

Problem

VM ke child module banate wakt humne subnet id ko hardcode kia...


Subnet ID nikalne ke lie portal me login karna pada, Virtual network me jana pdega, JSON view se lana pda.. jo ki already pehle bana hua tha...

Solution

Jo pehle se bana hua resource hai uski kuch bhi details nikalne ho toh data block ka use karte hai..

NIC ke andar me subnet\_id pass karna hai, vo uthane ke lie, data block use karenge.

Data block dhondhne ke lie, terraform registry pr jaenge, waha pr subnet ka data block dhondhenge..



Azure Key Vault

What is Key Vault?

Key vault ek aisa storage ki jagah hai jo bahut secure hai aur usme hum secret , certificate aur keys rakh sakte hai.. ye ek PAAS service hai..

How to create Key Vault?

ManualAutomation = Terraform, CLI

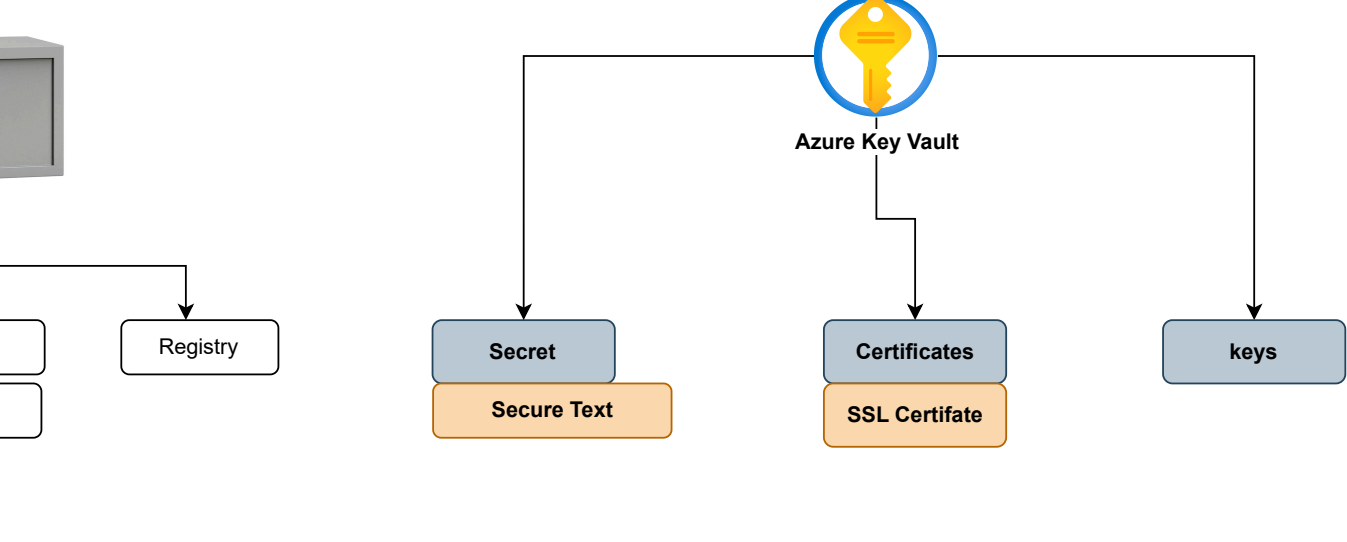
How to create secrets in Key Vault manual and automation?

How to give access to key vault? Number of ways

What is secret rotation policy?


How to restore key if deleted?

How to retrieve the secrets from Key vault and use for VM Password?



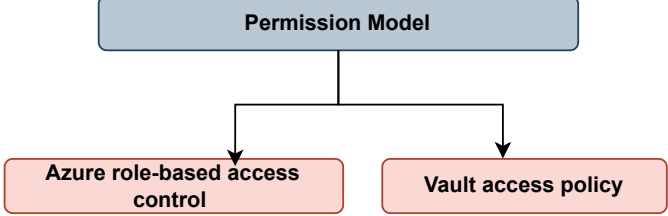
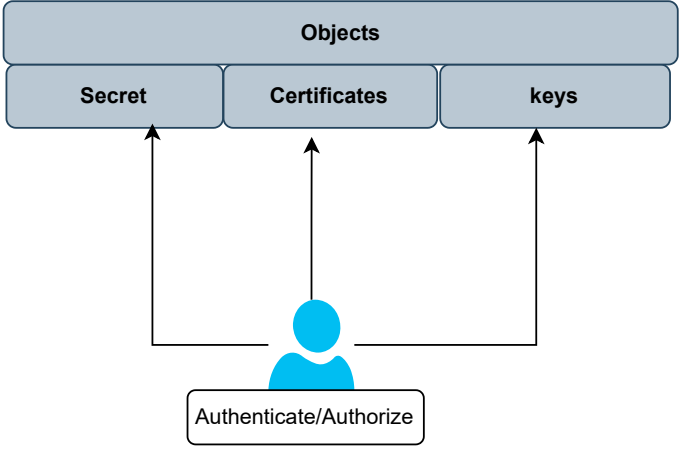
This feature allows you to recover for the duration of the retention period.

Soft delete area  
Retention Area

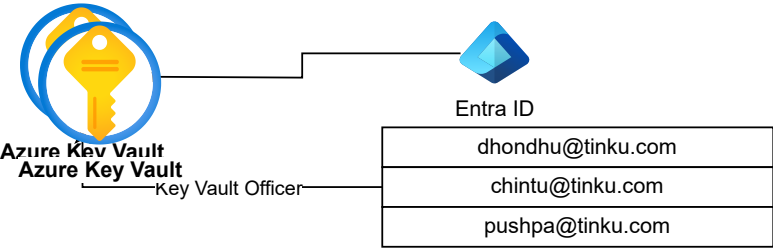


Azure Key Vault

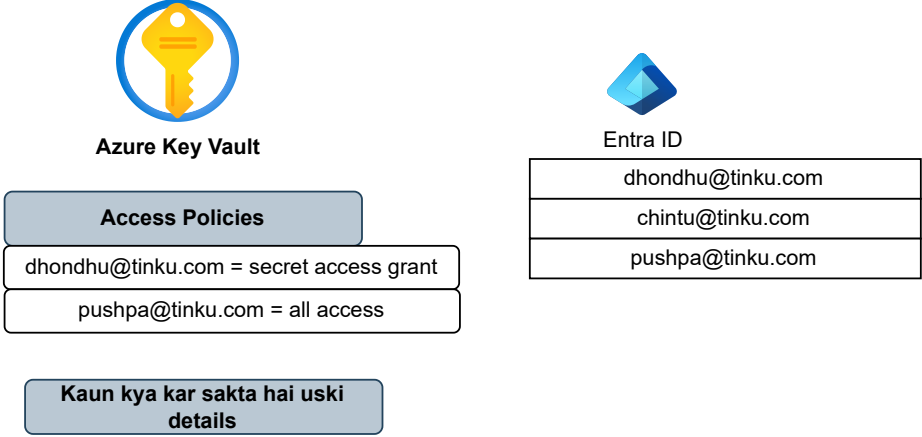
purge\_protection = disable



Azure role-based access control



Vault access policy



VM ka password hum log plain text me code me dal rahe the, ye dalna paap hai... kyunki agar galti koi securtiy team ne dekh lia toh pure devops ka band baja dega..

Isko rakhne ke lie humne key vault banaya, Key vault banane ke lie azure portal pr detail dali aur bana dia..

1. Key vault banaya (Banane pr keys, certificates, and secrets ki jagah bani)

2. Humne VM ka password secret me store kia(password banane ke pehle User ko role assign kia key vault admin ka)

3. vm-password(key) = P@ssw01rd@123(value)

4. Keyvault ka dala block lake lgaya

5. Secret ka data block lagaya

