

Azure DevOps - Audit Q&A

1. What is your rollback strategy if deployment fails?

Azure App Service supports deployment slots and version history. If deployment fails, we can quickly swap back to the previous version.

We also retain previous artifacts in Azure DevOps, allowing redeployment of any successful build.

Example:

- Use staging slot for safe deployment. If it fails, don't swap.
- Or use Azure DevOps to redeploy a previous successful build.

In simple terms: We ensure quick rollback using either swap mechanism or redeploying last known good version.

2. How do you handle environment-specific configurations?

We use variable groups and environment-specific parameter files in Azure DevOps.

For secure secrets, we use Azure Key Vault integrated with the pipeline.

Example:

- Dev environment uses 'dev.database.windows.net'
- Prod uses 'prod.database.windows.net'
- These values are injected using variable groups
- Sensitive values are fetched securely from Azure Key Vault

In simple terms: Each environment has its own config set. Secrets are stored in Key Vault for

security.