%) 3% ( 0%) Oct 16 00:01 nightly.22

23% ( 0%) 3% ( 0%) Oct 15 00:00 nightly.23

23% ( 0%) 3% ( 0%) Oct 14 00:00 nightly.24

23% ( 0%) 3% ( 0%) Oct 13 00:00 nightly.25

23% ( 0%) 3% ( 0%) Oct 12 00:00 nightly.26

23% ( 0%) 3% ( 0%) Oct 11 00:00 nightly.27

23% ( 0%) 3% ( 0%) Oct 10 00:00 nightly.28

23% ( 0%) 3% ( 0%) Oct 09 00:02 nightly.29

23% ( 0%) 3% ( 0%) Oct 08 00:00 nightly.30

1. Snapvault update

netapp@nidaros:~/netapp/scripts/Migration\_from\_32b\_to\_64b\_aggregates> rsh eg-nascorpbkp-h02 vfiler run corph2 snapvault update -S clnt-corp-e0096.int.westgroup.com:/vol/infra\_ln\_mn1wlnxca\_vms\_v01\_snap07 /vol/sv\_7\_infra\_ln\_mn1wlnxca\_vms\_v01\_snap07\_newdest/1

===== corph2

Transfer started.

Monitor progress with 'snapvault status' or the snapmirror log.

**Monitoring Progress:**

**Monitor space** :

**Defined Success:**

1. All test should be pass
2. All commands should run without any problem
3. .snapshot area should shrink below 90%
4. Snapvault status should show “Snavault (IDLE)

**Completion Task:**

After all the success calculate amount of space saved.

**Escalation Path**

Who Bipul/Brett/Paul

How email storage team members

When when any test or any commands exits with an error