

IBM System Storage support for Microsoft Volume Shadow Copy Service and Virtual Disk Service reconfiguration commands

After installation, you can use several commands on the ibmvfcg.exe tool to change or correct parameters that you used to install the Microsoft Volume Shadow Copy and Virtual Disk Services. To do this, you must use the utility ibmvfcg.exe. You do not have to set many of the settings because there are defaults that are provided for them in Microsoft Volume Shadow Copy and Virtual Disk Services. Table 22 shows the commands that you can use for reconfiguration.

Note: If you do not know which settings to provide (for example, passwords or user names) for the following commands, contact your system administrator.

Table 22. Microsoft Volume Shadow Copy and Virtual Disk Services reconfiguration commands

Command	Description	Example
ibmvfcg showcfg	Provides the current settings.	
<i>CIMOM settings</i>		
ibmvfcg set username <CIMOM username>	Sets the CIMOM user name.	ibmvfcg set username johnny
ibmvfcg set password <CIMOM password>	Sets the CIMOM user password.	ibmvfcg set usingSSL yes
ibmvfcg set cimomPort <portnum>	Specifies the CIMOM port number. The default value is 5989.	ibmvfcg set cimomHost cimomserver
ibmvfcg set namespace <namespace>	Specifies the namespace value that CIMOM is using. The default value is \root\ibm.	ibmvfcg set namespace root/ibm
<i>Volume Shadow Copy Service settings</i>		
ibmvfcg set incrementalFC	Allows the provider to make use of storage subsystem's incremental FlashCopy feature	To Enable: ibmvfcg set incrementalFC Yes To Disable: ibmvfcg set incrementalFC No
ibmvfcg listvols	Lists the volumes that are currently in the freepool, unassigned, or all volumes. By default, without any additional parameters, this command lists all of the volumes.	ibmvfcg listvols ibmvfcg listvols free ibmvfcg listvols unassigned ibmvfcg listvols all
ibmvfcg listvols free	Lists the volumes that are currently in the freepool, unassigned, or both.	ibmvfcg listvols free
ibmvfcg listvols unassigned	Lists the volumes that are currently in the freepool, unassigned, or both.	ibmvfcg listvols unassigned
ibmvfcg list infc	Lists all the FlashCopy relationships on the storage subsystem (both incremental and non-incremental relationships)	ibmvfcg list infc
ibmvfcg add	Adds a volume or volumes to the freepool.	ibmvfcg add 12312345 32112345
ibmvfcg rem	Removes a volume or volumes from the freepool.	ibmvfcg rem 51212345
ibmvfcg del	Deletes a list of FlashCopy relationships. This command takes the FlashCopy relationship's target volume's serial number as the input	ibmvfcg del 12312345 32112345

Table 22. Microsoft Volume Shadow Copy and Virtual Disk Services reconfiguration commands
(continued)

Command	Description	Example
ibmvcfg set vssFreeInitiator <WWPN>	Specifies the WWPN that designates the freepool. The default value is 5000000000000000. Modify this value only if there is a host already in your environment with a WWPN of 5000000000000000.	ibmvcfg set vssFreeInitiator 5000000000000000
ibmvcfg set vssReservedInitiator <WWPN>	Specifies the WWPN that designates the reservedpool. The default value is 5000000000000001. Modify this value only if there is a host already in your environment with a WWPN of 5000000000000001.	ibmvcfg set vssReservedInitiator 5000000000000001
ibmvcfg set FlashCopyVer <1 2>	Sets the FlashCopy version that is available on the storage unit. The default value is 1.	ibmvcfg set FlashCopyVer 1
<i>Virtual Disk Service settings</i>		
None		

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.