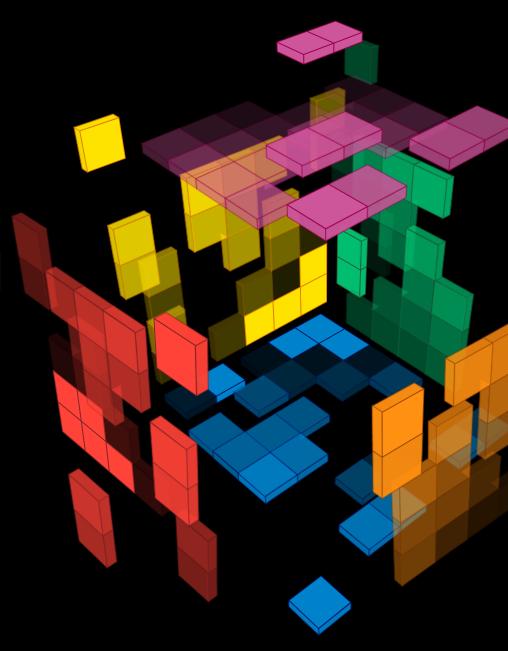
# **Building Credibility With Cloud Natives**

TLDR – It's more than tech





#### whoami







# Define Cloud Native















Cloud-native architecture and technologies are an approach to designing, constructing, and operating workloads that are built in the cloud and take full advantage of the cloud computing model.

https://docs.microsoft.com/en-us/dotnet/architecture/cloud-native/definition



# realestate.com.au®











#### **Attributes Of Cloud Natives**



#### They Move Fast

Empowered decentralised teams



#### **Fail Fast**

Challenger vs Champion



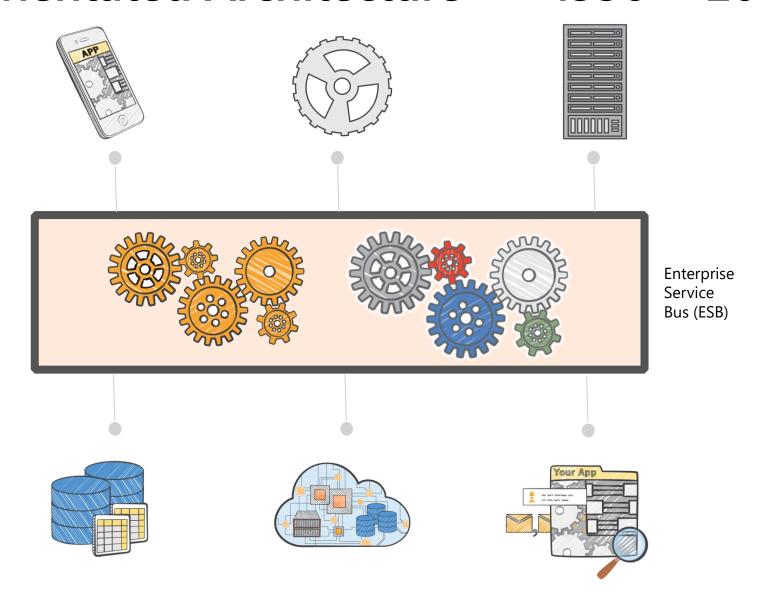
#### They know their stuff

This is more than a 'marketecture' call

# Architectures They are changing



#### Service Orientated Architecture - > 1990 < 2010



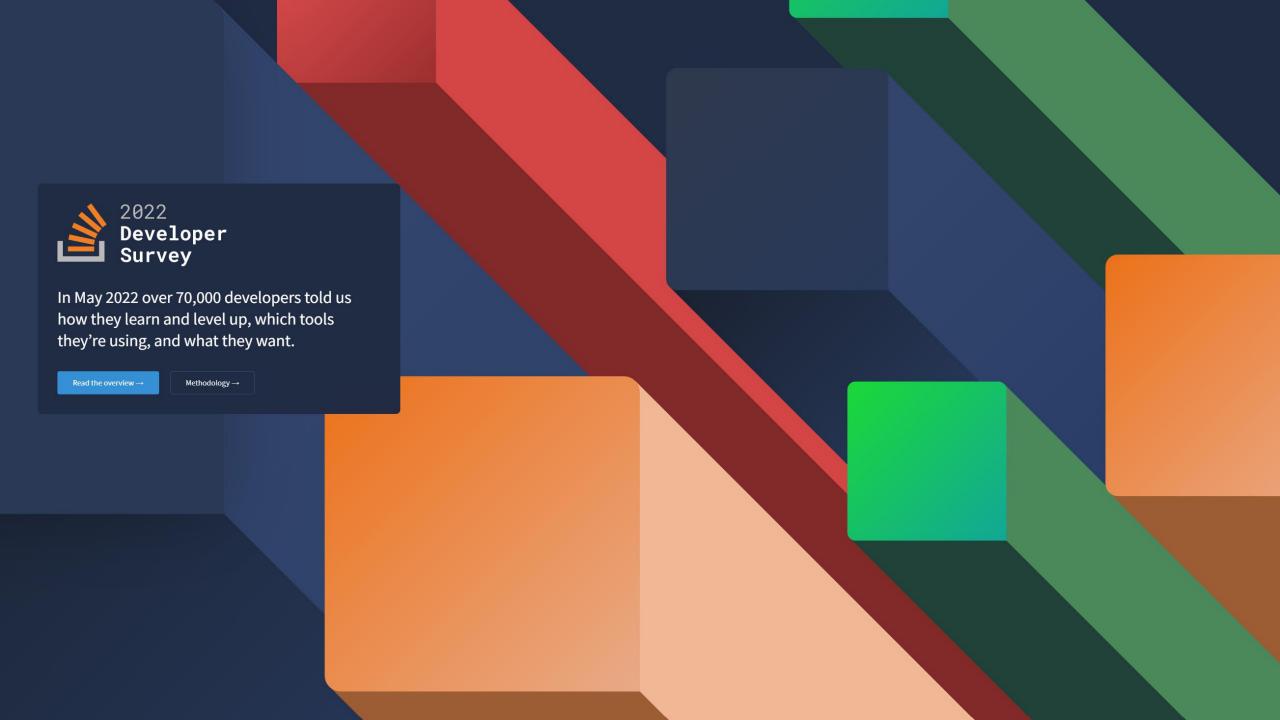






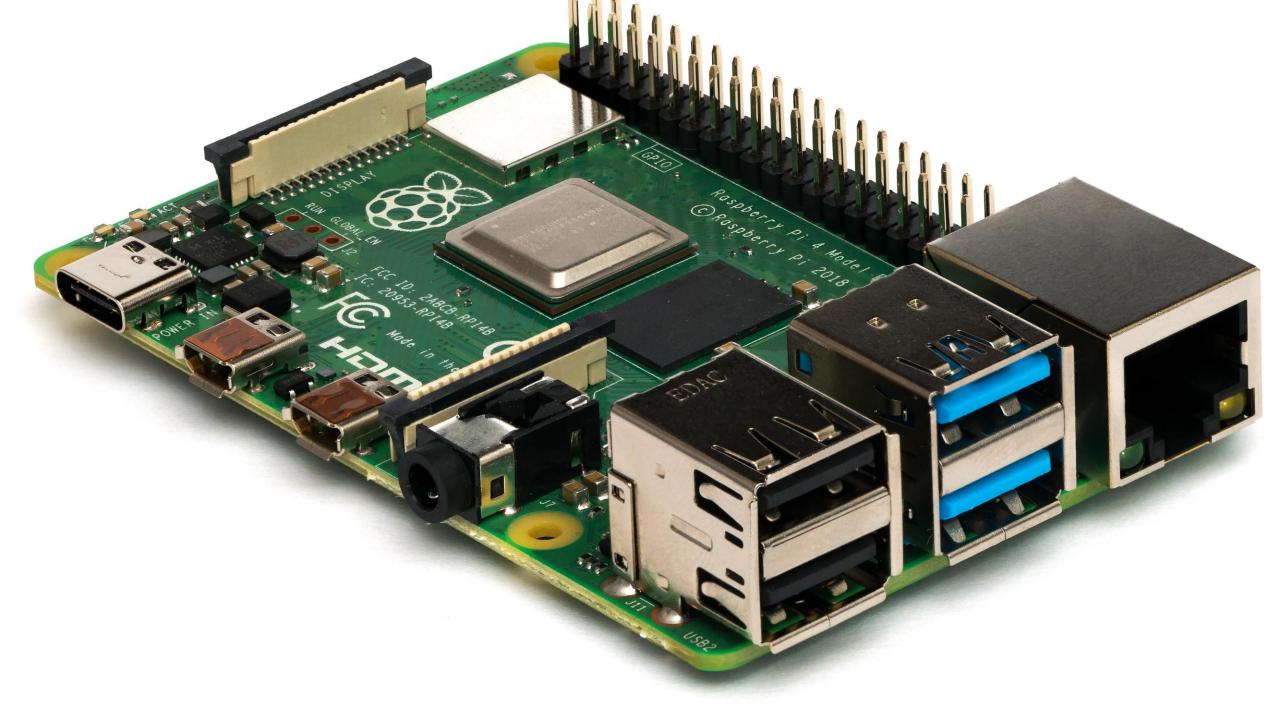
## Azure Heat Map

Azure Updates data for last 6 months visualized. Rebuilt 51 minutes 34 seconds ago.							ALL UPDATES EC	<b>QUAL</b> LA	TEST MORE IMPORTANT	ONLY LAST 7 DAYS		ALL MENTIONS	
Al + Machine Learning	Analytics	Compute	Databases	Development	Identity + Security	IoT + MR	Integration	Management - Governance	+ Media + Comms	Migration	Network	ing	Storage
Machine Learning	Synapse Analytics	Kubernetes Service	Database for PostgreSQL	Azure Spring Cloud	Security Center	Azure Sphere	API Management	Azure Monitor	Communication Services	Site Recovery	<b>△</b> ExpressRo		Azure Storage
Cognitive Services	Data Explorer	Azure Functions	Cosmos DB	Azure DevOps	(3) Azure Key Vault	<b>(</b> IoT Central		<b>#</b> Automation	Media Services		VPN Gate	eway	S Managed Disks
	<b>&amp;</b> Azure Purview	Virtual Machines	Database for MySQL		Azure Sentinel	Azure Maps		Azure Policy	<b>≟</b> Azure CDN	DB Migration Service	Applicat Gatewa	_	Data Lake Storage
	HDInsight	App Service	sol SQL Database			닭 loT Hub		Azure Backup					
	Stream Analytics	Azure VMware Solution	Database for MariaDB								⟨∙∙⟩ Virtual Ne		
	Data Factory		Redis Cache										
	Event Hubs	VM Scale Sets											
								6					



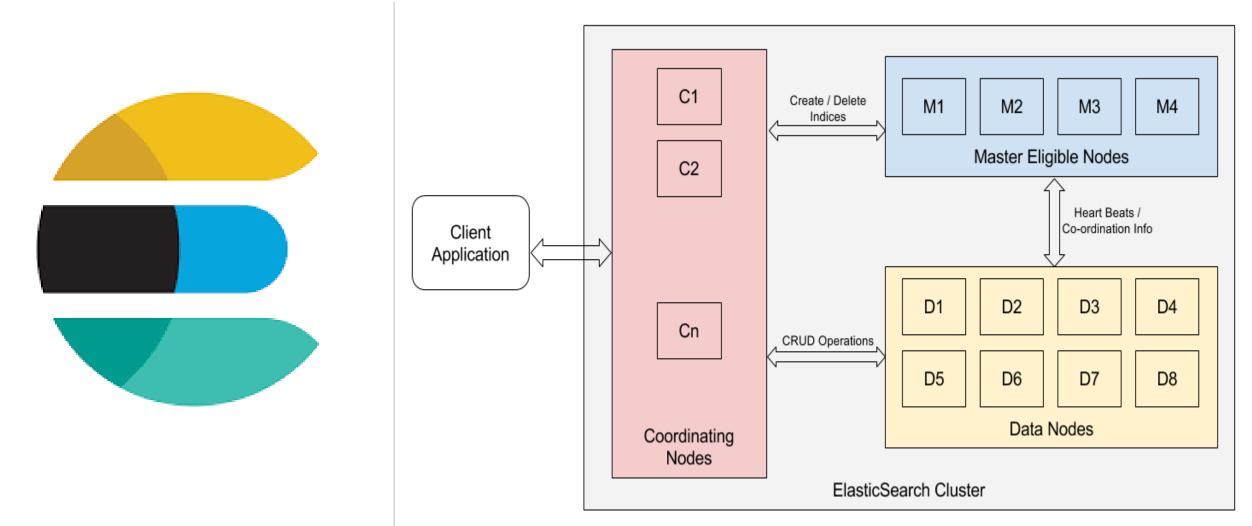
# **Engineering Economics**





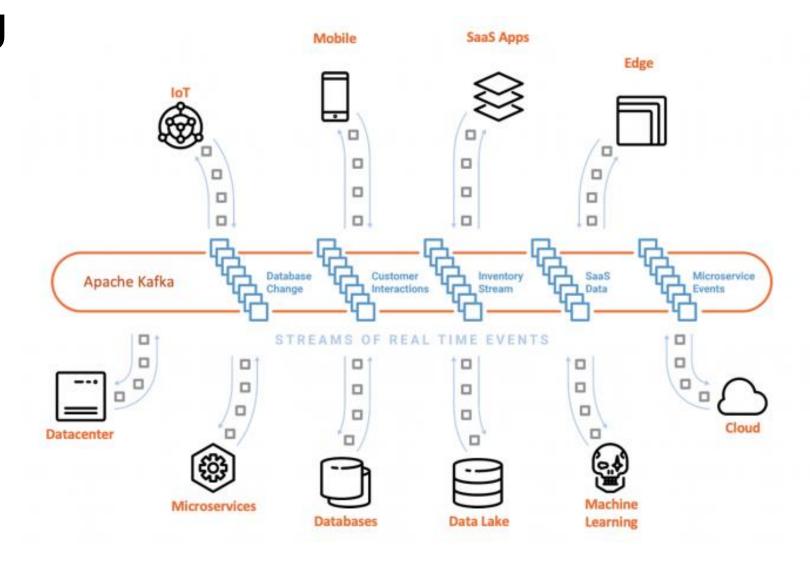
# Software Stacks & Concepts You should be aware of

## **Apache Lucene Based Search**



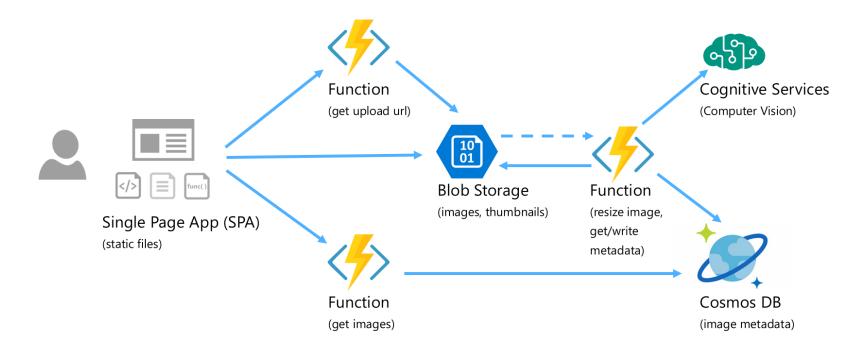
## **Event Streaming**

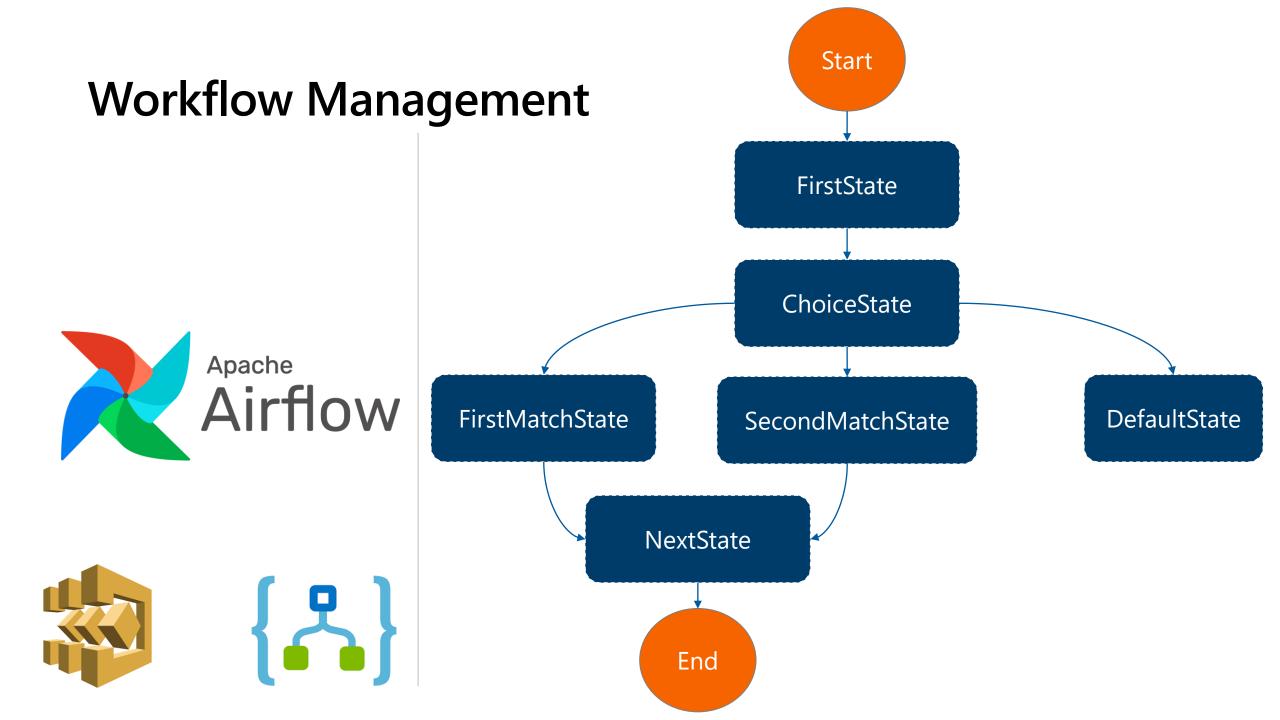




#### **Event Driven Architectures**

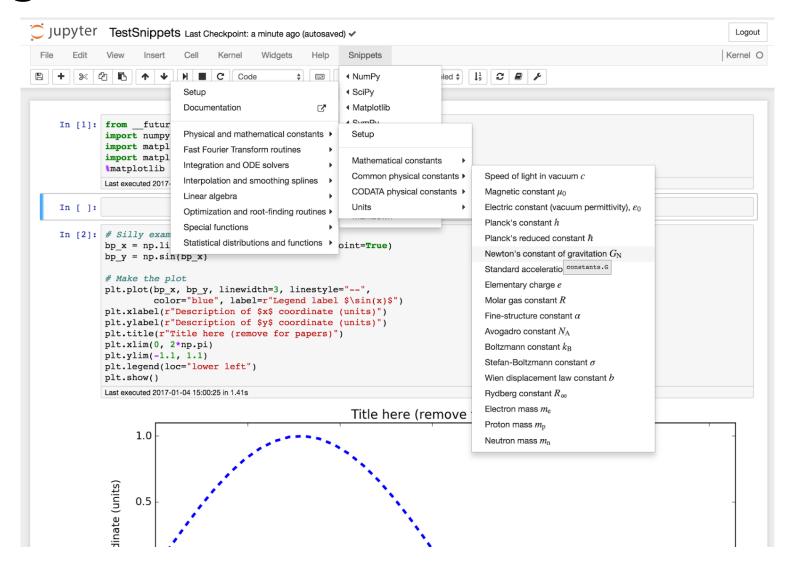






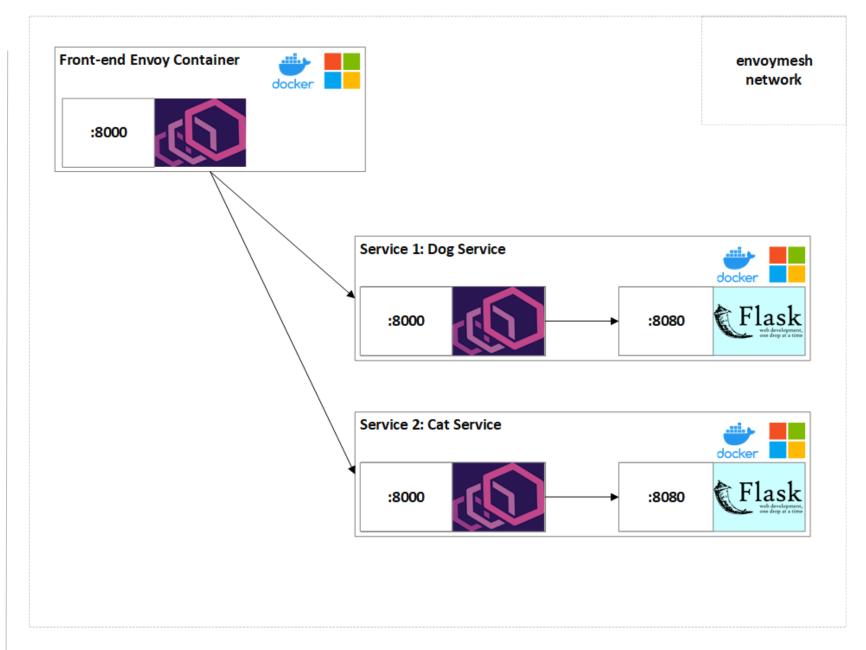
### **Machine Learning**





## L7 Routing

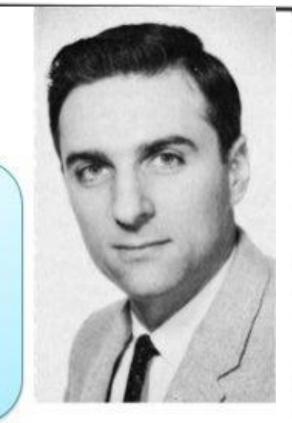




# **Culture Eats Tech For Breakfast**

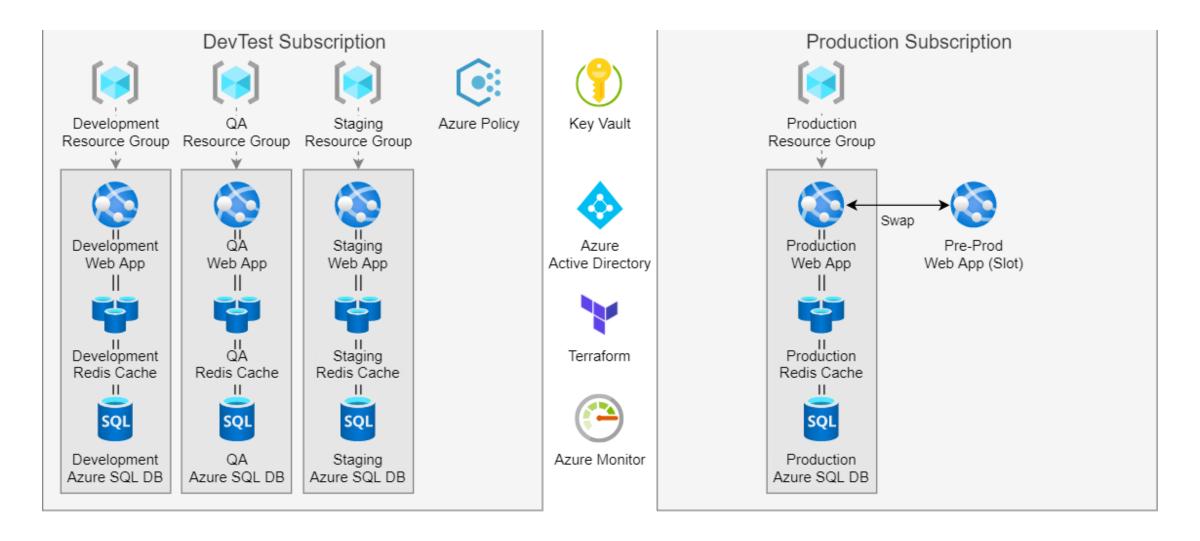
# Conway's Law

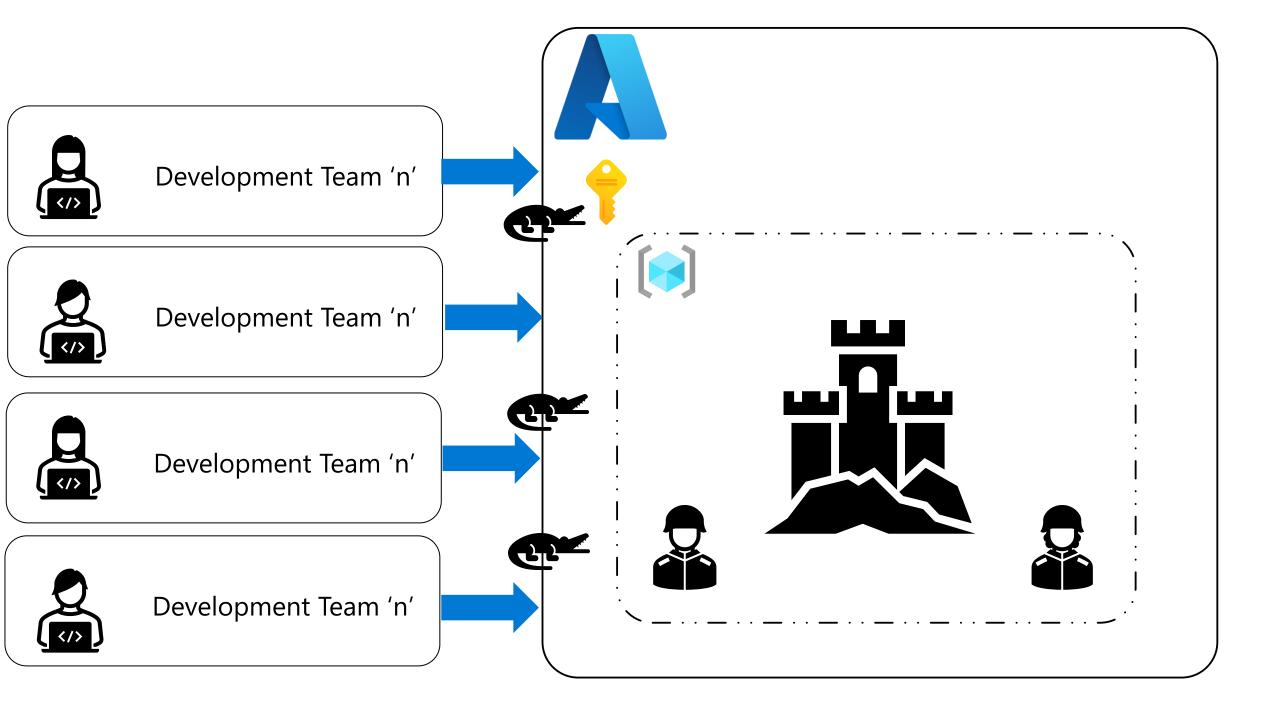
organizations which design systems (in the broad sense used here) are constrained to produce designs which are copies of the communication structures of these organizations

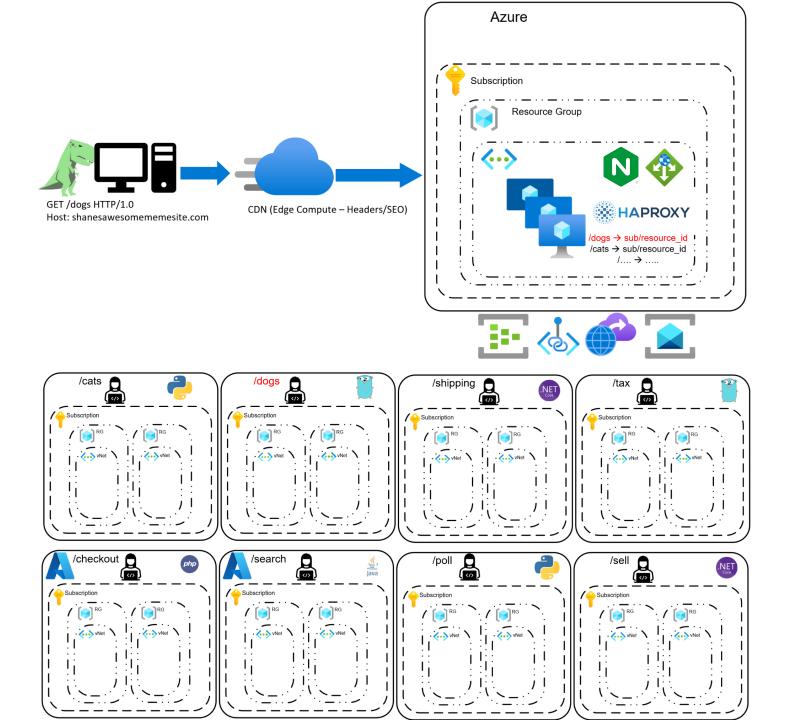


Melvin Conway, Datamation, **1968**http://www.melconway.com/Home/Conways\_Law.html

#### **Classic Account Structure**



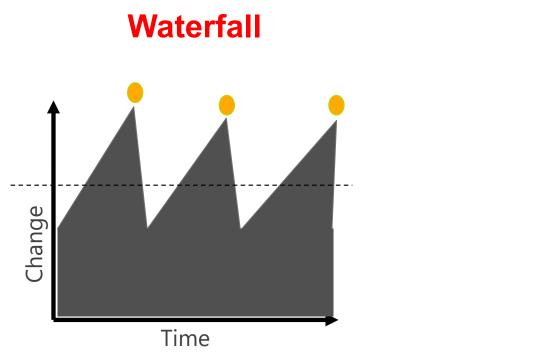




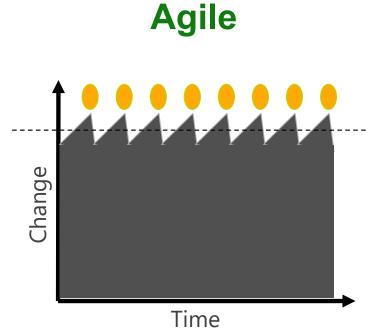
# Hundreds of teams Microservice architecture Continuous delivery Multiple environments

= IT no longer a business blocker

## **Deploying More Frequently Lowers Risk**

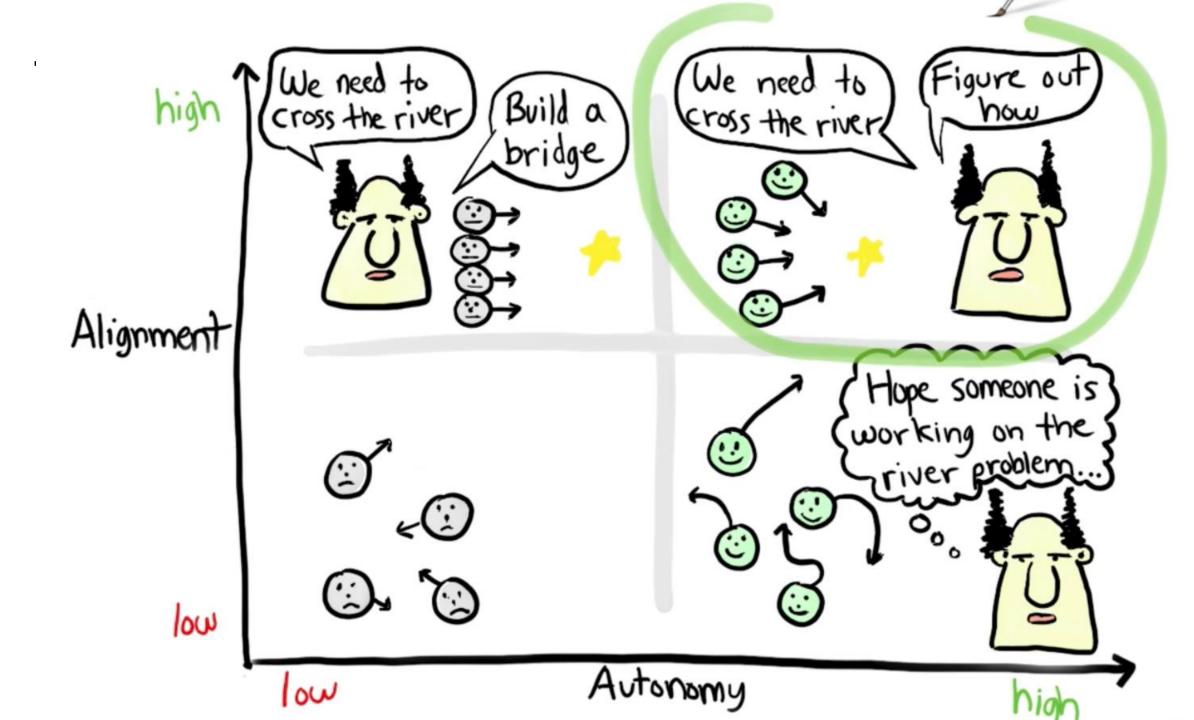


**Larger Effort – Increased Risk** 



**Smaller Effort – Reduced Risk** 





#### **Call To Action**



#### Be A Learn It All

How are you sharpening your saw



#### **Culture**

Is your engagement approach on point?



#### Want to know more?

Drop me a message (details next).

# Let's Be Friends.....

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