Cannot Delete with Nested Resources_ACG

Last updated by | David Goebel | May 19, 2022 at 11:02 AM PDT

Tags	
cw.ACG	cw.TSG

Contents

- Summary
- Symptom
- Troubleshooting
- Mitigation

- Need additional help or have feedback?

Summary

Shared Image Gallery does not allow you to delete a resource if it has nested resources in it. This is done to prevent accidental deletion of a Gallery or Image Definition that has image versions (images) in it.

Symptom

Error Code	CannotDeleteResource
Error Message	Can not delete resource before nested resources are deleted.

Troubleshooting

In ASC, you can search for the error in the ARM logs under the operations tab at the subscription level. Once you have the correct timeframe you can filter the results by the resource group the gallery exists in, the delete operation, and/or the failed Status. You can examine the Scope and/or the Resource Uri of the operation to understand what Gallery and Image Definition to look in for nested image versions that need to be deleted first.

	2020-06-03T17:26:07.4892678Z	Microsoft.Compute/galleries/images/delete	⊗ Failed	976ead7e-13a7-48bd-9b94-12ac230f92bc	N/A	linux-render		
Event Time		2020-06-03T17:26:07.4892678Z						
Operation Name		Microsoft.Compute/galleries/images/delete						
Status		⊗ Failed						
Correlation Id								
Service Request Id		N/A						
Action		Microsoft.Compute/galleries/images/delete						
Scope		/subscriptions/3...resourceGroups/a...g/providers/Microsoft.Compute/galleries/.../images/linux-render						
Operation Id								
Submission Timestamp		6/3/2020 5:26:07 PM						
Sub Status		Conflict						
Error Code		CannotDeleteResource						
Error Message		Can not delete resource before nested resources are deleted.						
Details Code		N/A						

Looking in ASC under the Gallery and Image Definition, we can see the version that exists in the definition that is nested and causing the issue and will need to be deleted first:
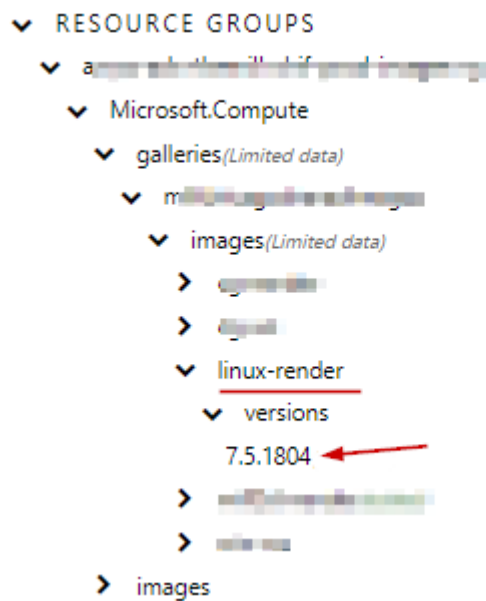
Mitigation

Per the online documentation ↗ the Shared Image Gallery or Image Definition needs to be deleted in the reverse order in which it was created.

Since the resources are created in this order: **Shared Image Gallery > Image Definition > Image Version**

You need to remove all versions before removing a definition and remove all definitions before removing a gallery: **Image Version < Image Definition < Shared Image Gallery**

You can accomplish this by deleting the resources in the Portal, PowerShell, or Azure CLI:

- PowerShell
  - Remove-AzGalleryImageVersion ↗
  - Remove-AzGalleryImageDefinition ↗
  - Remove-AzGallery ↗
- Azure CLI
  - az sig image-version delete ↗
  - az sig image-definition delete ↗

  ○ [az sig delete](#) ⧉

Need additional help or have feedback?

To enage the Azure Compute Gallery SMEs...	_To provide feedback on this page..._	_To provide kudos on this page..._
Please reach out to the **Azure Compute Gallery SMEs** ⧉ AVA channel via Teams. Make sure to use the **Ava process** for faster assistance.	Use the **Azure Compute Gallery Feedback** form to submit detailed feedback on improvements or new content ideas for Azure Compute Gallery. ***Please note*** the link to the page is required when submitting feedback on existing pages! If it is a new content idea, please put N/A in the Wiki Page Link.	Use the **Azure Compute Gallery Kudos** form to submit kudos on the page. Kudos will help us improve our wiki content overall! ***Please note*** the link to the page is required when submitting kudos!