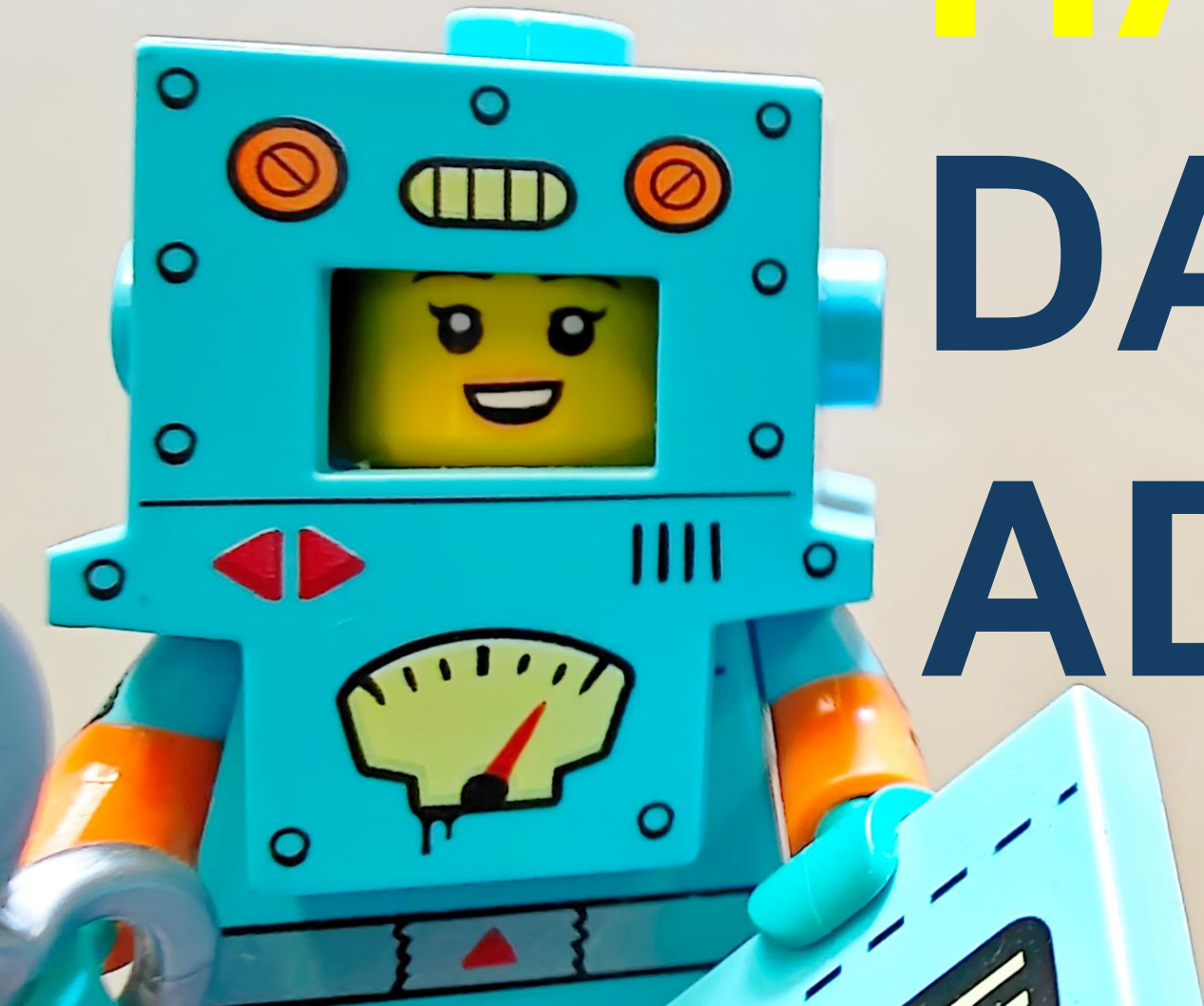


VILLE C O U D S P E C I A L I S T ÅBERG G O F O R E



AZURE
SQL
DATABASE
SCHEDULED
MAINTENANCE



HAPPY

DATABASE

ADMIN

HAPPY
DATABASE
ADMIN

SCHEDULER

DATABASE

WINDOWS
SERVER



UPDATES &
BACKUPS

HAPPY?

SCHEDULER

HYPERVISOR

DATABASE

WINDOWS
SERVER

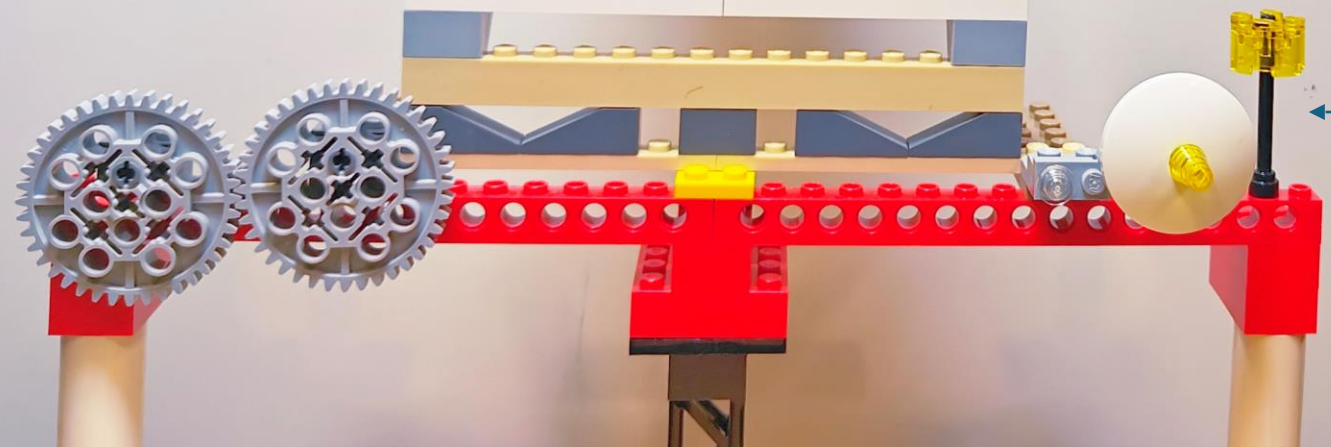
vHOST

vCPU

vRAM

DISKS

PHYSICAL
SECURITY



ANXIOUS
DATABASE
ADMIN

*Hey!
where's my
scheduler ?*

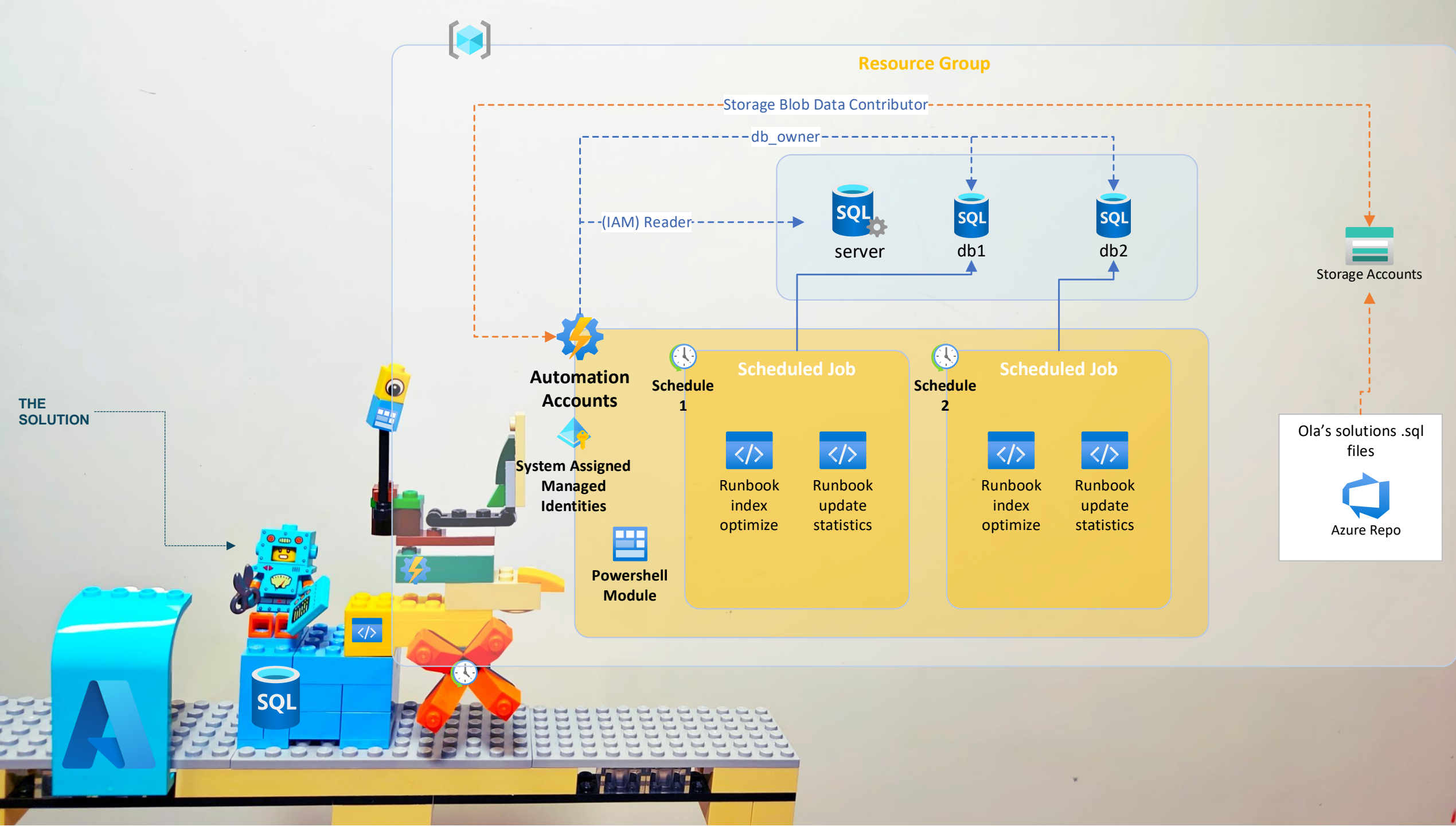


THE
SOLUTION

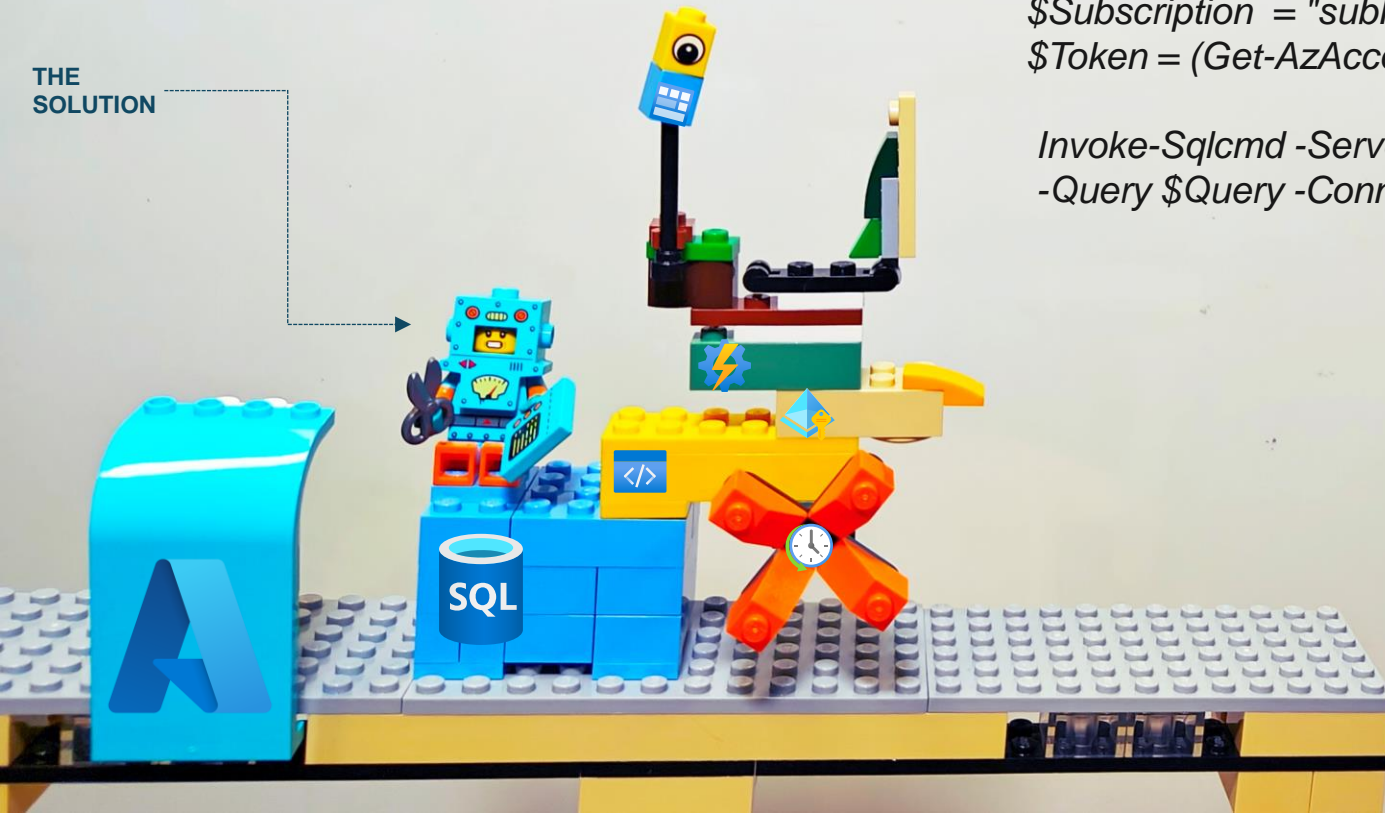
AZURE AUTO MATION



THE SOLUTION

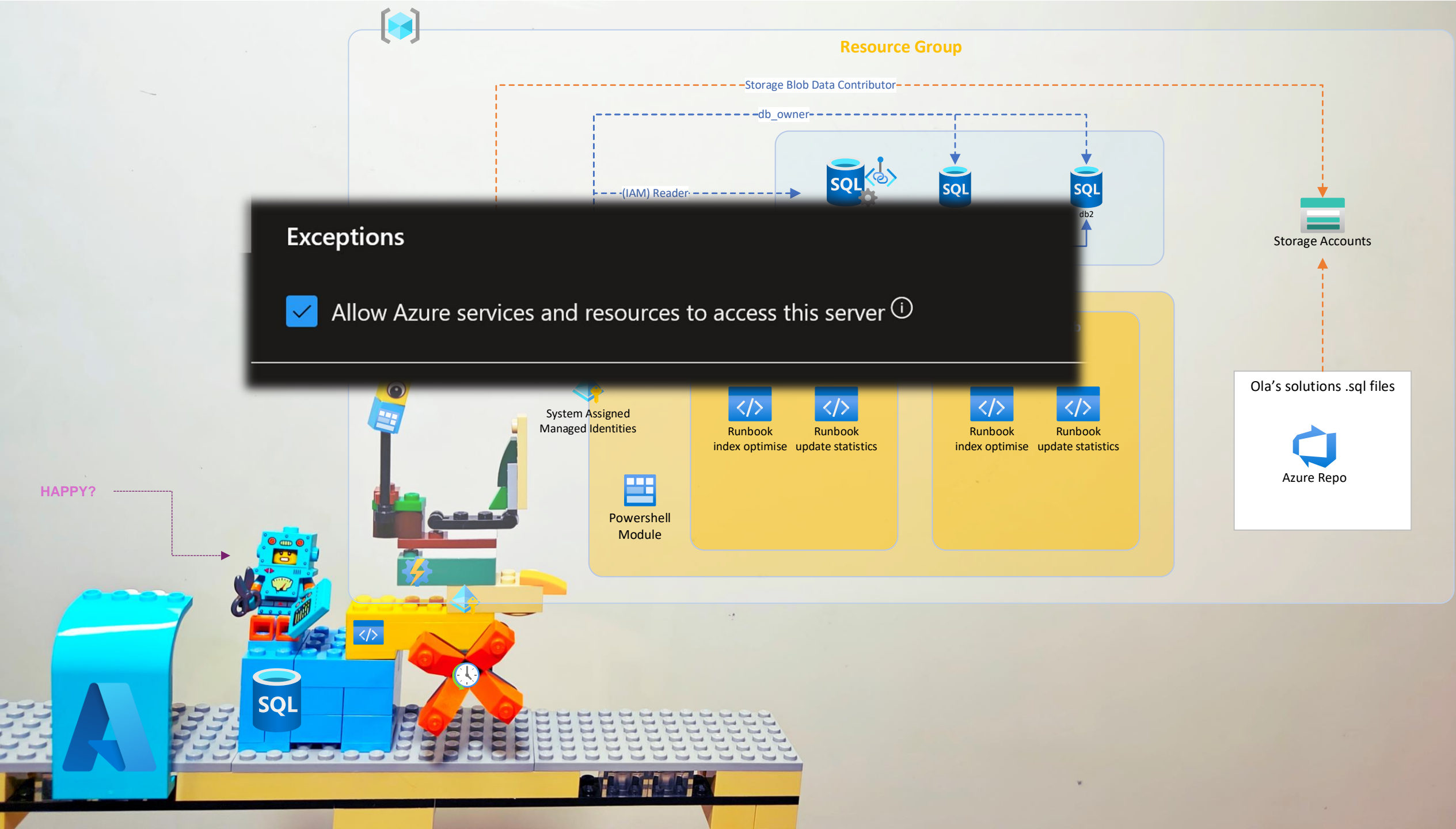


THE
SOLUTION



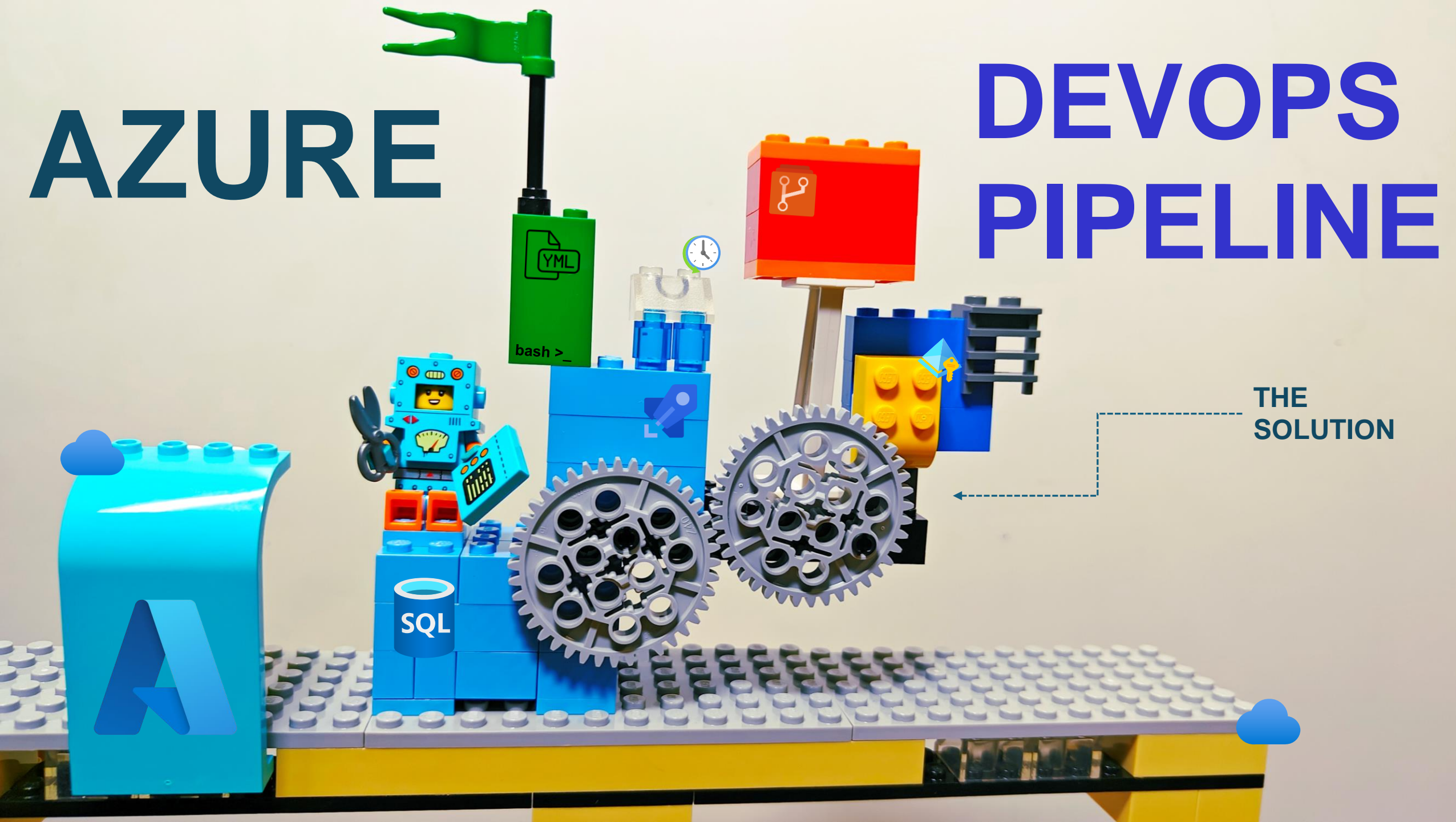
```
Import-Module SqlServer
Import-Module Az.Accounts
$Query = @"
"@
$context = (Connect-AzAccount -Identity).Context
$Tenant = "tenantName"
$Subscription = "subName"
$Token = (Get-AzAccessToken -ResourceUrl https://database.windows.net).Token

Invoke-Sqlcmd -ServerInstance "server.FQDN" -AccessToken $Token -Database "Name"
-Query $Query -ConnectionTimeout 60 -Verbose
```

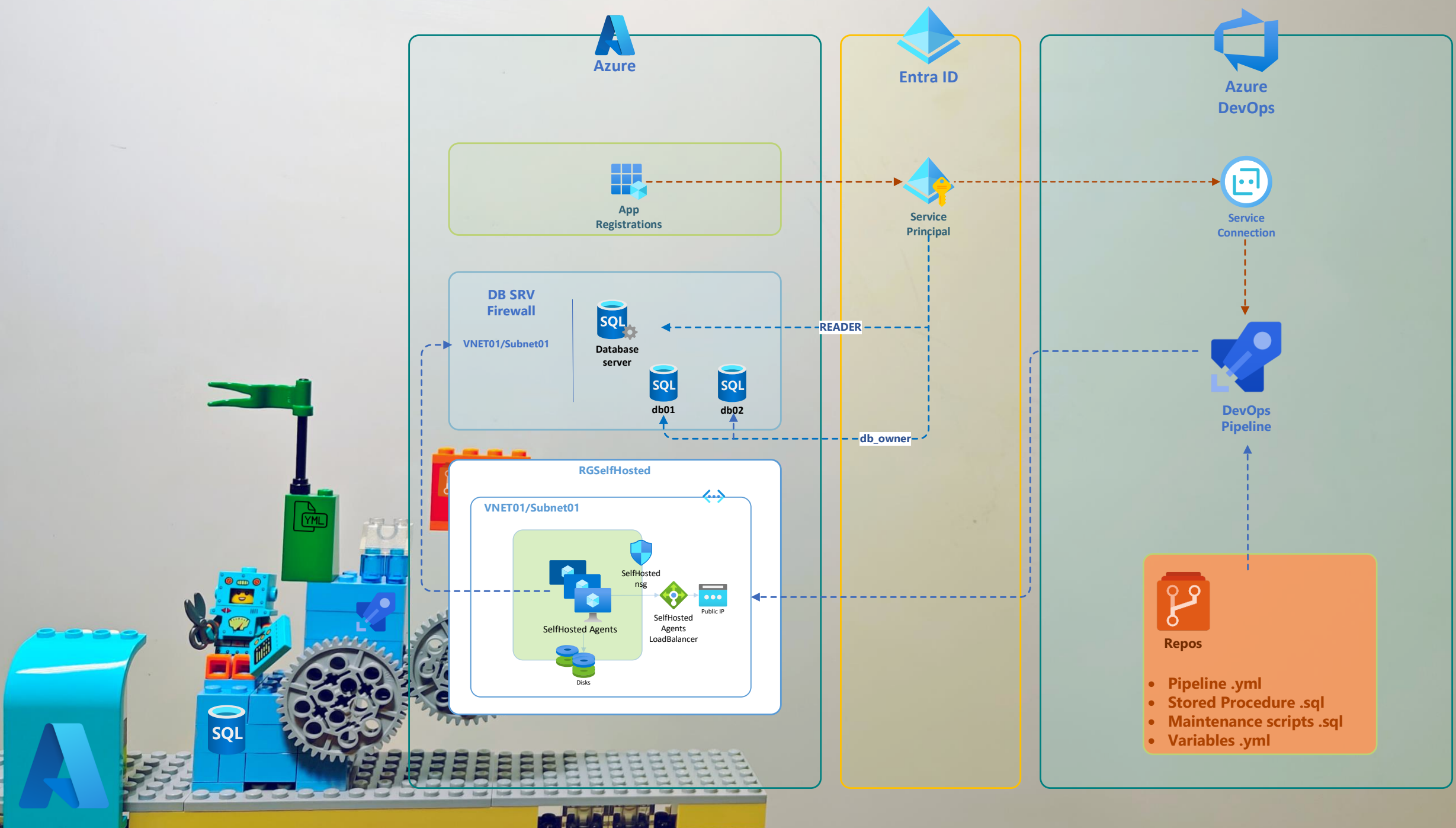



AZURE

DEVOPS PIPELINE



THE
SOLUTION



schedules:

```
- cron: '15 22 * * *' # UTC-TIME
displayName: 'MAINTENANCE'
branches:
  include:
    - master
always: true
```

```
token_path=/tmp/access-token-$(head /dev/urandom | tr -dc A-Za-z0-9 | head -c 8)
```

```
az account get-access-token --resource=https://database.windows.net
--query accessToken --output tsv | tr -d '\n' | iconv -f ascii -t UTF-16LE > $token_path
```

```
file1="folder/folder/file.sql"
```

```
sqlcmd -S server.database.windows.net -d databaseName -b -j -G -P $token_path -i $file1
```

```
rm $token_path
```

```
- task AzureCLI@2
```

```
displayName 'REORGANISE INDEXES'
```

```
inputs
```

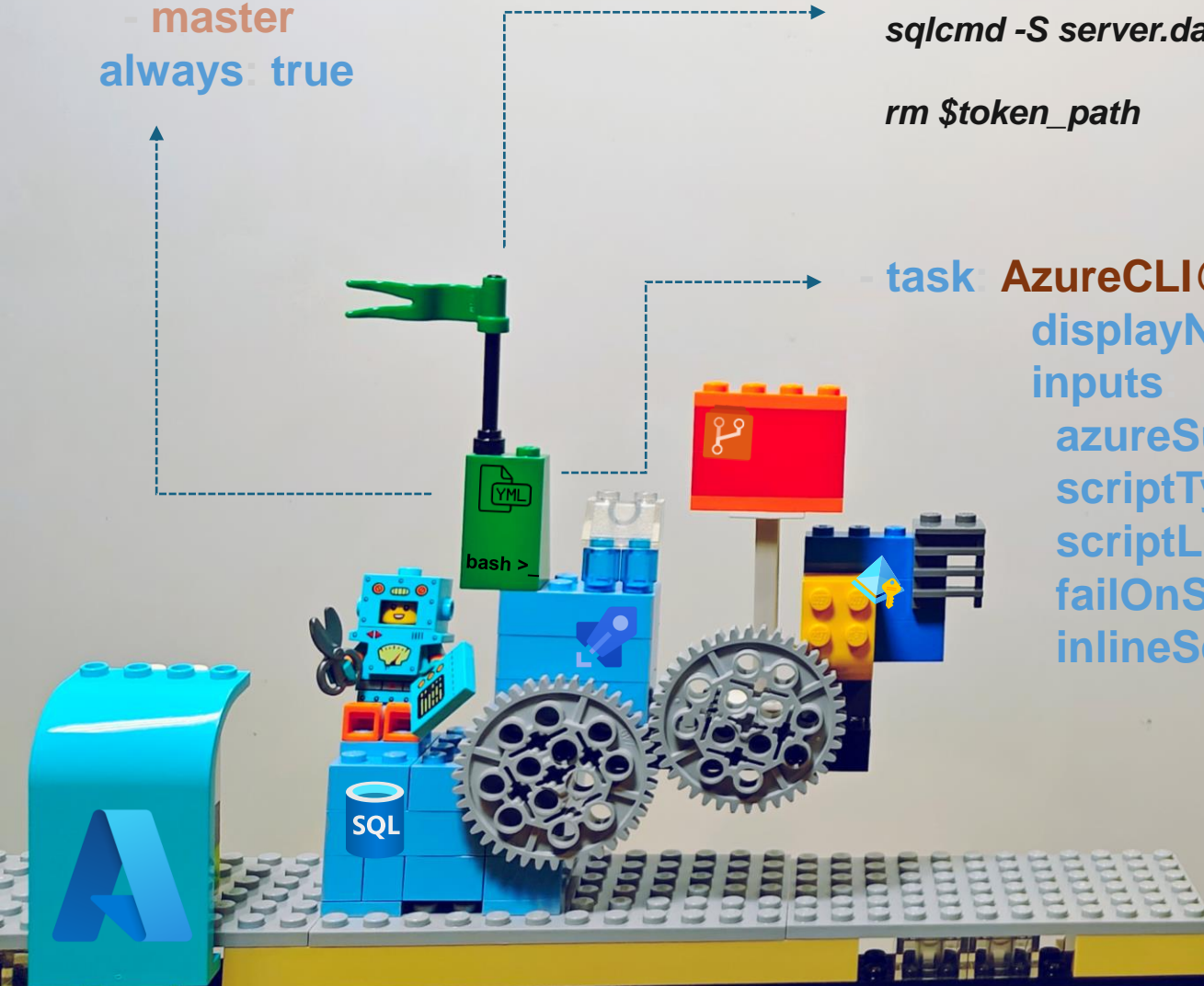
```
azureSubscription: '${{ variables.ServiceConnection }}'
```

```
scriptType: bash
```

```
scriptLocation: inlineScript
```

```
failOnStandardError: true
```

```
inlineScript: |
```



AZURE AUTO MATION

NO PRIVATE
ENDPOINT
SUPPORT
UNLESS VM AGENT

EASY TO SETUP

GREAT
AZURE PORTAL
UI

TERRAFORM
SUPPORT

POWERSHELL

LOW COST



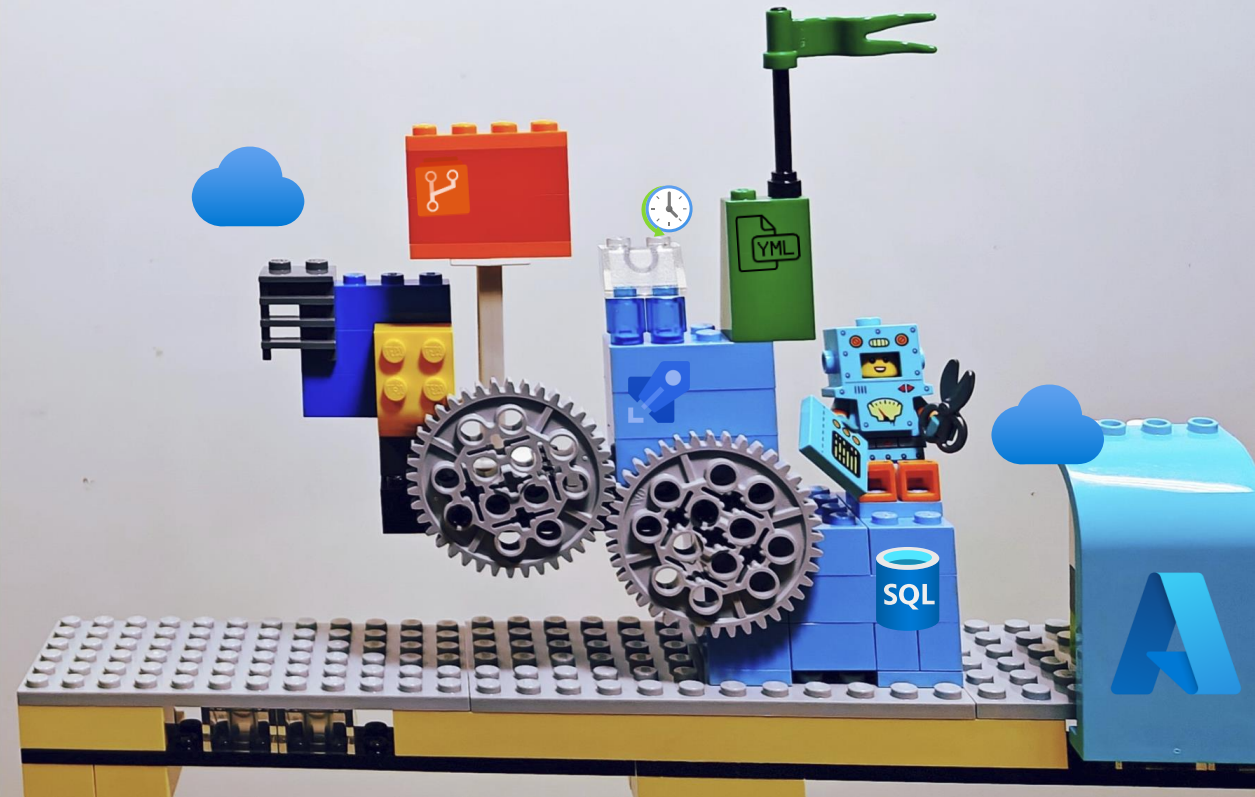
DEVOPS PIPELINE

PRIVATE
ENDPOINT AND
VNET SUPPORT
*IF SELFHOSTED
AGENTS*

AZURE
PIPELINE

YAML & BASH
(POWERSHELL)

LOW COST



THANK

YOU

