# NetApp OnCommand Tasks

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# Add Dataset Member using NetApp OnCommand

**Summary**

Add members to a dataset using OnCommand.

**Description**

This task adds members to an existing dataset.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Filer Name | Filer Name | filerIdentity | Y |
| Dataset Name | Select Dataset Name | OnCommandVolumeDataset Identity | Y |
| Select Member Type | Select the Type of Dataset Member. | gen_text_input | Y |
| Dataset Member Name | Select the Dataset Member to be created. | gen_text_input | Y |

**Outputs**

| Output | Description | Type |
|---|---|---|
| OUTPUT_DATASET_MEMBER_NAME | Member of the Dataset | netAppOnCommandGroup Member |

# Add Group Member Using NetApp OnCommand

**Summary**

Adds a member to a group using OnCommand.

**Description**

Adds a member to the selected group.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Account Name | Account Name | OnCommandAccountIdentity | Y |
| Group Name | Select the Group Name in which the new Group Member needs to be created. | netAppOnCommandGroups | Y |
| Dataset Name | Select the Dataset to be deleted. | OnCommandAllDatasetIdentity | Y |

**Outputs**

| Output | Description | Type |
|---|---|---|
| OUTPUT_ONCOMMAND_LUN_DATASET_IDENTITY | Identity of the LUN Dataset | OnCommandLUNDataset Identity |
| OUTPUT_ONCOMMAND_VOLUME_DATASET_IDENTITY | Identity of the Volume Dataset | OnCommandVolumeDataset Identity |
| ONCOMMAND_GROUP_NAME | Name of the OnCommand Group | netAppOnCommandGroup Name |
| OUTPUT_DFM_ACCOUNT_IDENTITY | Identity of the OnCommand Account | OnCommandAccountIdentity |
| OUTPUT_DFM_UNASSIGNED_DATASET_IDENTITY | Identity of the OnCommand Un Assigned Dataset | OnCommandUnAssigned DatasetIdentity |
| OUTPUT_DFM_ASSIGNED_DATASET_IDENTITY | Identity of the OnCommand Assigned Dataset | OnCommandAssignedDataset Identity |

# Add LUN to Dataset using NetApp OnCommand

**Summary**

Create a LUN under the dataset based on the provisioning policy of the dataset using OnCommand.

**Description**

This task will create a LUN under the selected dataset, because of all the datasets listing in the task were having the provisioning policy storage container type is "LUN", So that any member added under the dataset can be created as LUN.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Dataset Name | Select Dataset Name | OnCommand LUNDatasetIdentity | Y |
| Storage Name | Enter the name of Storage. | lunName | |
| Storage Size (GB) | Enter the size of Storage. | netAppLunSize | Y |
| Snapshot Reserve (%) | Enter the Snapshot reserve in pecentage of Storage Size. | gen_text_input | |
| LUN Export Settings | Enter the export settings for the LUN. | gen_text_input | |
| Export Protocol Type | Select a protocol type for exporting a LUN. | gen_text_input | Y |
| OS Type | Select the operating system type of the initiators in this group. | ostype | Y |
| Initiator Name | Enter the name of the Initiator that needs to be created. | gen_text_input | Y |

**Outputs**

| Output | Description | Type |
|---|---|---|
| LUN_ID | ID of the LUN | gen_text_input |
| LUN_PATH | Path of the LUN on which the selected operation was performed | netAppLunPath |

# Add Resource Pool to Dataset using NetApp OnCommand

**Summary**

Assign a primary resource pool to the dataset using OnCommand.

**Description**

This task will assign a resource pool either filer/aggregate to the dataset selected in the task using OnCommand. Resources may be either Filer/Aggregates. Once the resources can be added to the pool, Datasets can be used later.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Dataset Name | Select the Dataset to be deleted. | OnCommandAllDatasetIdentity | Y |
| Resource Pool Name | Enter the Name of the Resouce pool to be created. | OnCommandResourcePool Identity | Y |

**Outputs**

| Output | Description | Type |
|---|---|---|
| OUTPUT_ONCOMMAND_LUN_ DATASET_IDENTITY | Identity of the LUN Dataset | OnCommandLUNDataset Identity |
| OUTPUT_ONCOMMAND_VOLUME_ DATASET_IDENTITY | Identity of the Volume Dataset | OnCommandVolumeDataset Identity |

# Add Volume to Dataset using NetApp OnCommand

**Summary**

Create a volume under the dataset based on the provisioning policy of the dataset using OnCommand.

**Description**

This task will create a volume under the selected dataset, because of all the datasets listing in the task were having the provisioning policy storage container type is "Volume", So that any member added under the dataset can be created as volume.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Dataset Name | Select Dataset Name | OnCommandVolumeDataset Identity | Y |
| Volume Name | Enter the Name of the Volume to be created. | gen_text_input | |
| Storage Size (GB) | Enter the size of Storage. | gen_text_input | Y |
| Snapshot Reserve (%) | Enter the Snapshot reserve in pecentage of Storage Size. | gen_text_input | Y |

**Outputs**

| Output | Description | Type |
|---|---|---|
| VOLUME_NAME | Name of the Volume on which the selected operation was performed | volume |
| OUTPUT_VOLUME_IDENTITY | Identity of the Volume | volumeIdentity |
| OUTPUT_FILER_IDENTITY | Identity of the Filer | filerIdentity |
| OUTPUT_VFILER_IDENTITY | Identity of the vFiler | vFilerIdentity |
| OUTPUT_VFILER_VOLUME_ IDENTITY | Identity of the vFiler Volume | vFilerVolumeIdentity |
| OUTPUT_DATASET_MEMBER_ NAME | Member of the Dataset | netAppOnCommandGroup Member |
| OUTPUT_ONCOMMAND_ DATASET_IDENTITY | Identity of the OnCommand Dataset | OnCommandAllDataset Identity |
| OUTPUT_QTREE_IDENTITY | Identity of the Qtree | netAppQTreeIdentity |
| OUTPUT_VFILER_QTREE_ IDENTITY | Identity of the vFiler Qtree | vFilerQtreeIdentity |
| OUTPUT_ALL_VFILER_VOLUME_ IDENTITY | Identity of the All vFilers volume | AllvFilerVolumeIdentity |

# Attach Storage Service to Dataset using NetApp OnCommand

**Summary**

Attach the storage service having protection/provision policies to the dataset using OnCommand.

**Description**

This task will attach the storage service to the selected dataset using OnCommand. So that any member can be added to the dataset according to the set of policies (provision, protection) of the storage service applied to the dataset.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Storage Service | Select Storage Service | OnCommandsStorageService Identity | Y |
| Dataset Name | Enter the Name of the Dataset to be created. | OnCommandAllDatasetIdentity | Y |

**Outputs**

| Output | Description | Type |
|---|---|---|
| DATASET_NAME | Name of the OnCommand Dataset. | datasetName |
| OUTPUT_ONCOMMAND_ DATASET_IDENTITY | Identity of the OnCommand Dataset | OnCommandAllDataset Identity |
| OUTPUT_DFM_ASSIGNED_ DATASET_IDENTITY | Identity of the OnCommand Assigned Dataset | OnCommandAssignedDataset Identity |
| OUTPUT_DFM_UNASSIGNED_ DATASET_IDENTITY | Identity of the OnCommand Un Assigned Dataset | OnCommandUnAssigned DatasetIdentity |
| OUTPUT_DFM_ACCOUNT_ IDENTITY | Identity of the OnCommand Account | OnCommandAccountIdentity |

# Create Dataset on vFiler using NetApp OnCommand

**Summary**

Create a dataset with the seconday resource pool as vfiler using OnCommand.

**Description**

This task will create a dataset with the seconday resource pool as vfiler using OnCommand. So that, if any members of this datasets were added based on the provisioning policy that will be added to the vfiler.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| vFiler Name | Select vFiler Name | dfmvfilerIdentity | Y |
| Dataset Name | Enter the Name of the Dataset to be created. | datasetName | Y |
| Provisioning Policy | Select Provisioning Policy. | OnCommandProvisPolicy Identity | Y |

**Outputs**

| Output | Description | Type |
|---|---|---|
| DATASET_NAME | Name of the OnCommand Dataset. | datasetName |
| OUTPUT_ONCOMMAND_ DATASET_IDENTITY | Identity of the OnCommand Dataset | OnCommandAllDataset Identity |
| OUTPUT_DFM_UNASSIGNED_ DATASET_IDENTITY | Identity of the OnCommand Un Assigned Dataset | OnCommandUnAssigned DatasetIdentity |
| OUTPUT_ONCOMMAND_VFILER_ IDENTITY | Identity of the OnCommand v Filer | dfmvfilerIdentity |
| OUTPUT_ONCOMMAND_ VOLUME_DATASET_IDENTITY | Identity of the Volume Dataset | OnCommandVolumeDataset Identity |
| OUTPUT_ONCOMMAND_LUN_ DATASET_IDENTITY | Identity of the LUN Dataset | OnCommandLUNDataset Identity |

# Create Dataset using NetApp OnCommand

**Summary**

Create a Dataset using OnCommand.

**Description**

A Dataset is a set of Storage units (Volumes, QTree, LUN). This task if for creating a dataset by adding existing storage units to the dataset.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Account Name | Account Name | OnCommandAccountIdentity | Y |
| Dataset Name | Enter the Name of the Dataset to be created. | datasetName | Y |

**Outputs**

| Output | Description | Type |
|---|---|---|
| OUTPUT_ONCOMMAND_ DATASET_IDENTITY | Identity of the OnCommand Dataset | OnCommandAllDataset Identity |
| DATASET_NAME | Name of the OnCommand Dataset. | datasetName |
| OUTPUT_DFM_UNASSIGNED_ DATASET_IDENTITY | Identity of the OnCommand Un Assigned Dataset | OnCommandUnAssigned DatasetIdentity |
| OUTPUT_DFM_ASSIGNED_ DATASET_IDENTITY | Identity of the OnCommand Assigned Dataset | OnCommandAssignedDataset Identity |
| OUTPUT_DFM_ACCOUNT_ IDENTITY | Identity of the OnCommand Account | OnCommandAccountIdentity |
| OUTPUT_ONCOMMAND_ VOLUME_DATASET_IDENTITY | Identity of the Volume Dataset | OnCommandVolumeDataset Identity |

# Create Group using NetApp OnCommand

**Summary**

Create a Group within OnCommand

**Description**

A group manages multiple datasets. A dataset is a set of storage units (volumes, Qtree, LUN). This is a logical grouping to group multiple datasets.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Account Name | Account Name | OnCommandAccountIdentity | Y |
| Parent Group Name | Select the Parent Group in which new Group need to be created. | netAppOnCommandGroups | |
| Group Name | Enter the Name of the Group to be created. | netAppOnCommandGroup Name | |

**Outputs**

| Output | Description | Type |
|---|---|---|
| OUTPUT_DFM_GROUP | OnCommand Group Name | netAppOnCommandGroups |
| OUTPUT_DFM_ACCOUNT_ IDENTITY | Identity of the OnCommand Account | OnCommandAccountIdentity |

# Create vFiler Setup using NetApp OnCommand

**Summary**

This task will helps to run setup in the context of this vfiler on the storage system using OnCommand.

**Description**

When a vfiler is created using, a set of default options is created. After a new vfiler is created it will be in a running state, but no protocol servers will be running. This task will helps to run setup in the context of this vfiler. This task will work for only OnCommand accounts.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| vFiler Name | vFiler Name | dfmvfilerIdentity | Y |
| Root Password | Enter root password | password | |
| Subnet Mask | Enter Subnet Mask | gen_text_input | Y |
| Interface Name | Select interface name | gen_text_input | |
| Protocols | Select the Protocols. | | Y |

**Outputs**

| Output | Description | Type |
|---|---|---|
| VFILER_NAME | Name of the vFiler on which the selected operation was performed | gen_text_input |
| OUTPUT_VFILER_IDENTITY | Identity of the vFiler | vFilerIdentity |

# Create vFiler using NetApp OnCommand

**Summary**

Create a vFiler using the OnCommand

**Description**

A vFiler is a logical unit of storage. We can manage multiple Filers using OnCommand. Multiple vFilers can be created on a physical filer subject to filer capacity. vFiler can be assigned to a Group within UCSD. In this task we create a vFiler using OnCommand

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Filer Name | Filer Name | dfmFilerIdentity | Y |
| IP Space Name | Enter the Name of the IP Space to be used for vFiler. | ipSpaceIdentity | Y |
| vFiler Name | Enter the Name of the vFiler to be created. | vfilerName | Y |
| IP Address | Provide IP address range or comma separated IP addresses or both | gen_text_input | Y |
| Setup | vfiler setup | | |
| Root Password | Enter root password | password | |
| Subnet Mask | Enter Subnet Mask | gen_text_input | Y |
| Interface Name | Select interface name | gen_text_input | |
| Protocols | Select the Protocols. | | Y |
| Dry Run | Dry Run | | |

**Outputs**

| Output | Description | Type |
|---|---|---|
| VFILER_NAME | Name of the vFiler | gen_text_input |
| VFILER_IP_ADDRESS | IP Address of the vFiler on which the selected operation was performed | gen_text_input |
| OUTPUT_ONCOMMAND_ VFILER_IDENTITY | Identity of the OnCommand vFiler | dfmvfilerIdentity |
| OUTPUT_ONCOMMAND_ FILER_IDENTITY | Identity of the OnCommand Filer | dfmFilerIdentity |
| OUTPUT_VLAN_ID | VLAN ID | vlanID |
| IPSPACE_NAME | Name of the IP Space on which the selected operation was performed | ipSpaceName |
| VLAN_INTERFACE_NAME | Name of the vLan Interface on which the selected operation was performed | vLANinterfaceName |

| Output | Description | Type |
|---|---|---|
| OUTPUT_VFILER_ INTERFACE_IDENTITY | Identity of the interface which is assigned to vfiler. | vfilerInterfaceIdentity |
| VFILER_IDENTITY | Identity of the vFiler | gen_text_input |

# Delete DFM Group using NetApp OnCommand

**Summary**

Delete a Group within OnCommand

**Description**

A group manages multiple datasets. A dataset is a set of storage units (volumes, Qtree, LUN). This is a logical grouping to group multiple datasets. This task is to delete a Group within OnCommand.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Account Name | Account Name | OnCommandAccountIdentity | Y |
| Group Name | Select the Group that needs to be deleted. | netAppOnCommandGroupName | Y |

**Outputs**

| No Outputs |
|---|

# Delete Dataset using NetApp OnCommand

**Summary**

Delete a Dataset using OnCommand

**Description**

A Dataset is a set of Storage units (Volumes, QTree, LUN). This task is for deleting a dataset.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Dataset Name | Select the Dataset to be deleted. | OnCommandAllDatasetIdentity | Y |
| Force | Forcibly Delete. | gen_text_input | Y |

**Outputs**

| No Outputs |
|---|

# Destroy LUN using NetApp OnCommand

**Summary**

Remove a LUN member under the dataset using OnCommand.

**Description**

This task will remove a LUN member under the selected dataset, So that LUN cannot be seen as a member to the dataset.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Dataset Member Name | Select the dataset member name. | OnCommandDatasetMember LUNIdentity | Y |

**Outputs**

| No Outputs |
|---|

# Destroy Resource Pool using NetApp OnCommand

**Summary**

Delete the resource pool using OnCommand.

**Description**

This task will delete the resources pool using OnCommand. So that if any datasets that were associated with this resource pool can be in accessible.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Resource Pool Name | Enter the Name of the Resouce pool to be created. | OnCommandResourcePool Identity | Y |
| Force | Forcibly destroy | gen_text_input | |

**Outputs**

| No Outputs |
|---|

# Destroy vFiler using NetApp OnCommand

**Summary**

Destroy the vfiler permanantly on the storage system using OnCommand.

**Description**

This task will destroy the selected vfiler permanantly from the storage system. This task will work for only OnCommand accounts.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| vFiler Name | Select vFiler Name | dfmvfilerIdentity | Y |

**Outputs**

| Output | Description | Type |
|---|---|---|
| OUTPUT_ONCOMMAND_VFILER_IDENTITY | Identity of the OnCommand vFiler | dfmvfilerIdentity |

# Detach Storage Service from Dataset using NetApp OnCommand

**Summary**

Detach the storage service having protection/provision policies from the dataset using OnCommand.

**Description**

This task will detach the storage service from the selected dataset using OnCommand. So that no more members can be added to the dataset after detaching the storage servicet.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Dataset Name | Enter the Name of the Dataset to be created. | OnCommandAssignedDataset Identity | Y |

**Outputs**

| Output | Description | Type |
|---|---|---|
| DATASET_NAME | Name of the OnCommand Dataset. | datasetName |
| OUTPUT_ONCOMMAND_ DATASET_IDENTITY | Identity of the OnCommand Dataset | OnCommandAllDataset Identity |
| OUTPUT_DFM_ASSIGNED_ DATASET_IDENTITY | Identity of the OnCommand Assigned Dataset | OnCommandAssignedDataset Identity |
| OUTPUT_DFM_UNASSIGNED_ DATASET_IDENTITY | Identity of the OnCommand Un Assigned Dataset | OnCommandUnAssigned DatasetIdentity |
| OUTPUT_DFM_ACCOUNT_ IDENTITY | Identity of the OnCommand Account | OnCommandAccountIdentity |

# Modify LUN Export settings using NetApp OnCommand

**Summary**

Modify the export setting of a LUN member under the dataset using OnCommand.

**Description**

Modify the export setting of a LUN member under the dataset using OnCommand.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Dataset Name | Select Dataset Name | OnCommandLUNDataset Identity | Y |
| LUN Path | Select LUN Name | gen_text_input | |
| Export Protocol Type | Select a protocol type for exporting a LUN. | gen_text_input | Y |
| OS Type | Select the operating system type of the initiators in this group. | ostype | Y |
| Initiator Name | Enter the name of the Initiator that needs to be created. | gen_text_input | Y |

**Outputs**

| No Outputs |
|---|

# Provision Dataset with Storage Service Using NetApp OnCommand

**Summary**

Creates a dataset with specified storage service and adds it to the specified OnCommand group as a member.

**Description**

This task creates a dataset with the specified storage service using OnCommand and adds it to the specified OnCommand group as a member.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Account Name | Select an Account | OnCommandAccountIdentity | Y |
| Group Name | Select the Name of the Group. | netAppOnCommandGroups | Y |
| Storage Service Name | Select the Storage Service Name | netAppOnCommandStorage Services | Y |
| Dataset Name | Enter the Name of the Dataset to be provisioned. | gen_text_input | Y |

**Outputs**

| Output | Description | Type |
|---|---|---|
| DATASET_NAME | Name of the Dataset | gen_text_input |
| OUTPUT_ONCOMMAND_ DATASET_IDENTITY | Identity of the OnCommand Dataset | OnCommandAllDataset Identity |
| OUTPUT_DFM_ACCOUNT_ IDENTITY | Identity of the OnCommand Account | OnCommandAccountIdentity |
| OUTPUT_ONCOMMAND_LUN_ DATASET_IDENTITY | Identity of the LUN Dataset | OnCommandLUNDataset Identity |
| OUTPUT_ONCOMMAND_ VOLUME_DATASET_IDENTITY | Identity of the Volume Dataset | OnCommandVolumeDataset Identity |
| DATASET_NAME | Name of the OnCommand Dataset. | datasetName |

# Remove Dataset Member using NetApp OnCommand

**Summary**

Removes selected member from dataset using OnCommand.

**Description**

This task removes member from a dataset. Only members explicitly added to the dataset (direct members) can be removed.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Dataset Name | Select the Dataset to be deleted. | OnCommandAllDataset Identity | Y |
| Dataset Member Name | Select the Dataset Member that needs to be deleted. | gen_text_input | Y |

**Outputs**

| No Outputs |
|---|

# Remove Group Member using NetApp OnCommand

**Summary**

Deletes a member from the group using OnCommand.

**Description**

Deletes a member from the selected group.

**Inputs**

| Input | Description | Mappable To Type | Mandatory |
|---|---|---|---|
| Account Name | Account Name | OnCommandAccountIdentity | Y |
| Group Name | Select the Group Name from which Group Member need to be deleted. | netAppOnCommandGroup Name | Y |
| Member Name | Enter the Name of the Group Member that needs to be deleted. | netAppOnCommandGroup Member | Y |

**Outputs**

| No Outputs |
|---|