Move Subscription From Tenant Root Group To Another Management Group

Overview

Platform	Azure
Owner of SOP	Fully Managed POD A
Cloud Services	Azure Virtual Machines

Problem

- How can I move a subscription in the tenant root group to another management group?

Tester	Reviewer
@ Shelly Sharma Lamba	

Possible cause

- In a certain situations , like when the subscription vending code fails or when a subscription Azure AD tenancy change is made, the subscription ends up "stuck" in the base Tenant Root Group and needs to be manually moved to the pit/pov/npe/prd/cor management groups.

Process

- Request would be fulfilled via Service Request (SR).

Solution

Please note that only users with the following permissions can perform this:

- Tenant Root Group "User Access Administrator" role assignment
- The subscriptions "Owner" role assignment
- The target pit/pov/npe/prd/cor management groups "Contributor" role assignment (Should already be the case for most Azure Squad team members

Azure PowerShell (Recommended approach until pipeline developed or automated Manage Cloud Access form fixed)

- Open Azure PowerShell installed on a machine, or Cloud Shell
- Log in to Azure with an account which has the right level of access, detailed above
- Run the following command to apply temporary owner permissions to subscription
  (Needs to be done with account which has User Access Administrator role on Tenant Root Group)
  Change the object id to be your user accounts object ID
  Change the subscriptions ID to be ID of the subscription you wish to move
  New-AzRoleAssignment -ObjectId '9c4df4d3-4806-496a-8803-a782585fb13a' -Scope '/subscriptions/e01e56bd-7c8b-46fa-889a-b4d7cc72ebb7' -RoleDefinitionName 'Owner'
- Run the following command to move subscription from Tenant Root Group to Non-Production Management Group
  (Needs to be done with account which has Owner on Tenant Non-Production Management Group)
  Change the group id to be your new management group id
  Change the subscriptions ID to be ID of the subscription you wish to move
  New-AzManagementGroupSubscription -GroupId 'npe-mg' -SubscriptionId 'e01e56bd-7c8b-46fa-889a-b4d7cc72ebb7'
- Run the following command to remove temporary owner permissions to subscription
  (Needs to be done with account which has User Access Administrator role on Tenant Root Group)

Change the object id to be your user accounts object ID
Change the subscriptions ID to be ID of the subscription you wish to move
Remove-AzRoleAssignment -ObjectId '9c4df4d3-4806-496a-8803-a782585fb13a' -Scope '/subscriptions/e01e56bd-7c8b-46fa-889a-b4d7cc72ebb7' -RoleDefinitionName 'Owner'

Related articles

- Grant Access To "it-cor-avsclouds01" Subscription - Cloud Platform - Confluence (atlassian.net)
- Terraform Errors - FM Supported Subscriptions - Cloud Platform - Confluence (atlassian.net)
- Fix Qualys Connector in Azure Subscription - Cloud Platform - Confluence (atlassian.net)