

Adding and removing volumes and FlasCopy relationships

You can use the `ibmvfcg.exe` utility to perform the pool management tasks of adding, removing, and listing volumes and FlashCopy relationships on the SVC.

The IBM System Storage Support for Microsoft Volume Shadow Copy Service and Virtual Disk Service software maintains a free pool of volumes and a reserved pool of volumes. These pools are implemented as virtual host systems on the SAN Volume Controller. Table 44 describes the `ibmvfcg.exe` commands for adding or removing volumes from the free pool of volumes.

Table 44. Pool management commands

Command	Description	Example
<code>ibmvfcg listvols</code>	Lists all virtual disks (VDisks), including information about size, location, and VDisk to host mappings.	<code>ibmvfcg listvols</code>
<code>ibmvfcg listvolsall</code>	Lists all VDisks including information about size, location, and VDisk to host mappings.	<code>ibmvfcg listvolsall</code>
<code>ibmvfcg listvols free</code>	Lists the volumes that are currently in the free pool.	<code>ibmvfcg listvols free</code>
<code>ibmvfcg add -s ipaddress</code> Adds	one or more volumes to the free pool of volumes. Use the <code>-s</code> parameter to specify the IP address of the SAN Volume Controller where the VDisks are located. The <code>-s</code> parameter overrides the default IP address that is set with the <code>ibmvfcg set targetSVC</code> command.	<code>ibmvfcg add vdisk12 ibmvfcg add 600507 68018700035000000 0000000BA -s 66.150.210.141</code>
<code>ibmvfcg rem -s ipaddress</code>	Removes one or more volumes from the free pool of volumes. Use the <code>-s</code> parameter to specify the IP address of the SAN Volume Controller where the VDisks are located. The <code>-s</code> parameter overrides the default IP address that is set with the <code>ibmvfcg set</code>	<code>ibmvfcg rem vdisk12 ibmvfcg rem 600507 68018700035000000 0000000BA -s 66.150.210.141</code>
<code>ibmvfcg list infc</code>	Lists all the FlashCopy relationships on the SAN Volume Controller. This command lists both incremental and non-incremental FlashCopy relationships.	<code>ibmvfcg list infc</code>
<code>ibmvfcg del</code>	Deletes one or more FlashCopy relationships. Use the FlashCopy target's serial number to delete the relationship.	<code>ibmvfcg del 68018700035000000 0000000BA</code>

Note: The FlashCopy relationship will not be deleted if incremental FlashCopy is activated in the IBM Hardware Provider. It doesn't matter if the shadow copy context is persistent or volatile. If the user wants to delete the incremental FlashCopy relationship, they can do so using the `ibmvcfg.exe` utility.