

# Rotate Storage Account primary access key

- [Overview](#)
- [Problem](#)
- [Process](#)
- [Solution](#)
- [Related articles](#)

## Overview

<b>Platform:</b>	<b>Azure</b>
<b>Owner of this SOP:</b>	Fully Managed POD A
<b>Cloud Services:</b>	Instance Management

## Problem

- When requesters are asking to rotate the storage account primary access key.

tester	Reviewer
@ Subhankar Ghosh	

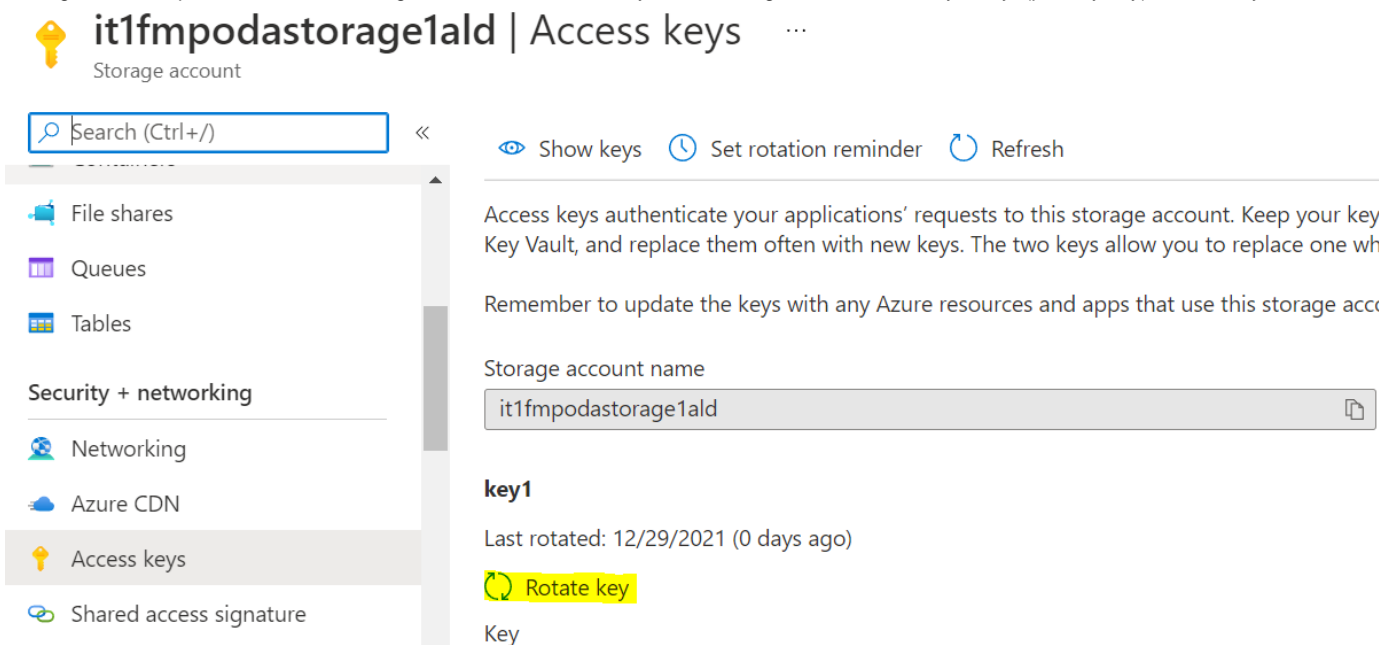
## Process

- Storage account primary access key rotation is manual process.
- Storage access key store in key vault as secret. Every time after key rotation need to run pipeline to update the key vault secret value.

## Solution

### 1. Manual process:

- Login to Azure portal Search for storage account under Security + networking, select Access keys key1(primary key) Rotate key



- Run pipeline to update the key vault's secret value with latest storage account access key.

Clear runner caches

CI lint

Run pipeline

Q

Show Pipeline ID ▾

- In plan stage, one to change(key vault secret) zero to destroy.

✔ Plan finished 4 minutes ago

Resources: 0 to add, 1 to change, 0 to destroy

^

Started an hour ago > Finished an hour ago

~ 1 to change

Filter resources by address...

Terraform 1.1.0

Download raw log

module.storage\_access\_key.azure\_key\_vault\_secret.this[1]

id : "https://it-fmpoda.vault.azure.net/secrets/storage-key-primary1/623c374c0e6a41098682aa860bd6130d"

name : "storage-key-primary1"

tags : {  
... 10 unchanged attributes hidden  
}

value : Sensitive value  
... 4 unchanged attributes hidden

- Apply it, new version of secret will be created.

✔ Apply finished a few seconds ago

Resources: 0 added, 1 changed, 0 destroyed

^

Started a few seconds ago

~ 1 changed

Filter resources by address...

Terraform 1.1.0

Download raw log

module.storage\_access\_key.azure\_key\_vault\_secret.this[1]

Updated id=https://it-fmpoda.vault.azure.net/secrets/storage-key-primary1/de9bab5173ac4bfe91454950353fec2e 5s



# storage-key-primary1 ...

Versions

[+ New Version](#) [Refresh](#) [Delete](#) [Download Backup](#)

Version	Status
CURRENT VERSION	
de9bab5173ac4bfe91454950353fec2e	✓ Enabled
OLDER VERSIONS	
623c374c0e6a41098682aa860bd6130d	✓ Enabled

- Run pipeline again, there is no change detected.



**Plan finished** a few seconds ago

Resources: 0 to add, 0 to change, 0 to destroy

Started a minute ago > Finished a few seconds ago



**No changes** Your infrastructure matches the configuration

## Related articles

- [AWS VPC Endpoints configuration change](#)
- [Monitoring GitLab Access Audit Report](#)
- [Renewal / Upload SSL certificate for existing Application](#)
- [Update the Task memory unit](#)
- [Update the Task CPU limit](#)