

How to View and Clean your Consistency Groups

Description

This article describes how to view and Clean your DRS Consistency Groups. Consistency Groups in a Failed Add or Failed Delete state can be cleaned.

Recommended reading: [Introduction to DRS for Cloud](#)

- [How to View your Consistency Group\(s\)](#)
- [How to Clean a Failed Consistency Group](#)

Prerequisites:

1. For Viewing Consistency Groups:
 - a. Only the Primary Administrator or a user with the DRS role can manage Consistency Groups. For instructions on how to add Roles to a Sub-Administrator, see [How to Manage the Primary Administrator User and other Sub-Administrators as the Primary Administrator](#)
2. To Clean a Failed Consistency Group:
 - a. Only the Primary Administrator or a user with the DRS role can manage Consistency Groups
 - b. Consistency Group must be in a Failed Add or Failed Delete state
 - c. DRS Service cannot be In Maintenance
 - d. Consistency Group Source and Target Data Centers cannot be in Hypervisor Maintenance

Important Note

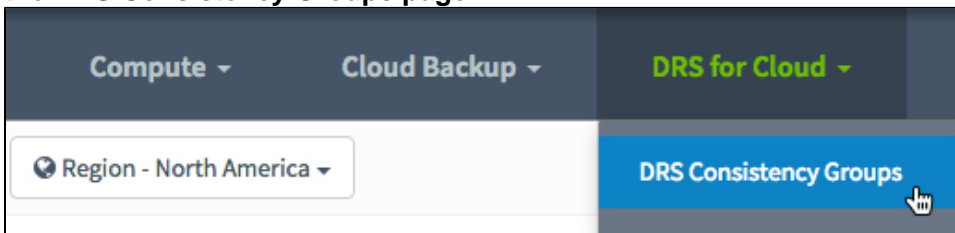
Unlike most CloudControl functions, only Primary Administrators or sub-administrators with the DRS role will even see the DRS for Cloud menu that is needed to view and manage the DRS for Cloud functions. Ensure your users have the proper roles assigned - see [How to Manage the Primary Administrator User and other Sub-Administrators as the Primary Administrator](#)

Note that even when the roles are assigned, the menu appears *only where the feature is available*.

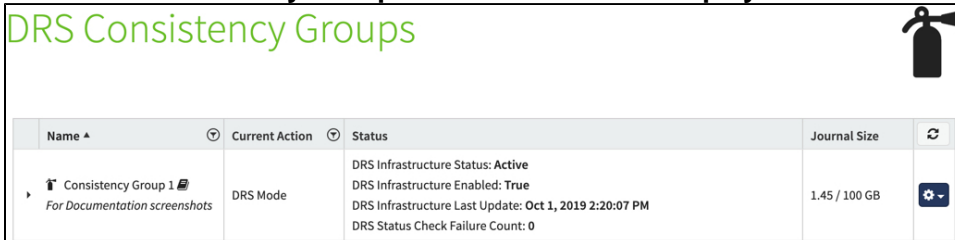
Content / Solution:

How to View your Consistency Group(s)

1. **Click on the DRS for Cloud menu button and then select DRS Consistency Groups to navigate to the DRS Consistency Groups page:**



2. **The DRS Consistency Groups dashboard will be displayed:**



Note: If no Consistency Groups have been defined, the dashboard will display the following message:

3. Click on the drop-down icon to expand a menu which will display all of the Server Pairs that are associated with a Consistency Group:

DRS Consistency Groups

Name	Current Action	Status	Source Network	Target Network	Journal Size	
Consistency Group 1 <small>For Documentation screenshots</small>	DRS Mode	DRS Infrastructure Status: Active DRS Infrastructure Enabled: True DRS Infrastructure Last Update: Aug 21, 2019 3:30:04 PM DRS Status Check Failure Count: 0	Source Network Domain (QA1_N2_DRS_EAST)	Target Network Domain (QA1_N2_DRS_SOUTH)	0.22 / 100 GB	

Source		Target	
Name		Name	
Source Server 1		Target Server 1	

Items 1-1 from 1

- Clicking on the Server Name will navigate you to the Server dashboard for that Server.
- You can click on the Manage gear on the right to initiate a Console session with the Source Server:

Name	Current Action	Status	Source Network	Target Network	Journal Size	
Consistency Group 1 <small>For Documentation screenshots</small>	DRS Mode	DRS Infrastructure Status: Active DRS Infrastructure Enabled: True DRS Infrastructure Last Update: Aug 21, 2019 3:30:04 PM DRS Status Check Failure Count: 0	Source Network Domain (QA1_N2_DRS_EAST)	Target Network Domain (QA1_N2_DRS_SOUTH)	0.22 / 100 GB	

Source		Target	
Name		Name	
Source Server 1		Target Server 1	

Items per page: 20

- >... Console To Source Server
- >... Console To Target Server
- NIC Configuration

Note: Hovering your mouse over the DRS Icon will display a popup with additional information about the DRS Consistency Group:

Id:	cba0dfa2-f54b-40c1-92e7-37d776b5ae68	
State:	Normal	
Operation Status:	DRS Mode	
Infrastructure Enabled:	True	
Infrastructure Status:	Initializing	
Infrastructure Status Last Update:	Apr 3, 2019 1:20:05 PM	
Maximum DRS Journal Size:	1,000 GB	

Note: The Re-IP icon indicates that Re-IP rules have been enabled for the Consistency group. For more information on Re-IP rules, see [Introduction to DRS for Cloud](#)

Note: Hovering your mouse over the Server icon will display a popup with additional information about the Server:

Id:	cbcb871-d970-47e3-9fbf-6e2894bd9c0a	
Name:	Source Server 1	

Important Note


If for some reason a Consistency Group deployment fails to deploy, you can follow the steps below to clean the failed Consistency Group

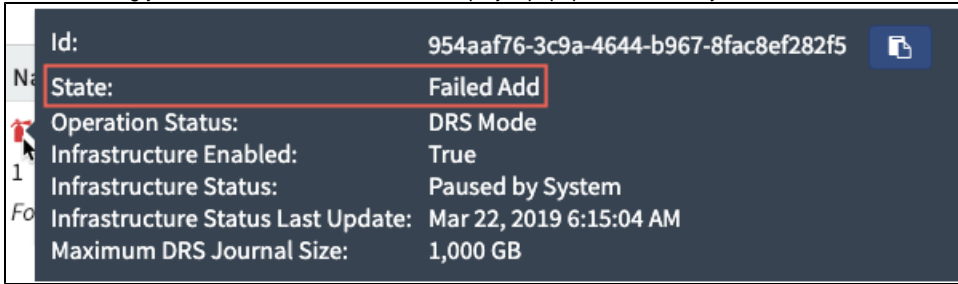
How to Clean a Failed Consistency Group

1. Locate the Consistency Group that is in either a Failed Add or Failed Delete state:

DRS Consistency Groups

Name	Current Action	Status	Source Network	Target Network	Journal Size	
DRS Consistency Group 1 <small>For Documentation screenshots</small>	Create Consistency Group	DRS Infrastructure Status: DRS Infrastructure Enabled: DRS Infrastructure Last Update: DRS Status Check Failure Count: 0	DRS Source Network Domain (QA1_N2_DRS_EAST)	DRS Target Network Domain (QA1_N2_DRS_SOUTH)	0 / 20 GB	

Note: Hovering your mouse over the  icon will display a popup which will tell you the State of a Consistency Group:



Id: 954aaf76-3c9a-4644-b967-8fac8ef282f5

State: Failed Add

Operation Status: DRS Mode

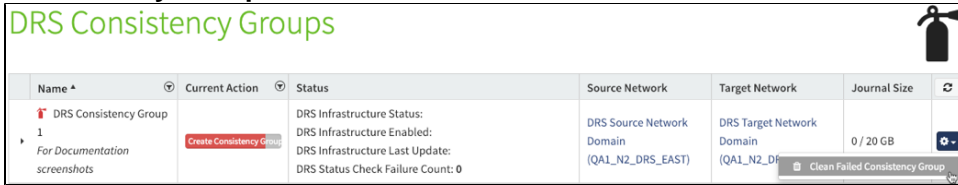
Infrastructure Enabled: True

Infrastructure Status: Paused by System



Infrastructure Status Last Update: Mar 22, 2019 6:15:04 AM

Maximum DRS Journal Size: 1,000 GB

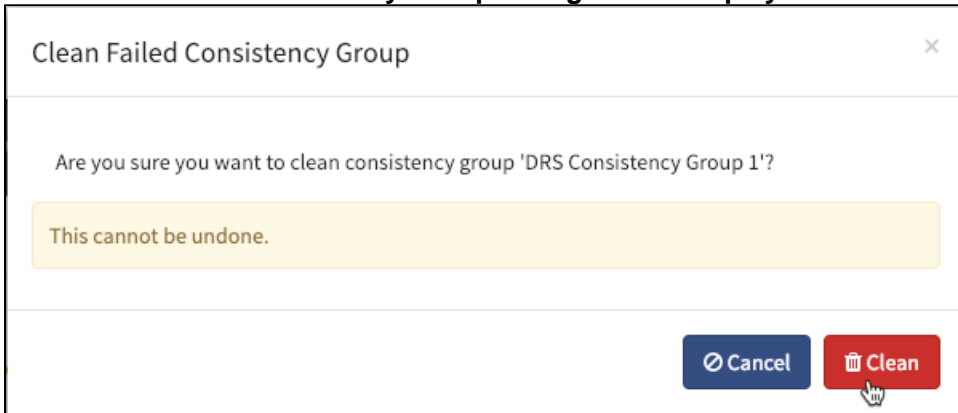
- 2. Click on the manage gear of the failed Consistency Group and click on the Clean Failed Consistency Group button:



DRS Consistency Groups

Name	Current Action	Status	Source Network	Target Network	Journal Size	
DRS Consistency Group 1	Create Consistency Group	DRS Infrastructure Status: DRS Infrastructure Enabled: DRS Infrastructure Last Update: DRS Status Check Failure Count: 0	DRS Source Network Domain (QA1_N2_DRS_EAST)	DRS Target Network Domain (QA1_N2_DRS_SOUTH)	0 / 20 GB	 


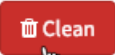
- 3. The Clean Failed Consistency Group dialog will be displayed. Click Clean:



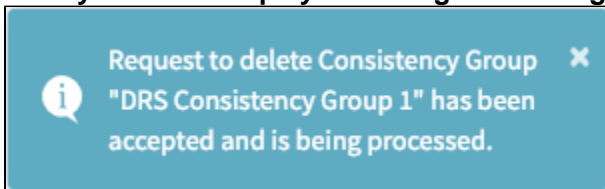
Clean Failed Consistency Group

Are you sure you want to clean consistency group 'DRS Consistency Group 1'?

This cannot be undone.

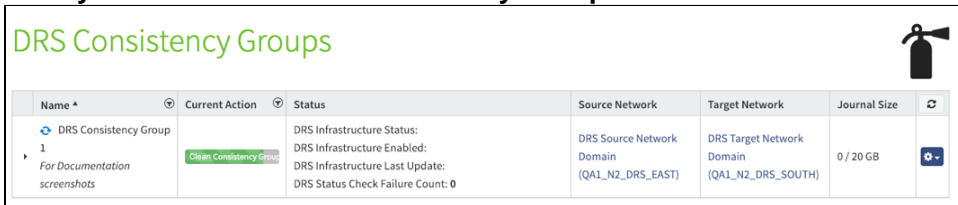
 

- 4. The system will display a message indicating that the operation is in progress:




Request to delete Consistency Group "DRS Consistency Group 1" has been accepted and is being processed.

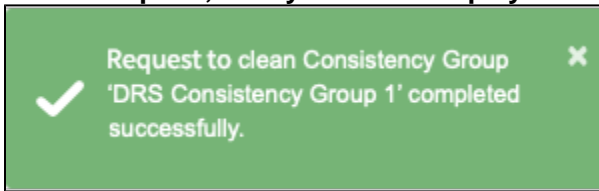
- 5. The system will clean the Consistency Group:



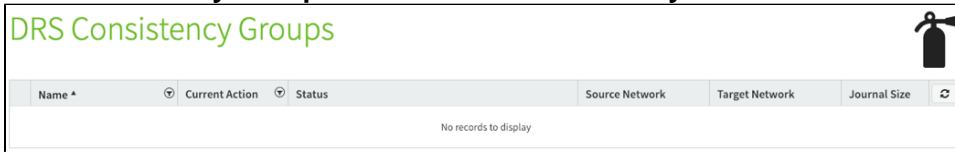
DRS Consistency Groups

Name	Current Action	Status	Source Network	Target Network	Journal Size	
DRS Consistency Group 1	Clean Consistency Group	DRS Infrastructure Status: DRS Infrastructure Enabled: DRS Infrastructure Last Update: DRS Status Check Failure Count: 0	DRS Source Network Domain (QA1_N2_DRS_EAST)	DRS Target Network Domain (QA1_N2_DRS_SOUTH)	0 / 20 GB	

6. Once complete, the system will display a success message:



7. The Consistency Group will be cleaned from the system:



Recently Updated

- [What Happens to a Source Server when it is added to a Consistency Group?](#)
- [Introduction to DRS for Cloud](#)
- [How to Start a DRS Preview for a Consistency Group](#)
- [How to Set Re-IP Address Rules for a Target Server in a DRS Server Pair](#)
- [How to Delete Re-IP Address Rules for the Target Server in a DRS Server Pair](#)