

# Secure Your DevOps Agent

Hong Bu



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# Hong Bu

## Senior Program Manager

As a program manager, it is my goal to deliver the project on time – and that is where understanding the time spent on security design and plan comes in.

I love dancing, climbing mountains and cooking food in spare time.



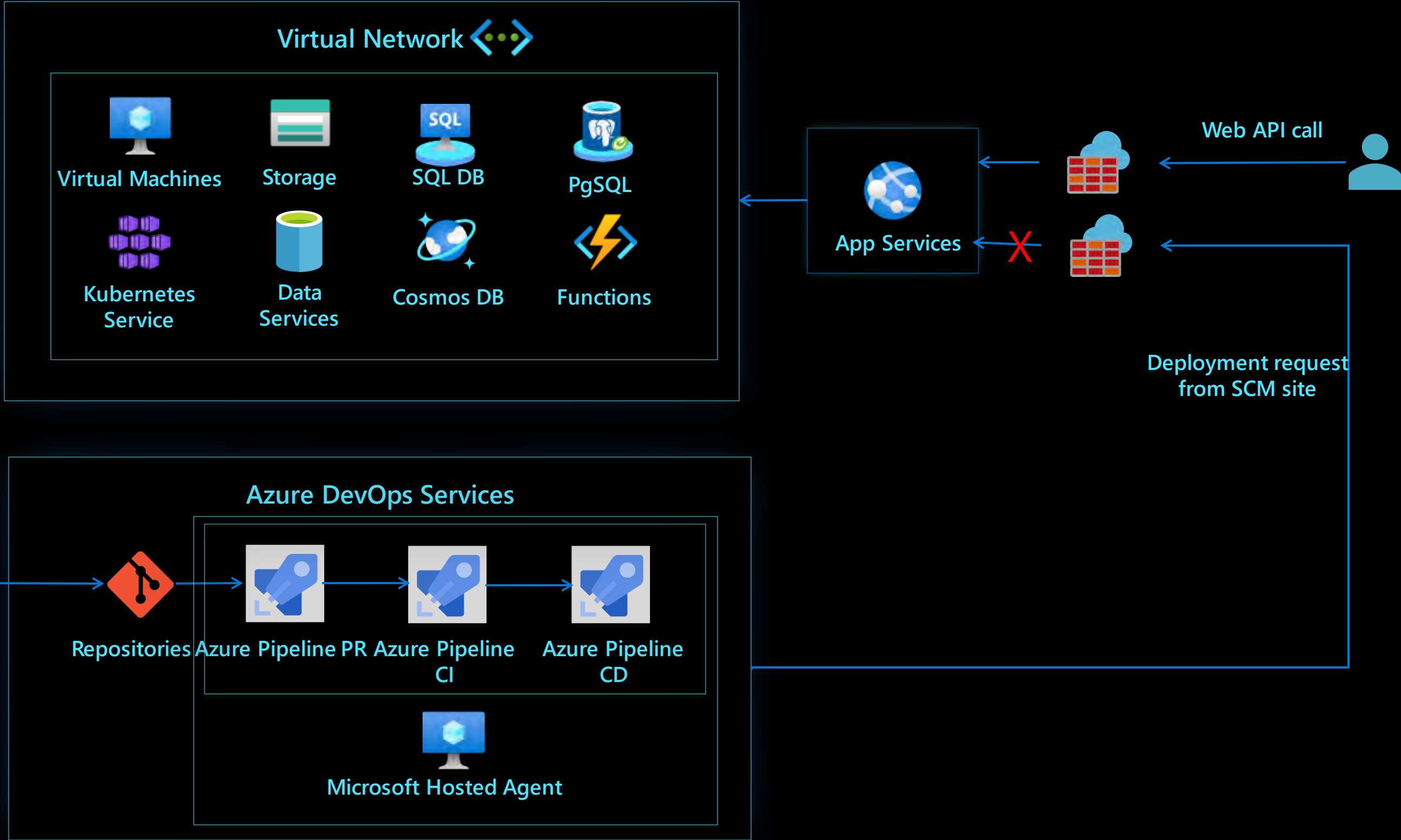
[HTTPS://WWW.LINKEDIN.COM/IN/HONGBU/](https://www.linkedin.com/in/hongbu/)

# What's the challenge?

integrate App Service with Azure DevOps to streamline build and deployment process.

The SCM site is the engine behind App Service for deployment

Firewall rules setup on App restricts the access of deployment from Microsoft hosted agent running on public IP.



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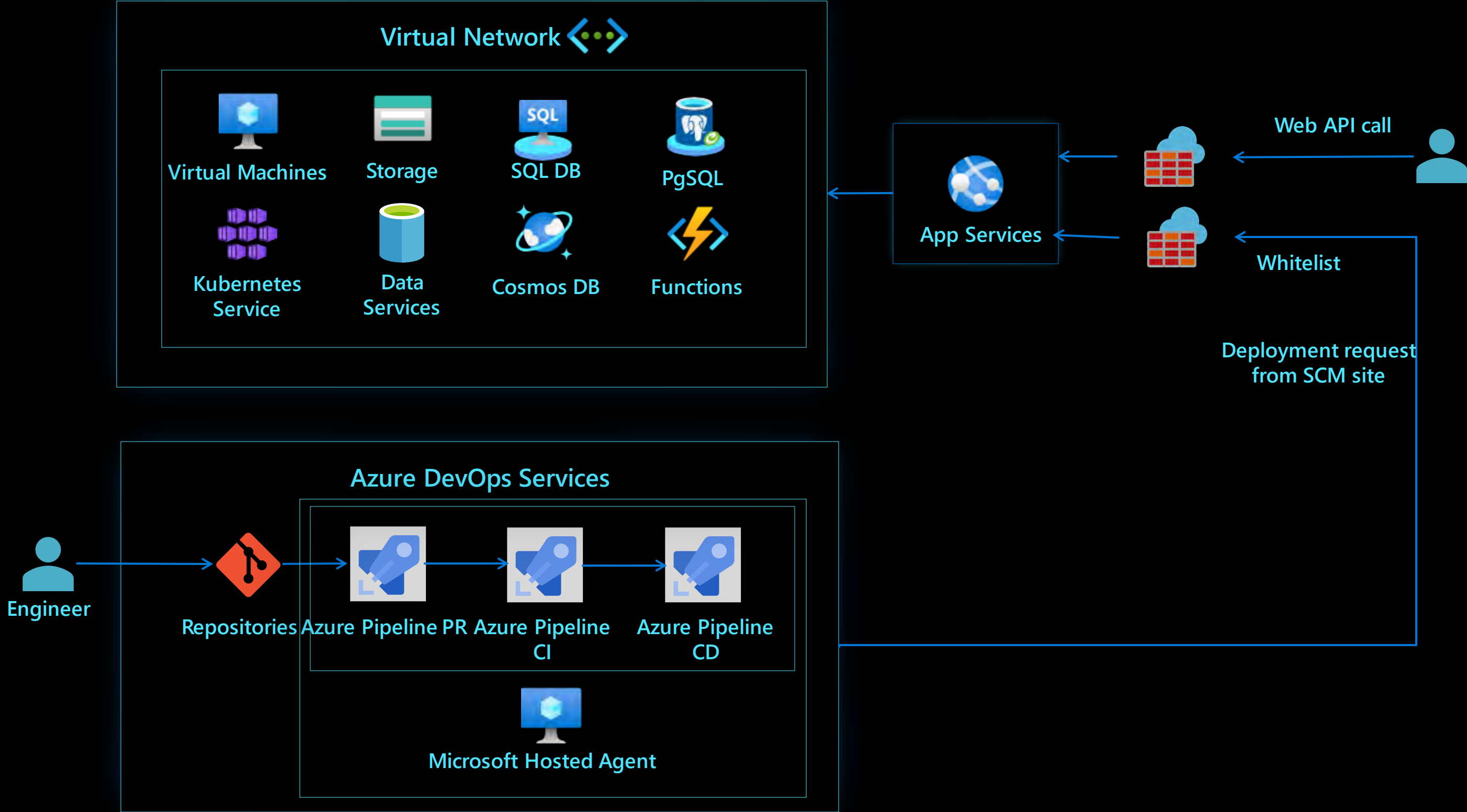
# Why using Microsoft hosted agent?

Easy to start with multi virtual machine images to choose.

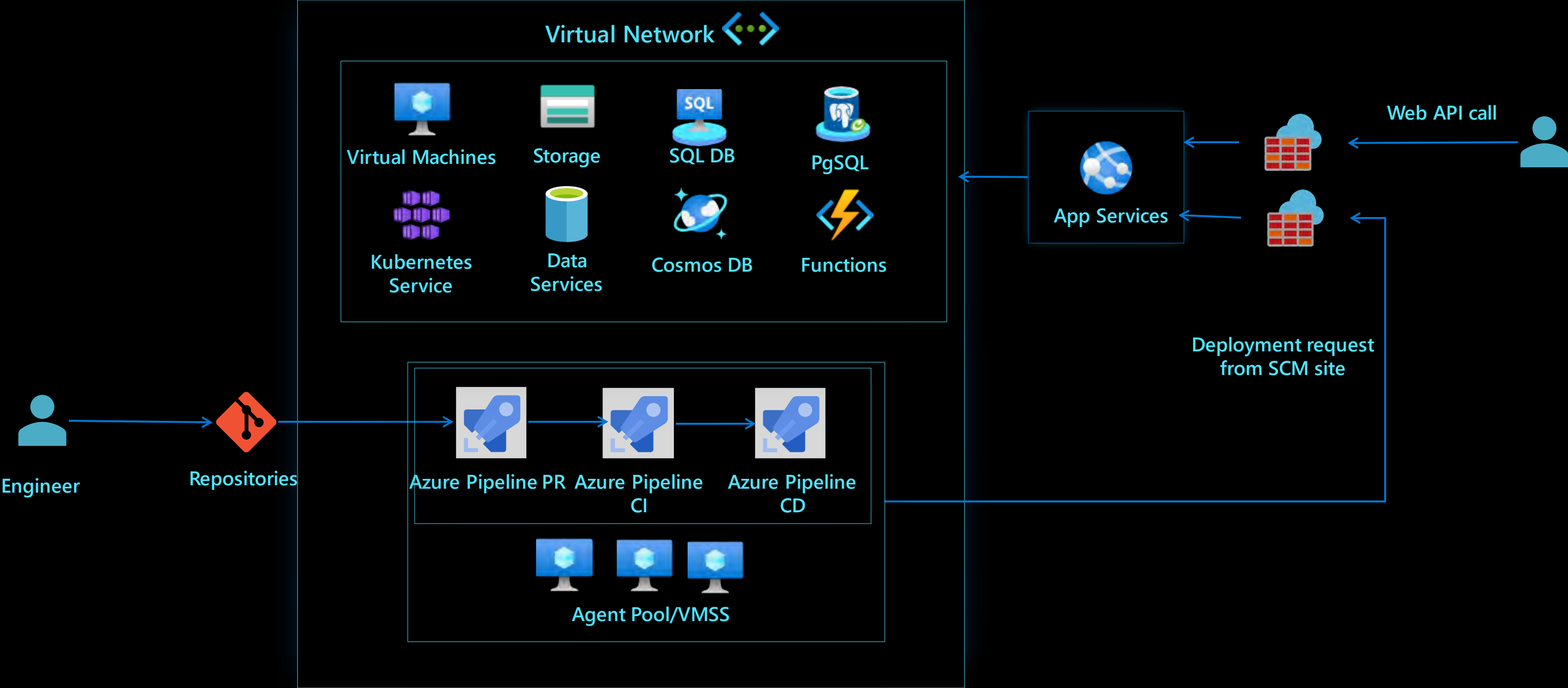
Prebuilt tools and run time dependencies.

Maintained by Microsoft.

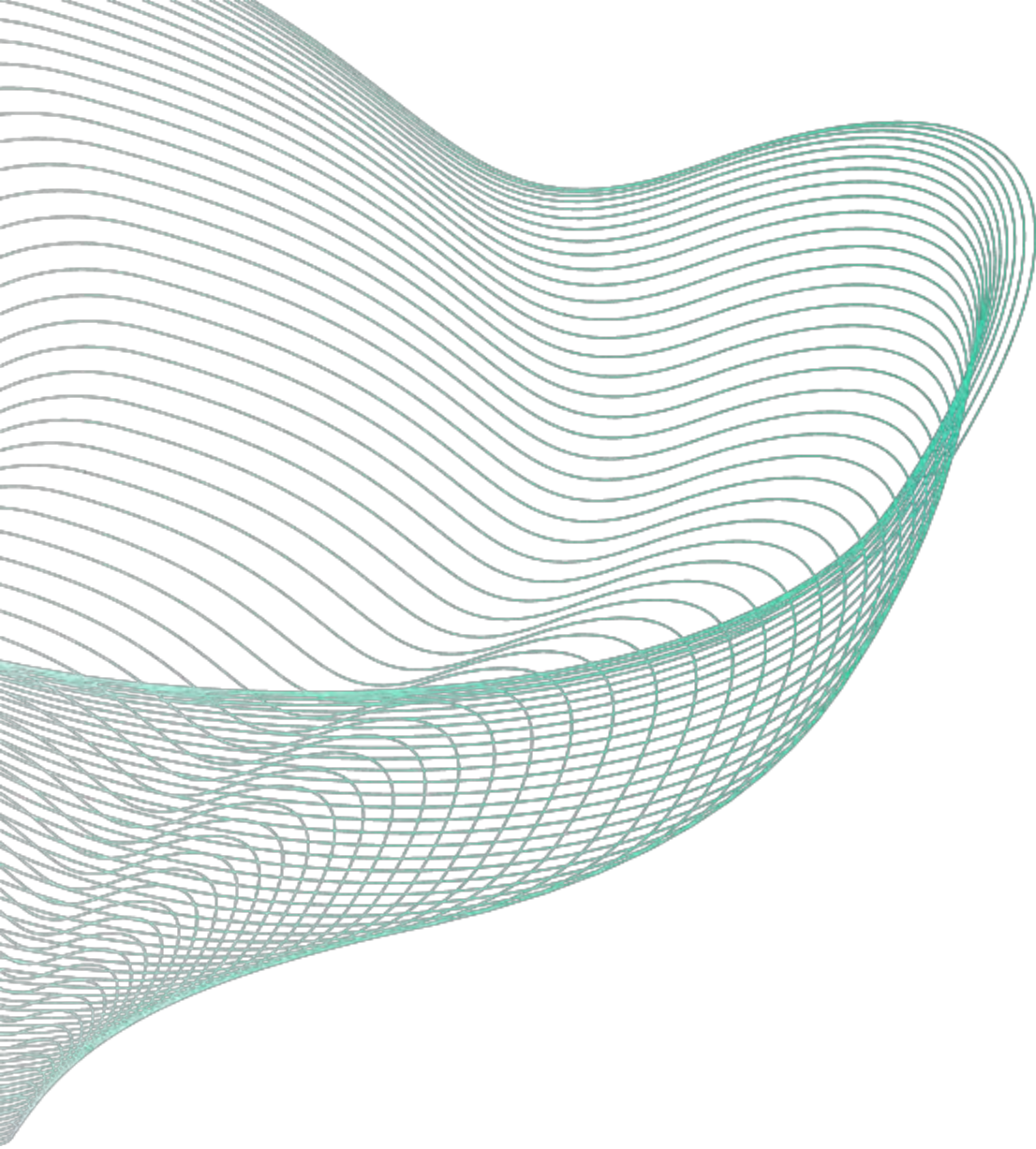
# The first solution...



# The Final solution...



Demo



# Key take aways

1

Security is the first thing you should consider in any project.

2

Cloud security is a shared responsibility. Work closely with your security team or experts to define the unique requirements of your organization.

3

Secure your cloud resources add more complexities and challenges but can avoid big asset lost in the long run. All the pains pay.



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# Useful Materials

[Zero Trust Guidance Center | Microsoft Learn](#)

[Azure Pipelines Agents - Azure Pipelines | Microsoft Learn](#)

[Engineering Fundamentals Checklist - Code With](#)

[Engineering Playbook \(microsoft.github.io\)](#)

[actions/runner-images: GitHub Actions runner images](#)

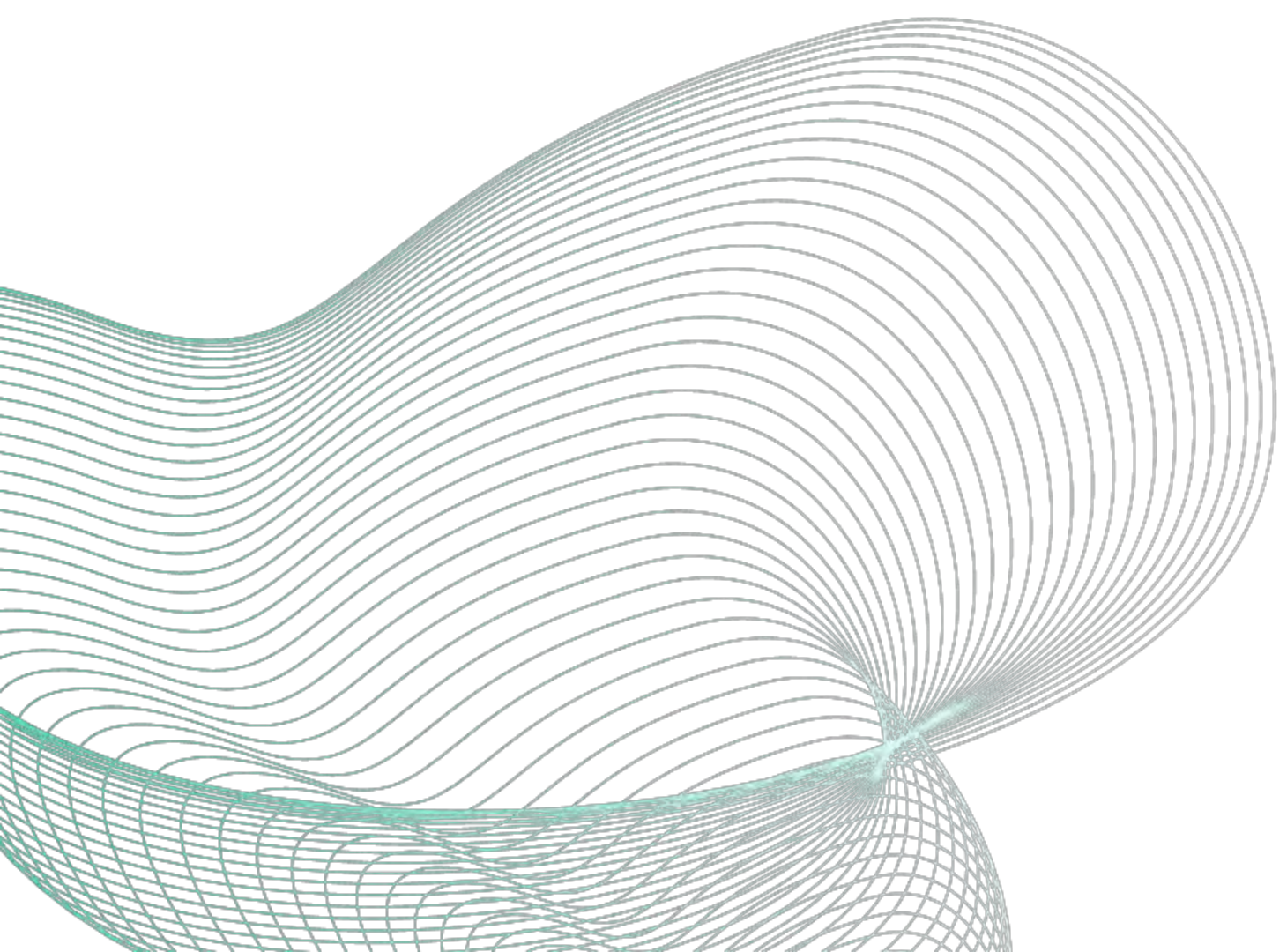


Backup

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# Solutions

Presentations are communication tools that can be used as lectures, speeches, reports, and more. It all depends on the purpose of your presentation.



## Solution 1

In the presentation session, the background can be filled with information that is arranged systematically and effectively concerning an interesting topic to be used as material for discussion at the opening of the presentation session.

## Solution 2

In the presentation session, the background can be filled with information that is arranged systematically and effectively concerning an interesting topic to be used as material for discussion at the opening of the presentation session.

## Solution 3

In the presentation session, the background can be filled with information that is arranged systematically and effectively concerning an interesting topic to be used as material for discussion at the opening of the presentation session.

## Solution 4

In the presentation session, the background can be filled with information that is arranged systematically and effectively concerning an interesting topic to be used as material for discussion at the opening of the presentation session.

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# Introduction



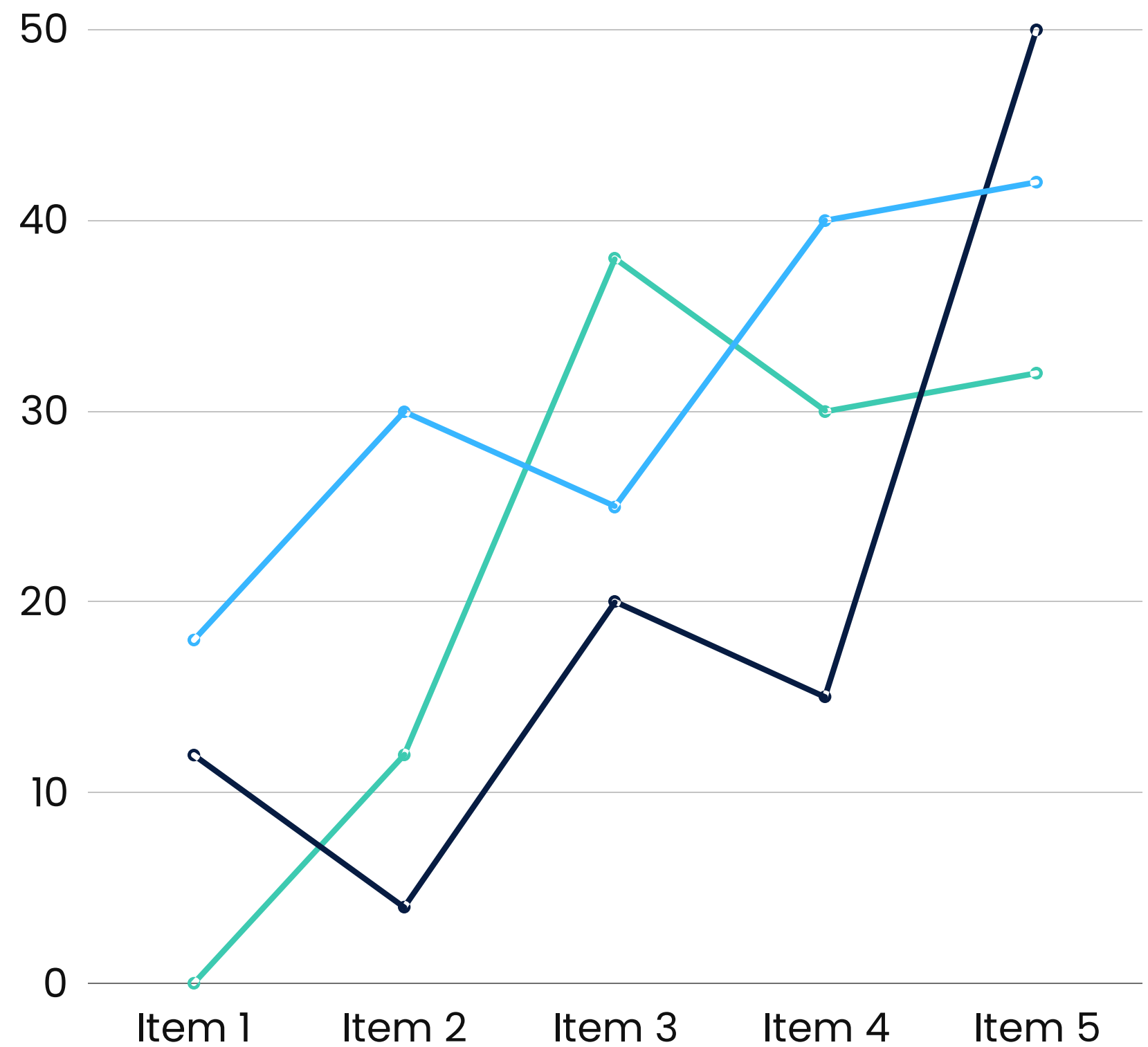
## Company Overview

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# Tractions

Presentations are communication tools that can be used as lectures, speeches, reports, and more. It all depends on the purpose of your presentation.



# Target Market

Presentations are communication tools that can be used as lectures, speeches, reports, and more. It all depends on the purpose of your presentation.

TAM **\$ 98M**

SAM **\$ 78M**

SOM **\$ 68M**



**4:1**



# Market Size



**Jonathan Patterson**

CEO & Founder



**Olivia Wilson**

General Manager



**Sebastian Bennett**

IT Expert



**Juliana Silva**

Marketing Expert

# Our Team

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