



Variables available in the task scripts for the backup operation

SnapManager Oracle

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SnapManager provides context information in the form of environment variables related to the backup operation that is being performed. For example, your script can retrieve the name of the original host, the name of the retention policy, and the label of the backup.

The following table lists the environment variables that you can use in your scripts:

Variables	Description	Format
SM_OPERATION_ID	Specifies the ID of the current operation	string
SM_PROFILE_NAME	Specifies the name of the profile used	string
SM_SID	Specifies the system identifier of the database	string
SM_HOST	Specifies the host name of the database	string
SM_OS_USER	Specifies the operating system (OS) owner of the database	string
SM_OS_GROUP	Specifies the OS group of the database	string
SM_BACKUP_TYPE	Specifies the type of the backup (online, offline, or auto)	string
SM_BACKUP_LABEL	Specifies the label of the backup	string
SM_BACKUP_ID	Specifies the ID of the backup	string
SM_BACKUP_RETENTION	Specifies the retention period	string
SM_BACKUP_PROFILE	Specifies the profile used for this backup	string
SM_ALLOW_DATABASE_SHUTDOWN	Specifies if you want to start up or shut down the database. If required you can use the <code>-force</code> option from the command-line interface.	boolean

Variables	Description	Format
SM_BACKUP_SCOPE	Specifies the scope of the backup (full or partial)	string
SM_BACKUP_PROTECTION	Specifies if backup protection is enabled	boolean
SM_TARGET_FILER_NAME	Specifies the target storage system name Note: If more than one storage system is used, then the storage system names must be separated by commas.	string
SM_TARGET_VOLUME_NAME	Specifies the target volume name Note: The target volume name must be prefixed with storage device name, for example, SM_TARGET_FILER_NAME/SM_TARGET_VOLUME_NAME.	string
SM_HOST_FILE_SYSTEM	Specifies the host file system	string
SM_SNAPSHOT_NAMES	Specifies the Snapshot list Note: Name of the Snapshot copies must be prefixed with the storage system name and volume name. Names of the Snapshot copies are separated by commas.	string array
SM_ASM_DISK_GROUPS	Specifies the ASM Disk group list	string array
SM_ARCHIVE_LOGS_DIRECTORY	Specifies the archive logs directory Note: If the archive logs are located in more than one directory, then the names of those directories are separated by commas.	string array
SM_REDO_LOGS_DIRECTORY	Specifies the redo logs directory Note: If the redo logs are located in more than one directory, then the names of those directories are separated by commas.	string array
SM_CONTROL_FILES_DIRECTORY	Specifies the control files directory Note: If the control files are located in more than one directory, then the names of those directories are separated by commas.	string array

Variables	Description	Format
SM_DATA_FILES_DIRECTORY	Specifies the data files directory Note: If the data files are located in more than one directory, then the names of those directories are separated by commas.	string array
user_defined	Specifies additional parameters defined by the user. User-defined parameters are not available for plug-ins that are used as policies.	user-defined

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