

# Understanding Cloud Computing Deployment Models

---



**Vlad Catrinescu**

OFFICE APPS AND SERVICES MVP

@vladcatrinescu <https://VladTalksTech.com>



# Overview



**Understanding cloud computing deployment models**

**Microsoft Azure & the cloud computing deployment models**



# The Different Types of Cloud Computing Deployment Models

---



# Cloud Computing Deployment Models

## Public Cloud

Cloud service provided by a third-party provider, hardware can be shared amongst multiple clients

## Private Cloud

Hardware is only used by a single company, which often owns the hardware and datacenter

## Hybrid Cloud

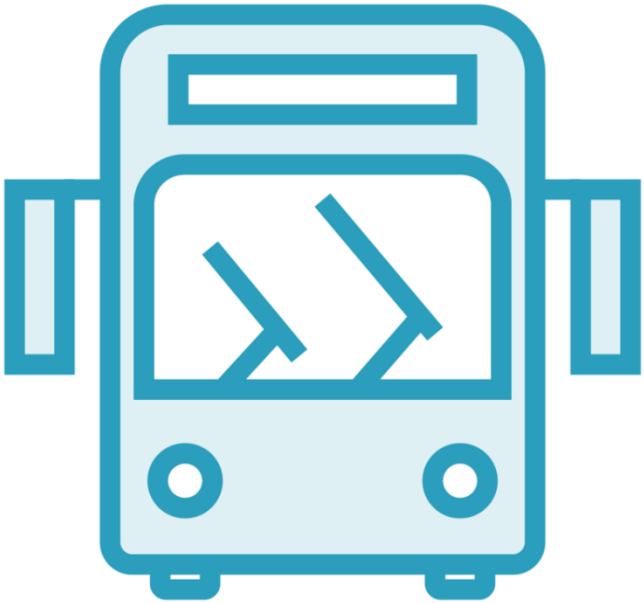
Combination of public and private cloud with automation and orchestration between the two

## Community Cloud

Infrastructure is shared between several orgs from a specific community with common concerns (security, compliance, jurisdiction, etc.)



# Public Cloud



Most Azure customers / offerings are in the public cloud model



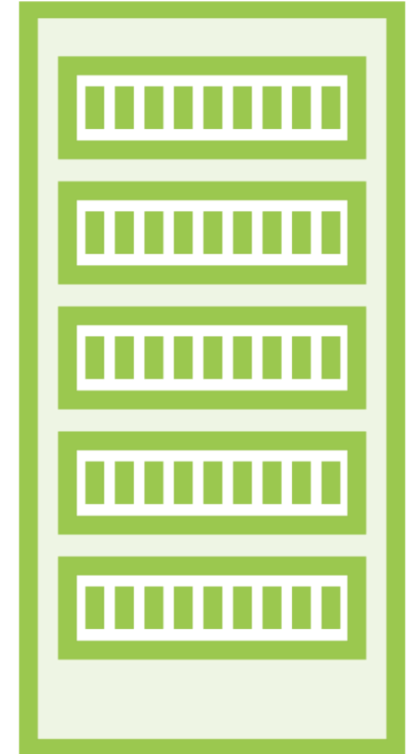
# Private and Hybrid Cloud

Azure Stack allows you to run cloud services on-premises

Azure Stack can be used for connected or disconnected scenarios

Consistent tools, experiences, and app models

Easy transfer workloads to Azure (public cloud)



# Community Cloud



**Azure Government is an Azure offering specific to government entities**

**Can handle data that is subject to government regulations & requirements**

- FedRAMP / DOD / CJIS / etc

**Other Azure community cloud offerings**

- Azure China
- Azure Germany

# Conclusion



## Understanding cloud computing deployment models

- Public Cloud
- Private Cloud
- Hybrid Cloud
- Community Cloud

## Microsoft Azure & the cloud computing deployment models

