



# **Snap Creator variable and parameter descriptions**

## **Snap Creator Framework**

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# Snap Creator variable and parameter descriptions

Snap Creator includes built-in variables and parameters required in a basic configuration.

Variables	Description
%SNAP_TYPE	Used when you run Snap Creator and it is your retention policy (daily, weekly, monthly)
%SNAP_TIME	The timestamp (YYYYMMDDhhmmss) used in the naming of Snapshot copies to create a guaranteed unique name for every Snapshot copy. It is also used to name the backup reports and Sybase transaction logs.
%ACTION	The list of actions you can perform when you run Snap Creator: (backup
cloneVol	cloneLun
arch	restore
backupDel	backupList
cloneList	pmsetup
ossv)	%MSG
Used to send an error message to another program such as email or Tivoli It can only be used with the SENDTRAP function.	%USER_DEFINED

The following table lists and describes the Snap Creator parameters used in a basic configuration:

Parameter	Setting	Description
SNAME		Specifies the Snapshot copy naming convention It should be unique. Snapshot copies are deleted according to the naming convention.
SNAP_TIMESTAMP_ONLY	(Y	N)

<p>Sets the Snapshot naming convention. If set to Y, Snapshot copies end with YYYYMMDDHHMMSS. Otherwise, new Snapshot copies are renamed to end with YYYYMMDDHHMMSS.</p>	<p>VOLUMES</p>	
<p>Lists the primary storage controllers and volumes of which you want to create a Snapshot copy. For example:</p> <pre> controller1:vol1,vol2 ,vol3; controller2:vol1; controller3:vol2,vol3 </pre>	<p>VOLUME_GROUPS</p>	<p>vol_1,vol_2,vol_n</p>
<p>Defines multiple volumes into a single group. Multiple volumes are specified as a comma-separated list. For example:</p> <pre> VOLUMES_01=filer1:vol1,vol2,vol3;filer2:vol1 VOLUMES_02=filer1:vol3,vol4 VOLUMES_03=filer2:vol3,vol4 VOLUME_GROUPS=VOLUMES_01,VOLUMES_02,VOLUMES_03 </pre> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 20px;">  <p><b>VOLUME_GROUPS</b> is only supported for backup operations. If this parameter is set, then the <b>VOLUMES</b> parameter will be ignored during the backup.</p> </div>	<p>NTAP_SNAPSHOT_RETENTIONS</p>	

<p>Determines the number of Snapshot copies to be retained for a given policy For example:</p> <pre>daily:7,weekly:4,monthly:1</pre>	NTAP_USERS	
<p>Lists the storage systems and their corresponding user names and passwords For example:</p> <pre>controller1:joe/password1; controller2:bob/password2; controller3:ken/password3</pre> <p> Password must contain a minimum of two characters.</p>	NTAP_PWD_PROTECTION	(Y
N)	Enables or disables password protection You must encrypt all passwords (storage system and applications or plug-ins) and save encrypted passwords in configuration file.	TRANSPORT
HTTP	HTTPS	Enables you to use either HTTP or HTTPS to connect to the storage controller <b>Note:</b> HTTPS might require openssl-devel libraries.
PORT		Configures the port number the storage controllers use; normally: 80 and 443
LOG_NUM		Specifies the number of .debug and .out reports that Snap Creator has to retain
CONFIG_TYPE	PLUGIN	STANDARD

Specifies the configuration type There are two types of configurations: plug-in and standard. You can use multiple plug-in configurations to build complex quiesce and unquiesce backup workflows.	CMODE_CLUSTER_USERS	
(Required for clustered Data ONTAP) Lists the primary and secondary clustered Data ONTAP clusters and their corresponding user names and passwords For example:  <pre>cluster1:joe/password 1; cluster2:bob/password 2</pre>  Password must contain a minimum of two characters.	CMODE_CLUSTER_NAME	
(Required for clustered Data ONTAP) Specifies the name of the primary clustered Data ONTAP cluster	CMODE_SNAPSHOT_FORCE_DELETE	(Y
N)	Ensures deletion of Snapshot copies that should be deleted based on the Snapshot copy policy In clustered Data ONTAP, Snapshot copies are not deleted if they have any dependencies, such as a clone.	LOG_TRACE_ENABLE
(Y	N)	Enables or disables logging of all events If disabled, the Manage ONTAP Solution result objects are not logged.
ONTAP_TIMEOUT	Seconds	Sets the timeout value for all storage controller Manage ONTAP Solution calls; default is 60 seconds
USE_GLOBAL_CONFIG	(Y	N)

Enables you to use global configuration to store values	FEDERATED_APPLICATIONS	
Lists the configuration and profile names for the federated applications under the configuration For example:  <div style="border: 1px solid gray; padding: 5px; width: fit-content; margin: 5px 0;"> databases@db2;databases@oracle </div>	CMODE_SET	(Y)
N)	Defines whether the configuration is for clustered Data ONTAP or Data ONTAP operating in 7-Mode	ALLOW_DUPLICATE_SNAME
(Y	N)	(Optional) Enables or disables the ability to create a configuration file with a duplicate Snapshot name This parameter will not work with global (Super Global or Profile Global) configuration files.
SNAPCREATOR_MISSEDJOB_RUN	(Y	N)

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