



# IBM Storwize Pool Tasks

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This chapter contains the following sections:

- [Create IBM Storwize Pool, on page 2](#)
- [Delete IBM Storwize Pool, on page 3](#)
- [Expand IBM Storwize Pool, on page 4](#)
- [Rename IBM Storwize Pool, on page 5](#)

# Create IBM Storwize Pool

## Summary

Create IBM Storwize Pool

## Description

This task creates a new storage pool. A pool or storage pool is a collection of MDisks that jointly contain all of the data for a specified set of volumes. All MDisks in a pool are split into extents of the same size. Volumes are created from the extents that are available in the pool. You can add MDisks to a storage pool at any time either to increase the number of extents that are available for new volume copies or to expand existing volume copies. You can specify a warning capacity for a storage pool. A warning event is generated when the amount of space that is used in the storage pool exceeds the warning capacity. This is especially useful in conjunction with thin-provisioned volumes that have been configured to automatically consume space from the storage pool.

## Inputs

Input	Description	Mappable To Type	Mandatory
Account Name	Choose an IBM Storwize account	accountName	Y
Pool Name	Enter a name for the storage pool	gen_text_input	Y
Extent Size	Choose the extent size	IBMStorwizeExtentSize List	Y
Maximum Addressible Size	Maximum addressible size		
Warning Threshold(0 to 100)%	Enter a warning threshold value between 0 to 100	gen_text_input	Y
MDisks	Choose one or more unassigned MDisks	ibmStorwizeMdiskIdentity	

## Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_POOL_IDENTITY	Output of pool identity	ibmStorwizePool Identity
IBM_STORWIZE_OUTPUT_ACCOUNT_NAME	Output of infra account name	accountName
IBM_STORWIZE_OUTPUT_DATACENTER	Output of datacenter name on which selected operation was performed	datacenterName
IBM_STORWIZE_OUTPUT_TARGET_POOL_NAME	Output of target pool name	gen_text_input

# Delete IBM Storwize Pool

## Summary

Delete Pool

## Description

This task deletes the specified storage pool. Forcing the deletion will delete all the volumes, host mappings and mdisks associated with the specified pool. After you delete the pool, all the associated volumes and their host mappings are removed. If the pool is deleted, all the array mode MDisks in the pool are removed and all the member drives return to candidate status.

## Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool	Choose an IBM Storwize storage pool to delete	ibmStorwizePool Identity	Y
Delete all volumes, Host mappings and MDisks associated with the pool	Check to force delete of all volumes, host mappings, and MDisks associated with the pool	IBMStorwizeBoolean List	

## Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_POOL_IDENTITY	Output of pool identity	ibmStorwizePoolIdentity
IBM_STORWIZE_OUTPUT_TARGET_POOL_NAME	Output of target pool name	gen_text_input

# Expand IBM Storwize Pool

## Summary

Expand Pool

## Description

This task expands the capacity of the storage pool by adding the unmanaged midisks to the pool

## Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool	Choose an IBM Storwize storage pool to be expanded	ibmStorwizePoolIdentity	Y
MDisk	Choose an unassigned MDisk	ibmStorwizeMdiskIdentity	Y

## Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_POOL_IDENTITY	Output of pool identity	ibmStorwizePoolIdentity
IBM_STORWIZE_OUTPUT_TARGET_POOL_NAME	Output of target pool name	gen_text_input

# Rename IBM Storwize Pool

## Summary

Rename Pool

## Description

This task assigns a new name to the specified pool.

## Inputs

Input	Description	Mappable To Type	Mandatory
Storage Pool	Choose an IBM Storwize storage pool to rename	ibmStorwizePoolIdentity	Y
Storage Pool Name	Enter a name for the storage pool	gen_text_input	Y

## Outputs

Output	Description	Type
IBM_STORWIZE_OUTPUT_POOL_IDENTITY	Output of pool identity	ibmStorwizePoolIdentity
IBM_STORWIZE_OUTPUT_TARGET_POOL_NAME	Output of target pool name	gen_text_input

