



Ex-Employee Azure Access



Agenda



-
1. The problem with static credentials
 2. Network configuration
 3. Test "attacker" access
 4. Solve access management

Azure Static Credentials

- Access Keys
- Azure Container Registry admin user
- Shared Access Policies
- SQL authentication
- PostgreSQL authentication

Network Access Management

Public network access

Selected networks

- Allow Azure services and resources to access this server (MS SQL)
- Allow trusted Microsoft services to access this container registry (ACR)
- Allow trusted Microsoft services to access this resource (Storage Account)

Demo

Azure Static Credentials Solution

Use Managed Identities!!!

Rotate your Key Vault secrets regularly

Process for exit management

Network Management Solution

Do not allow trusted Microsoft services to access your service

Use private endpoints and only allow private connections

Managed DevOps Pools for CI/CD access to private resources