**Netapp data migration**

Netapp data migration can be performed using the existing native tools.

Volume and Qtree based migration can be performed using “Snapmirror” tool to copy the data to destination filer .Once the data has been copied to the destination filer communication and authentication needs to be setup manually. This kind of migration also requires all the existing shares to be pointed to the new Netappfiler(in case DNS is used same name can be used but the DNS entry is required).

When the Netapp storage is configured using vfiler , Native “vfiler migrate” can be used to migrate all the data and attributes(ipaddress,name etc) associated with the filer.

While the NFS migration is a online, CIFS migration is disruptive during the last phase of the cut off because CIFS protocol behaviour.

Here are steps to migrate using vfiler migration tool.

* Seup the destination controller to be in the same network as the source controller with the virtual interfaces configured with the same names.
* Verify the communication to the source filer from the destination filer.

*vfiler migrate –l <src filer username>:<src filer password> -e interfacename:ipaddress:netmask <src vfiler name>@<src filer>*

* Start the source filer migration to destination filer by issuing the command on the destination filer.

*vfiler migrate start –l <src filer username>:<src filer password> -e interfacename:ipaddress:netmask <src vfiler name>@<src filer>*

* Verify the status of the migration.

*vfiler migrate status –l <src filer username>:<src filer password> <src vfiler name>@<src filer>*

* Issue the “complete” command to redirect all the traffic from the src to destination.

*vfiler migrate complete –l <src filer username>:<src filer password> <src vfiler name>@<src filer>*