Why Endpoints? Kya need hai iski?

access

Biwi
Sasumaa
ShadiPhotos

Virtual Network
Subnet
VM

McDonalds Aloo Tiki recipe.txt

Blob Container
https://dhondhustorage.blob.core.windows.net
A Record 20.150.114.97

Storage Account
Public Access Enable

File Share
https://dhondhustorage.file.core.windows.net
A Record 20.150.114.97

Via Internet

authenticate

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Azure Storage Explorer

Storage Account Authentication Options

az login | Storage Account Key | SAS Shared Access Signature
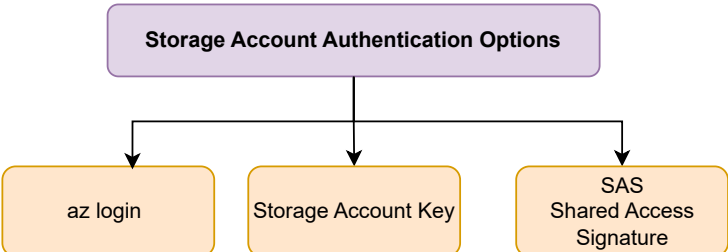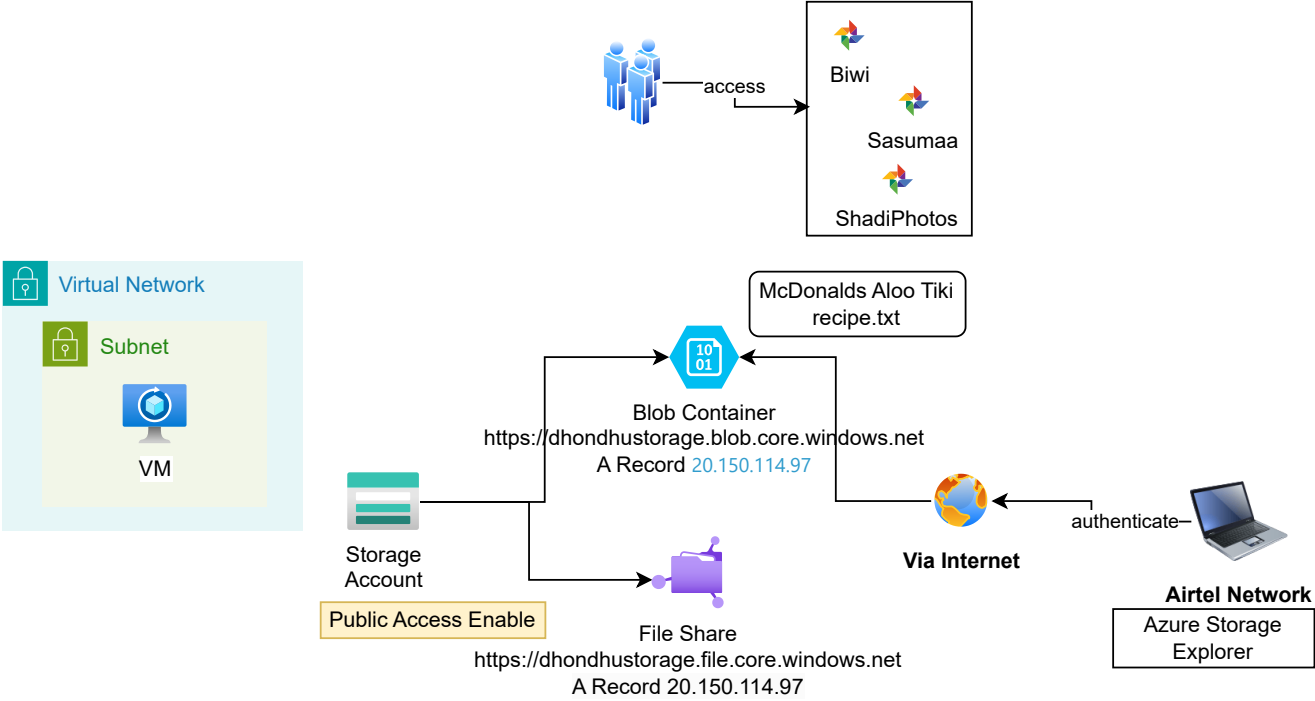
https://dhondhustorage.blob.core.windows.net/photos?sp=racwdli&st=2025-09-20T04:33:28Z&se=2025-09-20T12:48:28Z&spr=https&sv=2024-11-04&sr=c&sig=B33c1wlpVdrANG8EocHgW9cyltIK3a0TC7JYx%2FurD2o%3D

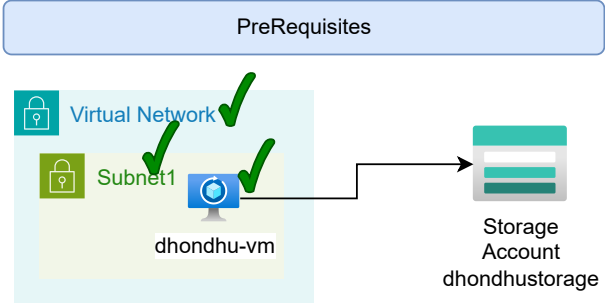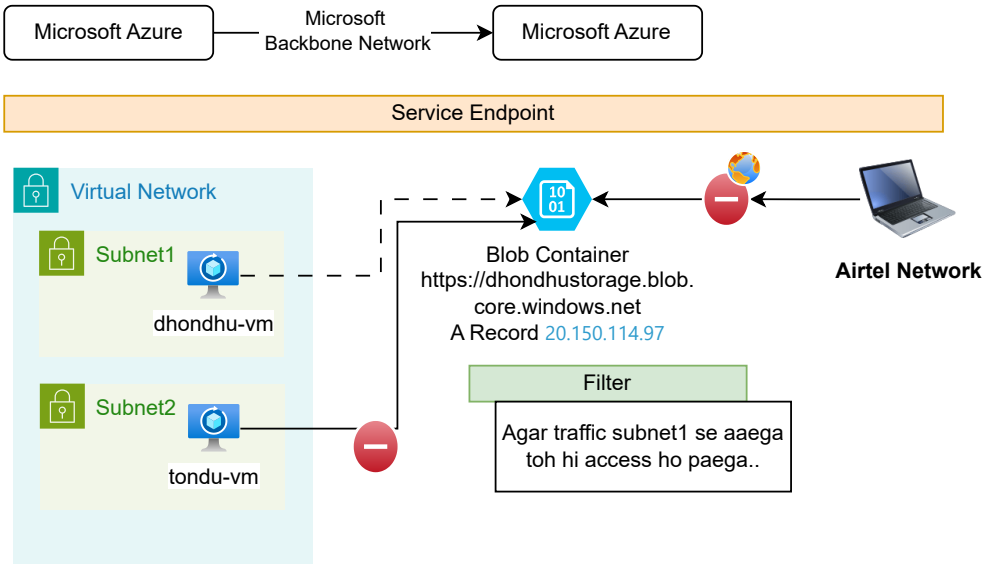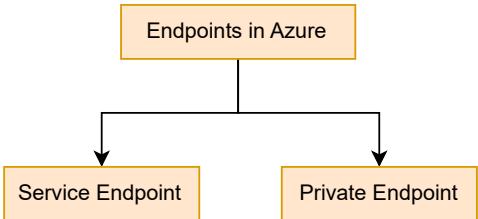Jab storage account banta hai toh kya vo secure hota hai?

Internet pr exposed hota hai by default..

Secure toh hota hai pr fully secure nahi hota hai kyuki agar SAS token kisi ne dekh lia toh game baj jaega...

Oops..Credentials Leak ho gya glti se... ab koi bhi acces kar sakta hai..

Jab apne computer se file upload kar rahe hai... vo data kis raste jaa raha hai...?

Public Internet ke through jaa raha hai mast... ghoomta ghoomata...

Endpoints in Azure

Service Endpoint | Private Endpoint

Microsoft Azure — Microsoft Backbone Network → Microsoft Azure

Service Endpoint

Virtual Network

Subnet1
dhondhu-vm

Subnet2
tondu-vm

Blob Container
https://dhondhustorage.blob.core.windows.net
A Record 20.150.114.97

Filter

Agar traffic subnet1 se aaega toh hi access ho paega..

Airtel Network

PreRequisites

Virtual Network ✔
Subnet1 ✔
dhondhu-vm ✔

Storage Account
dhondhustorage

Service Endpoint Steps

1. Subnet pr jake service endpoint enable karna pdega us service ke lie jis service pr aapko filter lagana hai... ✔

2. Storage account me network settings me kuch karna pdega jis se sirf ek subnet hi access ho pae... ✔

Security Benefits of Service Endpoints

Data travel via azure azure backbone not internet

Access only from authorised Vnet and Subnet

Problem

Abhi bhi public ip hai hi vo kahi nahi gaya...