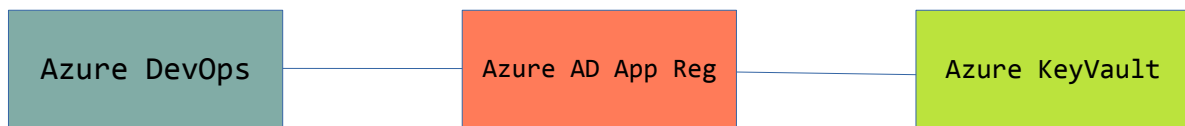


Flow diagram



Requirements:

1. Azure DevOps
2. Authorized as an Azure AD application.
3. Azure Key-vault

[eoBoaki!@J1bds12](#) - testuser - drilldb

Azure key-Vault

[eoBoaki!@J1bds12](#)

wbq-poc-key-vault

Delete → Move

The soft delete feature has been enabled on this key vault. After you soft delete this key vault, it will remain in your subscription as a hidden vault. It will get purged after the retention period you specified. You may purge it sooner, or restore the vault, using Azure PowerShell or Azure CLI. Click this for more details.

Resource group (change) : WBG-POC
Location : East US
Subscription (change) : Oil & Gas - Azure Training
Subscription ID : a0808583-341e-4259-a7f8-10331546798f

DNS Name : https://wbq-poc-key-vault.vault.azure.net/
Sku (Pricing tier) : Standard
Directory ID : edf442f5-b994-4c86-a131-b42b03a16c95
Directory Name : Technmahindra

Monitoring

Show data for last:

1 hour 6 hours 12 hours 1 day 7 days 30 days

Click for additional metrics.

wbq-poc-key-vault | Networking

Search (Ctrl+/)

Tags

Diagnose and solve problems

Events (preview)

Settings

Keys

Secrets

Certificates

Access policies

Networking

Properties

Locks

Export template

Firewalls and virtual networks

Private endpoint connections

Save Discard Refresh

Allow access from:

☒ All networks ☐ Private endpoint and selected networks

All networks, including the internet, can access this key vault. Learn more

Key vaults

Technmahindra

wbq-poc-key-vault | Secrets

Generate/Import Refresh Restore Backup

The secret 'password' has been successfully created.

Name	Type	Status	Expiration Date
password		✓ Enabled	
username		✓ Enabled	
dbname		✓ Enabled	
ExamplePassword		✓ Enabled	
jino		✓ Enabled	

Azure DevOps

drilling

+

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New pipeline

Filter pipelines

Recently run pipelines

Pipeline	Last run
drilling-CI	#5 • Merge branch 'master' of https://dev.azure.com/J300674352/drilling/_git/drilling Manually triggered for master
SQL DEPLOY-CI	#2 • Deleted query.sql Manually triggered for master
PD-Function App Deployment	#1 • Merge branch 'master' of https://dev.azure.com/J300674352/drilling/_git/drilling Manually triggered for master

Azure DevOps

J300674352 / drilling / Pipelines / Library

Search

Library

Variable groups

Secure files

+ Variable group

Security

Help

Search variable groups

drilling

+

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New variable group

Create groups of variables that you can share across multiple pipelines.

+ Variable group

Learn more about variable groups.

Azure DevOps

J300674352 / drilling / Pipelines / Library

Search

Library > secrets

Variable group

Save

Clone

Security

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drilling

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Properties

Variable group name

secrets

Description

Allow access to all pipelines

Link secrets from an Azure key vault as variables

Azure subscription • Manage

Oil & Gas - Azure Training (a0808583-341e-4259-a7f8-10331546798f)

Key vault name • Manage

wbg-poc-key-vault

Authorize

The specified Azure service connection needs to have "Get, List" secret management permissions on the selected key vault. Click "Authorize" to enable Azure Pipelines to set these permissions or manage secret permissions in the Azure portal.

click Authorize

Azure DevOps

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drilling +

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- Test Plans
- Artifacts

Library > secrets

Variable group | Save | Clone | Security | Help

Properties

Variable group name
secrets

Description

☒ Allow access to all pipelines

☒ Link secrets from an Azure key vault as variables ⓘ

Azure subscription * | Manage |
Oil & Gas - Azure Training (a0808583-341e-4259-a7f8-10331546798f)

Scoped to subscription 'Oil & Gas - Azure Training'

Key vault name * | Manage |
wbg-poc-key-vault

Variables

Add the variable into pipeline process.

Azure DevOps

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Library > secrets*

Variable group | Save | Clone | Security | Help

Properties

Variable group name
secrets

Description

☒ Allow access to all pipelines

☒ Link secrets from an Azure key vault as variables ⓘ

Azure subscription * | Manage |
Oil & Gas - Azure Training (a0808583-341e-4259-a7f8-10331546798f)

Scoped to subscription 'Oil & Gas - Azure Training'

Key vault name * | Manage |
wbg-poc-key-vault

Variables Last refreshed: 6 hours ago

Delete	Secret name	Content type	Status	Expiration date
	dbname		Enabled	Never
	password		Enabled	Never
	username		Enabled	Never

+ Add

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New pipeline

Filter pipelines

Recently run pipelines

Pipeline	Last run
drilling-CI	#5 • Merge branch 'master' of https://dev.azure.com/JJ00674352/drilling/_git/drilling Manually triggered for master
SQL DEPLOY-CI	#2 • Deleted query.sql- Manually triggered for master
PD-Function App Deployment	#1 • Merge branch 'master' of https://dev.azure.com/JJ00674352/drilling/_git/drilling Manually triggered for master

Azure DevOps JJ00674352 / drilling / Pipelines

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Pipelines

Connect Select Configure Review

New pipeline

Where is your code?

Azure Repos Git YAML
Free private Git repositories, pull requests, and code search

Bitbucket Cloud YAML
Hosted by Atlassian

GitHub YAML
Home to the world's largest community of developers

GitHub Enterprise Server YAML
The self-hosted version of GitHub Enterprise

Other Git
Any generic Git repository

Subversion
Centralized version control by Apache

Use the classic editor to create a pipeline without YAML.

Azure DevOps JJ00674352 / drilling / Pipelines

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Pipelines

Select a source

Team project

Repository

Default branch for manual and scheduled builds

Continue

Select your repository

Tell us where your sources are.
You can customize how to get these sources from the repository later.

Azure DevOps

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drilling

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Choose a template

Choose a template that builds your kind of app. Don't worry if it's not an exact match; you can add and customize the tasks later.

Select a template

Or start with an **Empty job**

Configuration as code

YAML

Looking for a better experience to configure your pipelines using YAML files? Try the new YAML pipeline creation experience. [Learn more](#)

Featured

.NET Desktop

Build and test a .NET or Windows classic desktop solution.

Android

Build, test, sign, and align an Android APK.

ASP.NET

Build and test an ASP.NET web application.

Azure Web App for ASP.NET

Build, package, test, and deploy an ASP.NET Azure Web App.

Docker container

Build a Docker image and push it to a container registry.

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sql-keyvault

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Pipeline

Build pipeline

Get sources

drilling master

Agent job 1

Run on agent

Name *

sql-keyvault

Agent pool *

Pool information | Manage

Azure Pipelines

Agent Specification *

vs2017-win2016

Parameters

This pipeline doesn't have any pipeline parameters. Create them to share the most important settings between tasks and change them in one place. [Learn more](#)

Azure DevOps

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Pipeline variables

Variable groups

Predefined variables

Add variable groups to your pipeline. [Learn more about variable groups](#)

Link variable group Manage variable groups

Link variable group

secrets (3)

Link

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Pipeline variables

Variable groups

secrets (3)

dbname

password

username

Link variable group Manage variable groups

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sql-keyvault

Tasks Variables Triggers Options Retention History Save & queue Discard Summary Queue

Pipeline

Build pipeline

Get sources

Agent job 1

Run on agent

Add tasks Refresh

sql

Azure Database for MySQL deployment

Run your scripts and make changes to your Azure Database for MySQL

Azure SQL Database deployment

Deploy an Azure SQL Database using DACPAC or run scripts using SQLCMD

by Microsoft Corporation

Add

Learn more

Marketplace

Fetching Extensions

Deprecated tasks

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Agent job 1

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Azure SQL SqlTask

Azure SQL Database deployment

Azure SQL Database deployment

Task version 1*

Display name *

Azure SQL SqlTask

Azure Service Connection Type

Azure Resource Manager

Azure Subscription *

wbgdevops

Scoped to resource group 'WBG-POC'

SQL Database

Authentication Type *

SQL Server Authentication

Azure DevOps

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Azure SQL SqlTask

Azure SQL Database deployment

SQL Server Authentication

Azure SQL Server *

drillserver.database.windows.net

Database *

\$(dbname)

Login *

\$(username)

Password *

\$(password)

Deployment Package

Deploy type *

SQL Script File

SQL Script *

sqlQuery.sql

Additional Invoke-Sqlcmd Arguments

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Recent All Runs

Filter pipelines

New pipeline

All pipelines

New folder

Name
drilling-CI (1) #6 • Merge branch 'master' of https://dev.azure.com/J300674352/drilling/_git/drilling
drilling-CI #5 • Merge branch 'master' of https://dev.azure.com/J300674352/drilling/_git/drilling
PD-Function App Deployment #1 • Merge branch 'master' of https://dev.azure.com/J300674352/drilling/_git/drilling
SQL DEPLOY-CI #2 • Deleted query.sql-
sql-keyvault No runs yet

Azure DevOps

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Jobs in run #8

sql-keyvault

Jobs

Agent job 1	44s
Initialize job	4s
Download secrets: wbg-poc-key...	2s
Checkout drilling@master to s	6s
Azure SQL SqlTask	29s
Post-job: Checkout drilling@m...	<1s
Finalize Job	<1s
Report build status	<1s

Report build status

```
1 Set build status for commit 5b7ef1.
```

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Recent All Runs

Filter pipelines

New pipeline

Recently run pipelines

Pipeline	Last run
sql-keyvault	#8 • Merge branch 'master' of https://dev.azure.com/J300674352/drilling/_git/drilling Manually triggered for master 4m ago 47s
drilling-CI (1)	#6 • Merge branch 'master' of https://dev.azure.com/J300674352/drilling/_git/drilling Manually triggered for master 28m ago 12s
drilling-CI	#5 • Merge branch 'master' of https://dev.azure.com/J300674352/drilling/_git/drilling Manually triggered for master Tuesday 39s
SQL DEPLOY-CI	#2 • Deleted query.sql- Manually triggered for master Monday 41s
PD-Function App Deployment	#1 • Merge branch 'master' of https://dev.azure.com/J300674352/drilling/_git/drilling Manually triggered for master Sunday 51s

Job State.

SQL databases

Technologies

+ Add

🕒 Reservations

...

📘 Try our new Azure SQL resource browser! This experience offers a unified view of all your SQL Server resources in Azure as well as improved sorting and filtering. Click here to go to the new experience.

Filter by name...

☐ Name

↑↓

☐ drilldb (drillserver/drilldb)

...

drilldb (drillserver/drilldb) | Query editor (preview)

SQL database

🔍 Search (Ctrl+/)

⏏

👤 Login

+ New Query

↕ Open query

💙 Feedback

Overview

Activity log

Tags

🔧 Diagnose and solve problems

🚀 Quick start

🔧 Query editor (preview)

Power Platform

Power BI (preview)

PowerApps (preview)

Flow (preview)

Settings

Configure

Geo-Replication

Connection strings

Sync to other databases

Add Azure Search

Properties

drilldb (testuser)

🔄

📘 Showing limited object explorer here. For full capability please open SSDT.

📁 Tables

📁 dbo.person

🔑 id (PK, int, not null)

📄 name (varchar, not null)

📄 birth_date (date, null)

📄 phone (varchar, not null)

📁 Views

📁 Stored Procedures

Query 1

⏏

➤ Run

☐ Cancel query

⬇ Save query

⬇ Export data as json

⬇ Export data as .csv

⬇ Export data as .xml

1

Results

Messages

🔍 Search to filter items...