



Get status of the replication relationships for a working environment

Cloud Manager Automation

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August 09, 2021

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Get status of the replication relationships for a working environment

You can use this workflow to retrieve the status of all the SnapMirror replication relationships for a specific working environment.



This workflow varies slightly depending on the cloud provider you are using.

1. Select the working environment

Based on the cloud provider, you need to perform a workflow to get the identifier for the working environment as shown in the following table.

Provider	Workflow
AWS	Perform the workflow Get working environments and choose the <code>publicId</code> value for the <code>workingEnvironmentId</code> query parameter.

2. Get the status of the relationships

HTTP method	Path
GET	<code>/occm/api/replication/status/{workingEnvironmentId}</code>

curl example

```
curl --location --request GET
'https://cloudmanager.cloud.netapp.com/occm/api/replication/status/<WORKING_ENV_ID>' --header 'Content-Type: application/json' --header 'x-agent-id: <AGENT_ID>' --header 'Authorization: Bearer <ACCESS_TOKEN>'
```

Input

Path parameters:

- `<WORKING_ENV_ID>` (`workingEnvironmentId`)

Output

The JSON output example includes the list of all the SnapMirror relationships with status for a specific working environment.

JSON output example

```
[
  {
    "source": {
      "workingEnvironmentId": "vsaworkingenvironment-sfrf3wvj",
      "workingEnvironmentType": "VSA",
      "workingEnvironmentStatus": "ON",
```

```
    "clusterName": "zivgcp01we02",
    "region": "us-west1-b",
    "availabilityZone": null,
    "svmName": "svm_zivgcp01we02",
    "nodeName": null,
    "volumeName": "zivagg01vol01"
  },
  "destination": {
    "workingEnvironmentId": "vsaworkingenvironment-2qkd75xv",
    "workingEnvironmentType": "VSA",
    "workingEnvironmentStatus": "ON",
    "clusterName": "zivgcp01we03",
    "region": "us-west1-b",
    "availabilityZone": null,
    "svmName": "svm_zivgcp01we03",
    "nodeName": "zivgcp01we03-01",
    "volumeName": "zivagg01vol01_copy"
  },
  "mirrorState": "snapmirrored",
  "relationshipType": "extended_data_protection",
  "relationshipStatus": "idle",
  "relationshipProgress": null,
  "policy": "MirrorAllSnapshots",
  "policyType": "async_mirror",
  "schedule": "daily",
  "maxTransferRate": {
    "size": 102400.0,
    "unit": "KB"
  },
  "networkCompressionRatio": "1:1",
  "healthy": true,
  "unhealthyReason": null,
  "lagTime": {
    "length": 14886,
    "unit": "SECONDS"
  },
  "newestSnapshotName": "snapmirror.e7179420-5e45-11eb-8f27-
d7fea0402bd2_2150573386.2021-01-25_123451",
  "newestSnapshotCreated": 1611578092,
  "lastTransferInfo": {
    "transferType": "update",
    "transferSize": {
      "size": 6240.0,
      "unit": "Byte"
    }
  },
  "transferDuration": {
```

```
        "length": 4,  
        "unit": "SECONDS"  
    },  
    "transferEnded": 1611578097,  
    "transferError": null  
},  
"currentTransferInfo": {  
    "transferType": null,  
    "transferPriority": null,  
    "transferError": null  
},  
"totalTransferTime": {  
    "length": 6,  
    "unit": "SECONDS"  
},  
"totalTransferSize": {  
    "size": 23792.0,  
    "unit": "Byte"  
},  
"volumeUsedSize": {  
    "size": 1032192.0,  
    "unit": "Byte"  
},  
"volumeCapacityTier": {  
    "size": 0.0,  
    "unit": "Byte"  
}  
}  
]
```

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