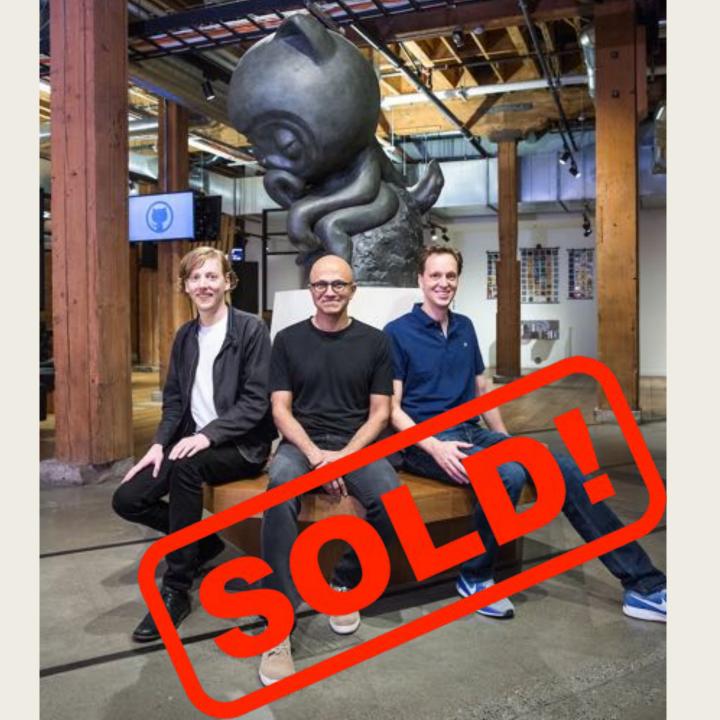
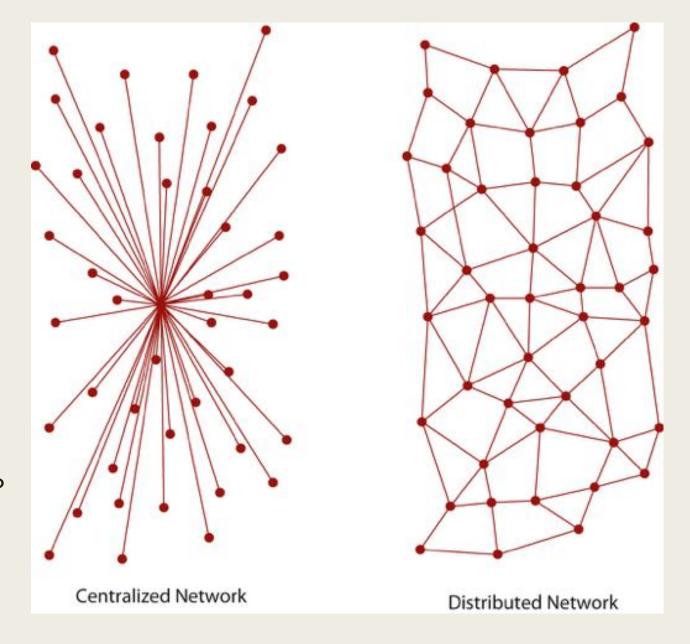
MICROSOFT AZURE

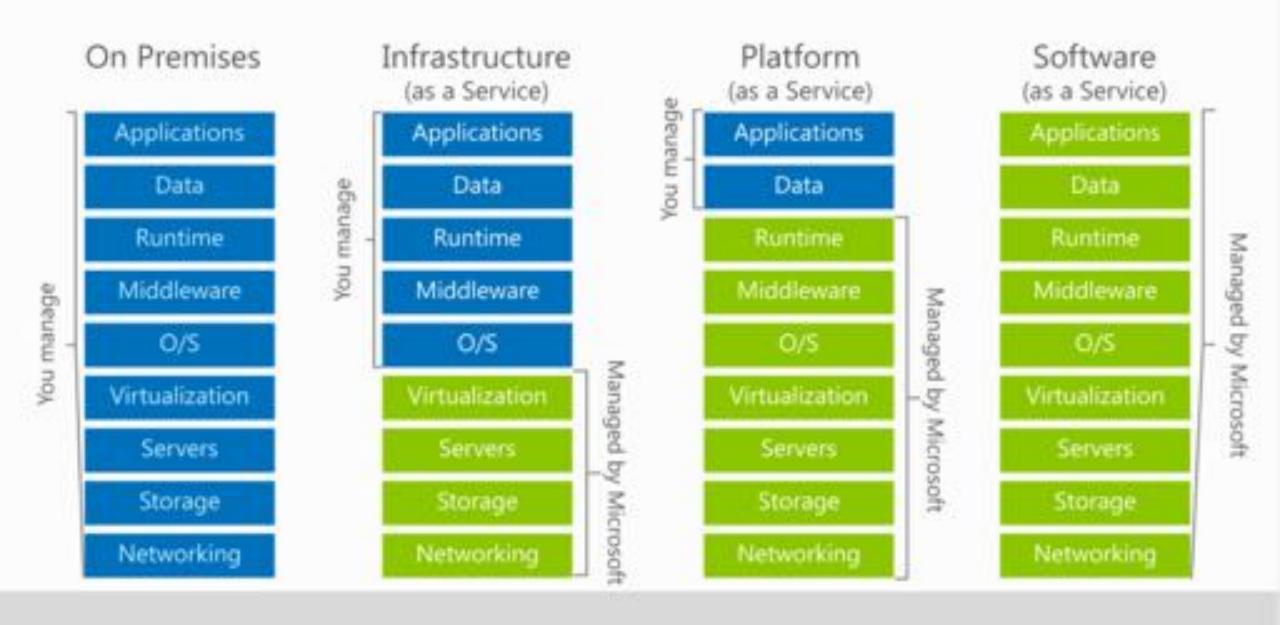
I have used material from internet which require proper citation however I am planning to spent my time rather on explaining stuff rather than citations. Please do not distribute.



Introduction

- 1970s
- **1**989
- **1991**
- **1991**
- **1997**
- **2008**
- [2008] Why to buy a computer?







http://www.enpointe.com/images/pdf/Microsoft-Azure_The-Workhorse-of-Cloud-PowerPoint.pdf

Microsoft Azure (Mid 2015)

>80%

Fortune 500 using Azure

>300k

Active websites

More than

1,000,000

SQL Databases in Azure

TRILLION storage objects

>500 MILLION AAD users

3 MILLION requests/sec

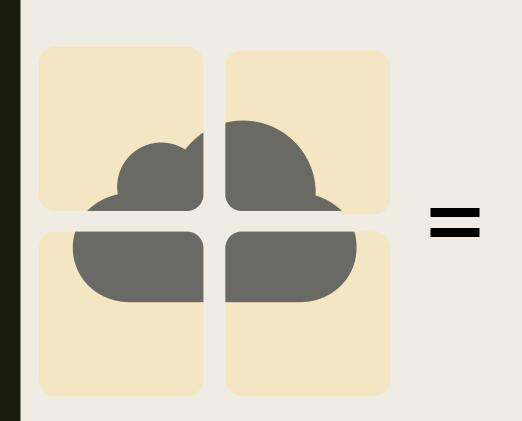
>13 BILLION authentication/wk

>1.65

MILLION

Developers registered with Visual Studio Online

Azure App Service: One Integrated Offering





Web Apps

Web apps that scale with your business



Mobile Apps

Build Mobile apps for any device



Logic Apps

Automate business process across SaaS and on-premises



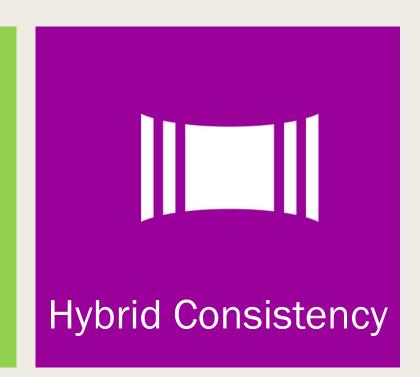
API Apps

Easily build and consume APIs in the cloud

Introduction

Move Faster

Save Money



pay only for what you use





per minute billing



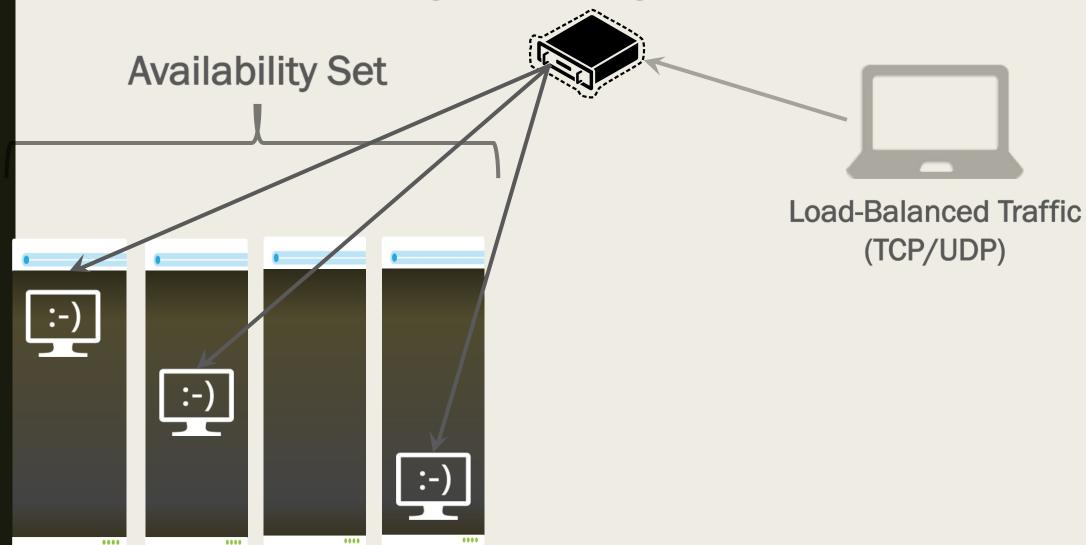
no charge for stopped VMs



Virtual Machines

- ← Windows Server and Linux Virtual Machines
- ← Flexible Workload Support
- ← Virtual Private Networking

Load Balancing and High Availability





The same of the sa

Free account >

Your vision. Your cloud.

Turn your ideas into solutions faster using a trusted cloud that is designed for you.

Why Azure v. Solutions: Products v. Documentation: Pricing Training Marketplace: Partners v. Support v. Blog. More v.

Azure. Cloud for all.

Start free





Microsoft Build highlights

Extend Al and analytics to edge devices with Azure IoT Edge >

Develop and infuse custom Al into apps with MLNET >

Using Kubernetes is simpler than ever with Azure Kubernetes Service (AKS) >

















az group create

az appservice plan create --name myAppServicePlan -resource-group myResourceGroup --sku FREE

Create a WebApp in Azure

az webapp create --resource-group myResourceGroup -plan myAppServicePlan --name <app_name> --runtime
"python|3.4" --deployment-local-git

Each of the above commands gives you a JSON format results for the status of execution

Create a WebApp in Azure

az webapp create --resource-group myResourceGroup --plan myAppServicePlan --name <app_name> --runtime "python | 3.4" --deployment-local-git

```
Local git is configured with url of

'https://<username>@<app_name>.scm.azurewebsites.net/<app_name>.git'

{
    "availabilityState": "Normal",
    "clientAffinityEnabled": true,
    "clientCertEnabled": false,
    "cloningInfo": null,
    "containerSize": 0,
    "dailyMemoryTimeQuota": 0,
    "defaultHostName": "<app_name>.azurewebsites.net",
    "deploymentLocalGitUrl":

"https://cusername>@<app_name> sam_azurewebsites.net/<app_name> git"
```

This web site is running Python 3.4.1

There's nothing here yet, but Microsoft Azure makes it simple to publish content with GIT, FIP or your favorite development tool such as Visual Studio. Visual Studio Online or WebMatrix

Tell me more (-)



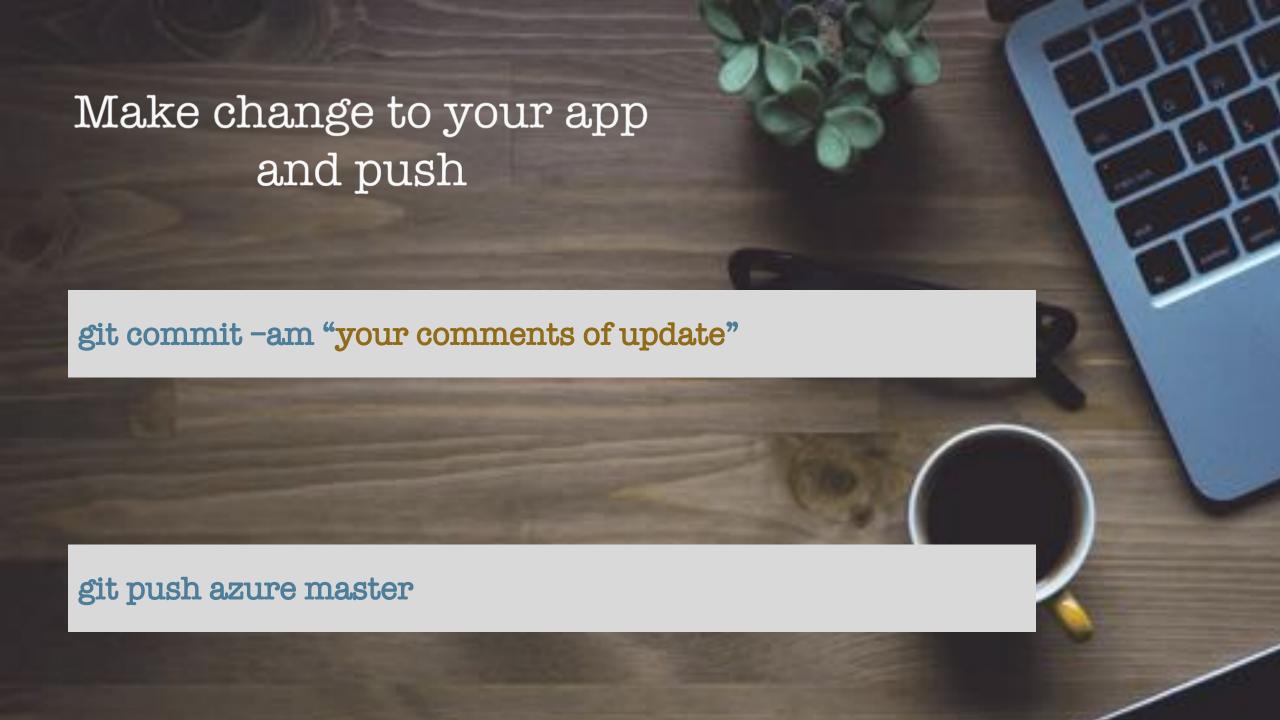


Push the webapp to Azure

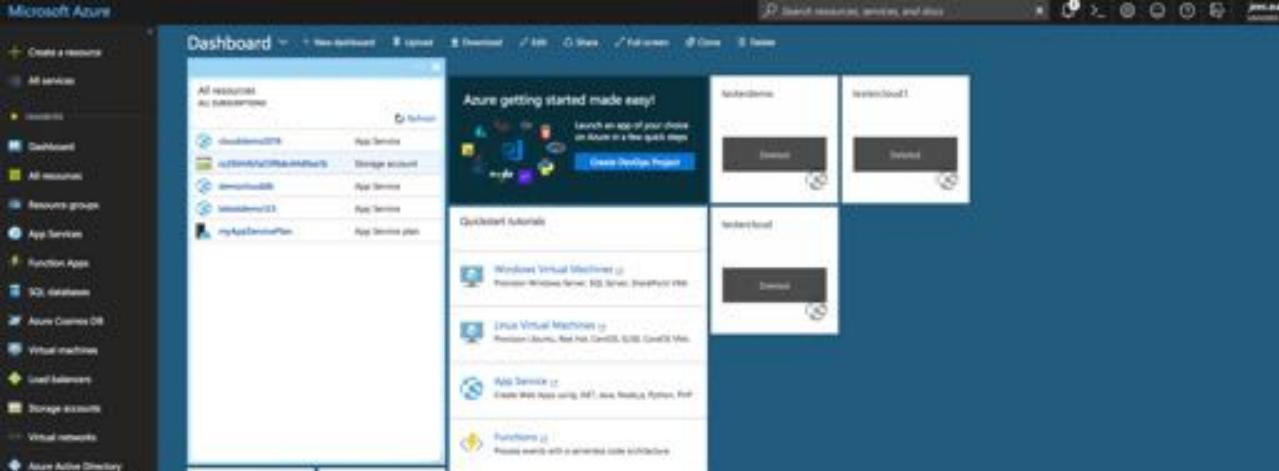
git remote add azure <deploymentLocalGitUrl-from-createstep>

git push azure master

http://<app_name>.azurewebsites.net







MQ, Detables of

through women life families as a farmer

CO sourisem

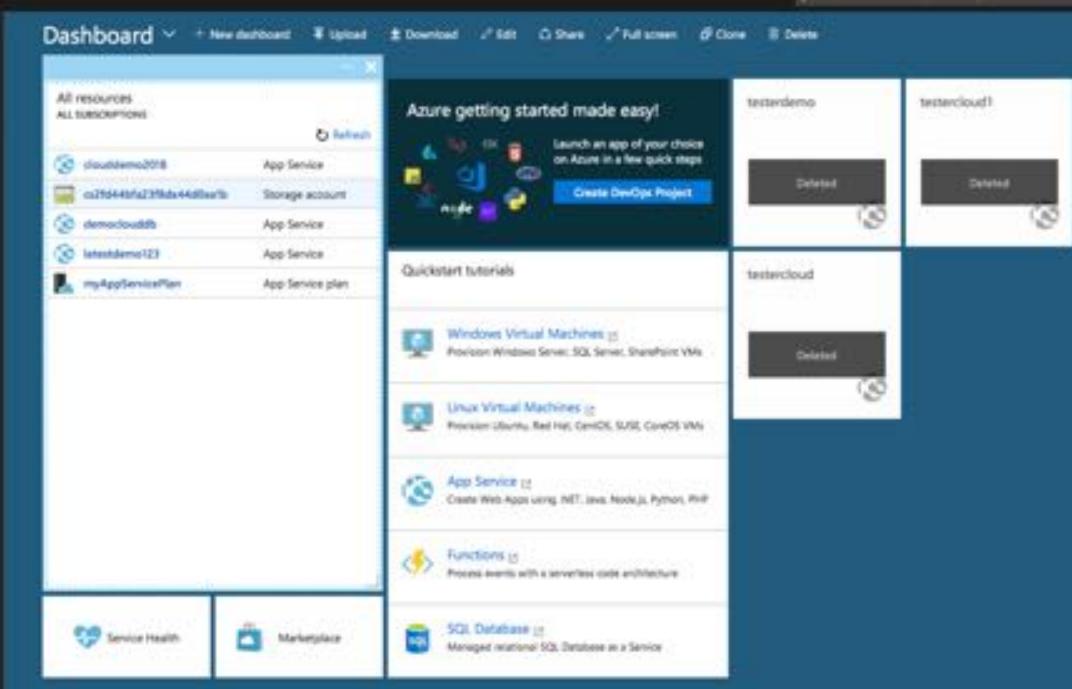
Security Center

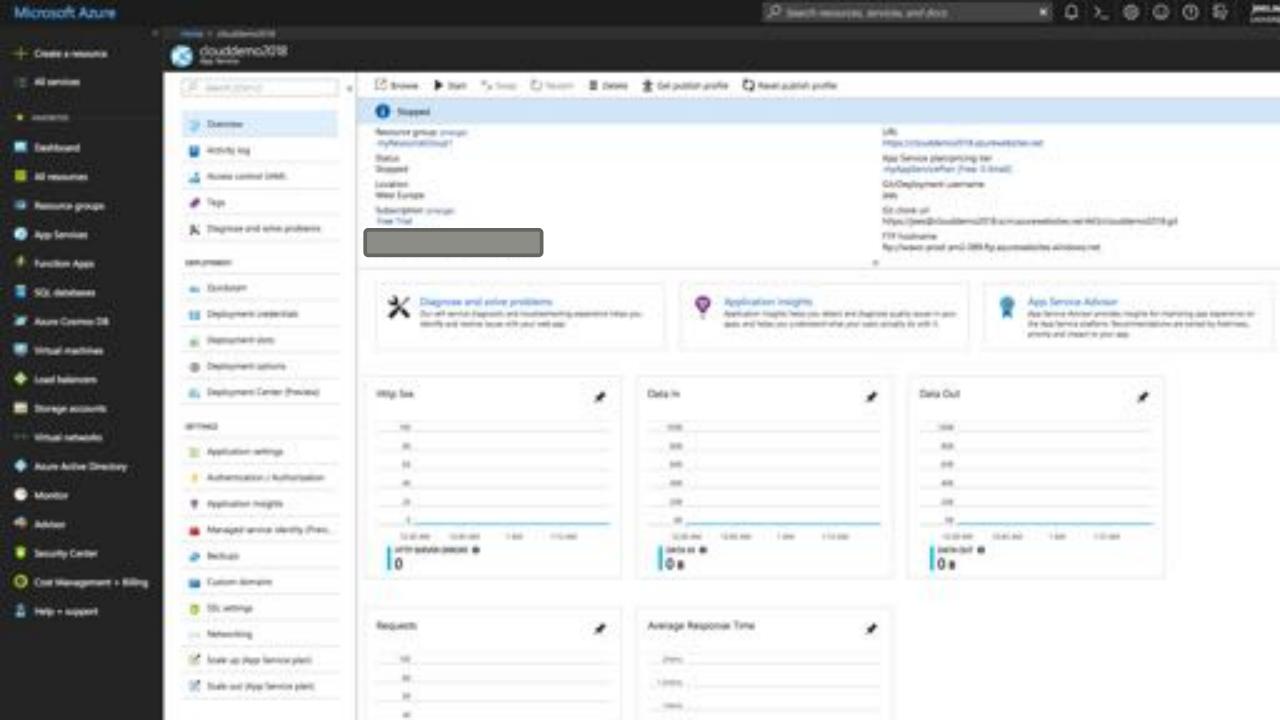
Their r support

(and Management + Billing

Derechtes

- + Create a resource
- All services
- · Nomental
- Dauhboard
- All resources
- Resource groups
- App Services
- Function Ages
- SQL detebeses
- Azure Coursos D8
- Wittial machines
- Load balancers
- Storage accounts.
- Virtual networks
- Asure Active Directory
- Monitor
- Advisor .





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P Asset Chrys

Overview

Activity log-

● Tegs

DEPLOYMENT

MITTIPUSS

Quickstart

Deployment plats.

Deployment options

Application settings

Application insights

Access control (AM)

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