NetApp Knowledge Base

SCV backup sometimes fails if duplicate NFS IP addresses exist accross multiple SVMs

https://kb-stage.netapp.com/data-mgmt/SnapCenter/SC_KBs/SCV_backup_sometimes_fails_if_duplica…
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Applies to

- SnapCenter Plug-in for VMware vSphere (SCV) 4.5
- Duplicate NFS IP addresses exist across multiple storage virtual machine (SVM)s
- NFS export paths are same for the NFS datastores

Issue

- SCV sometimes selects wrong SVM as a backup target; then fails
- `vmcontrol_<JOB_ID>.log` shows that SCV selects wrong SVM by using duplicate NFS IP

```
DEBUG <HOST> --- [tp1694819250-10] c.n.a.d.VsphereDiscoveryManager
```

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```
 : Datastore type is NFS
DEBUG <HOST> --- [tp1694819250-10] c.n.a.m.DatastoreStorageDetailsCache
  : Calling GetNasStorageInfo with NFS LIF <IP> and exportPath
<EXPORTPATH>
..
DEBUG <HOST> --- [tp1694819250-10] c.n.a.m.DatastoreStorageDetailsCache
  : Calling GetNasStorageInfo with NFS LIF finished
DEBUG <HOST> --- [tp1694819250-10] c.n.a.m.DatastoreStorageDetailsCache
  : Storage footprint found for nfsLif <IP> and exportPath <EXPORTPATH>:
 ipAddress null vserverName <SVM> volumeName <VOLUME> junctionPath
<JUNCTIONPATH> isLocatedOnFGfalse
```

- `Job-<JOB_ID>.log` shows request is executed against wrong SVM; then fails

  Example:

  ```
  [DBG] Running Command New-NcSnapshotMulti controller name : <IP>, vserver
  : <SVM>
  [ERR] API exception
  [ERR] Failed to run a command New-NcSnapshotMulti
  [DBG] ex.Message : Invalid input. Reason: Operation allowed only on
  Read_Write (RW) volumes.
  [DBG] ex.InnerException.Message : Invalid input. Reason: Operation allowed
  only on Read_Write (RW) volumes.
  ..
  [ERR] Error: Snapshot operation failed, Exception:Failed to run a command
  New-NcSnapshotMulti

    Invalid input. Reason: Operation allowed only on Read_Write (RW)
  volumes.
  ```

  Note: Error can be varied depends on the configuration

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