

Global Azure Bootcamp

Jacksonville



Global Sponsors



Sponsors

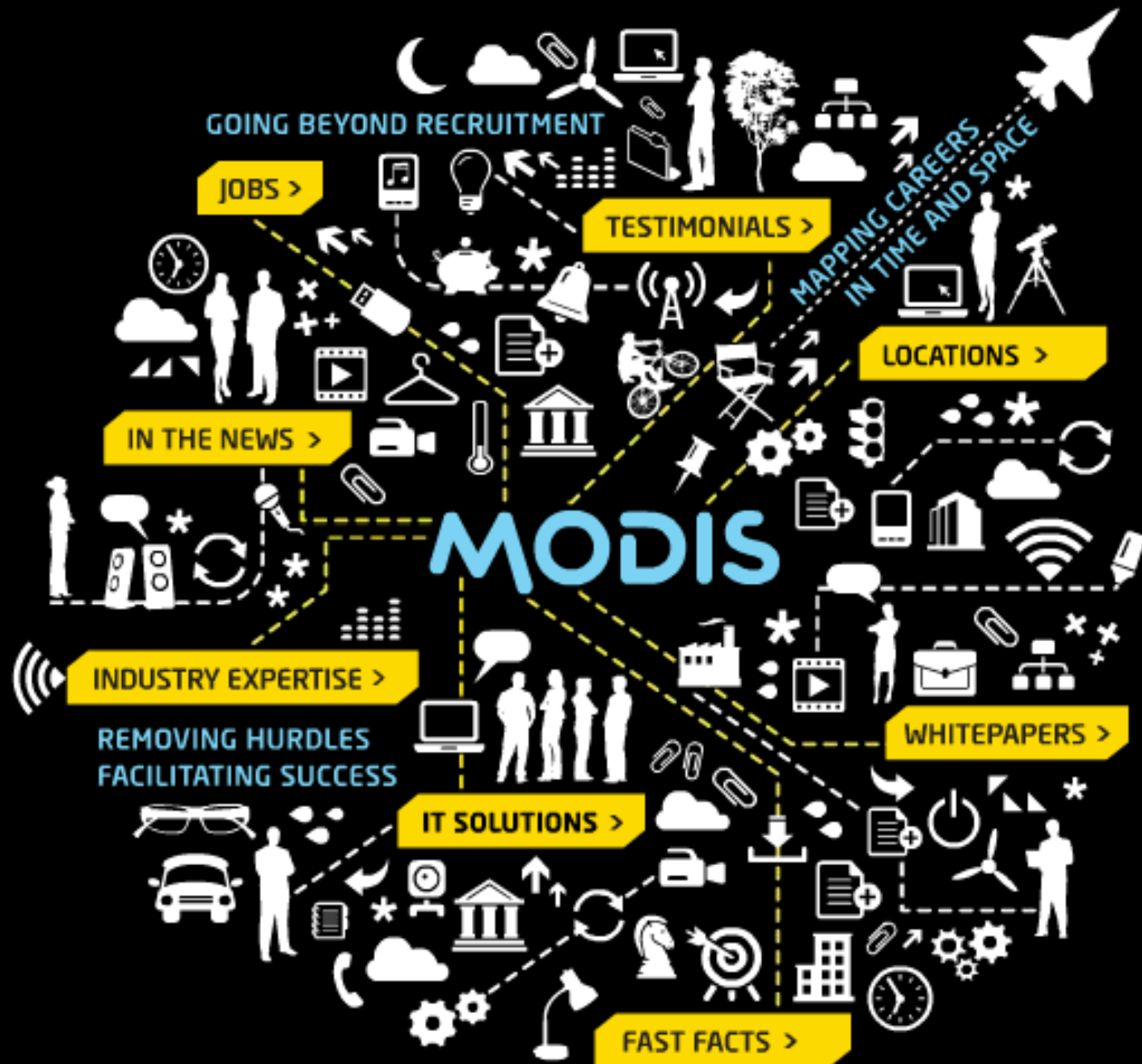
MODIS

Intelligink

feature[23]

MAKING EXCEPTIONAL CONNECTIONS IN A COMPLEX WORLD

The world of technology is a dynamic and ever-changing place. Let Modis help you navigate through it.



Giveaways

| | Sponsor | Offering |
|--|--|---|
|  | Cloudmonix https://cloudmonix.com/ | Cloudmonix offers 1 full month of unlimited monitoring under the Ultimate plan. |
|  | SentryOne http://www.sentryone.com/ | SQL Sentry offers an extended evaluation for every attendee. |
|  | ServiceBus360 http://www.servicebus360.com/ | Servicebus360 offers an extended license until September 30 for all attendees, and this for 3 namespaces, 3 alarms per namespace, 3 resources per namespace to monitor and 2 users. |
|  | OpsGility http://www.Opsgility.com/ | Opsgility offers a 30 day subscription free trial for all attendees. |

Raffle Prizes



1 Winner: One license chosen from ReSharper, dotTrace Memory, dotTrace Performance, dotCover, dotPeek, PhpStorm, PyCharm, IntelliJ IDEA, AppCode, WebStorm, RubyMine. You'll receive a voucher with a code from the Organizers.



1 Winner: a 1 year license of DBSentry (formerly [Performance Advisor for Azure SQL Database](#)) for raffle per location. Give your Full name and email to the Organizers.



[MyGet](#) is offering a free Starter subscription for 1 year for 1 attendee per location. Give your Full name and email to the Organizers.



They offer 3 12-month subscriptions per GAB Location. Give your Full name, email phone and company to the Organizers.

Jax Cloud User Group

Meeting time

4:30PM – 6:00PM

Location

Adecco Corporate Building
10151 Deerwood Park Blvd
Building 200
Jacksonville, FL

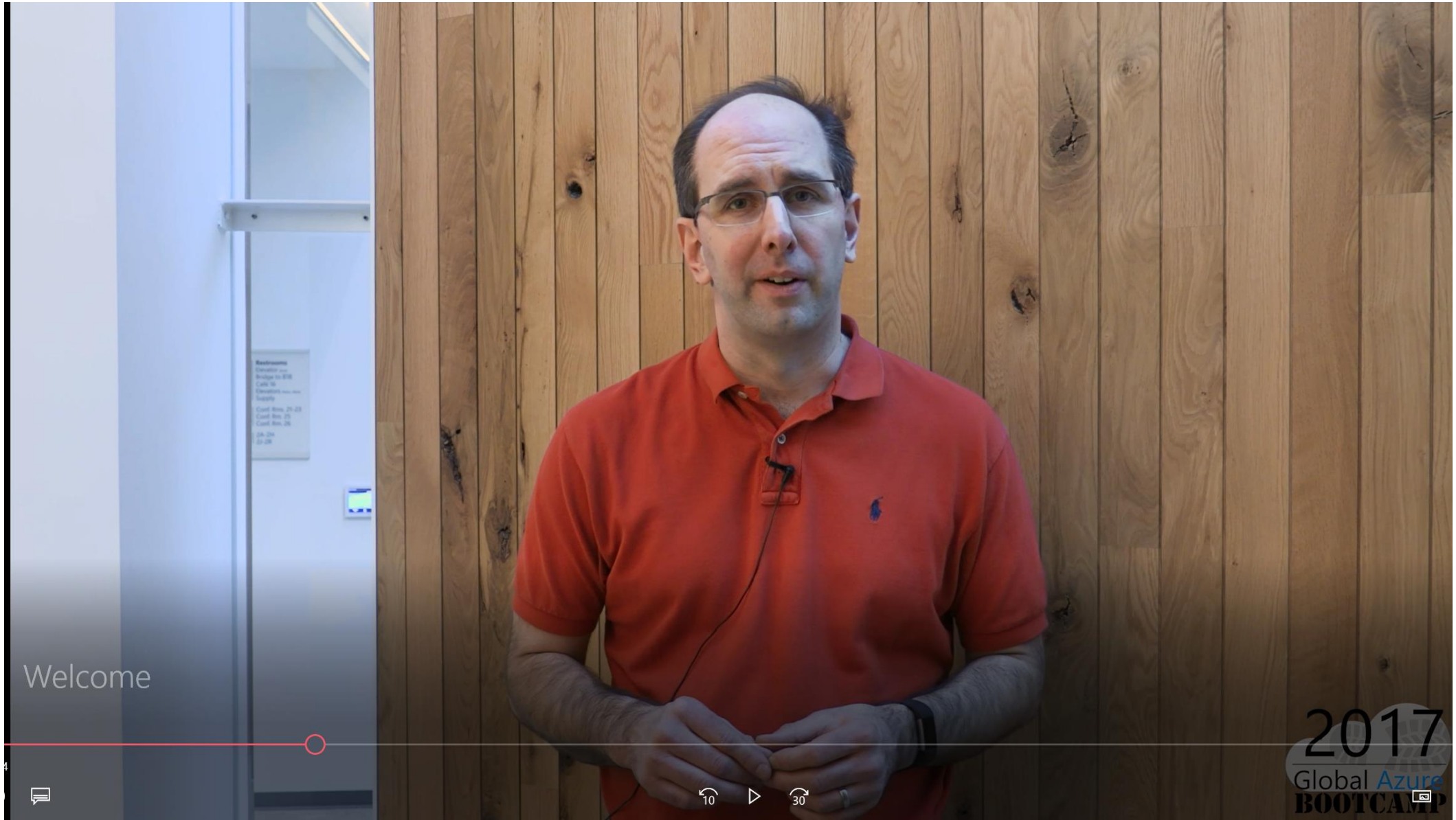
Next meetup April 26!



Join us on slack
jaxcloudug.azurewebsites.net



Welcome!





Get \$200 free credit

Start free with \$200 in credit, and keep going with free options.



Try any Azure services

Explore the cloud by trying out any combination of Azure services for 30 days.



Pay nothing at the end

Your credit card information is used for identity verification, but you'll never be charged unless you choose to subscribe.



| START TIME | END TIME | SESSION | | |
|------------|----------|--|---|---|
| 9:00 | 9:30 | Registration, Breakfast - Feature23 | | |
| 9:30 | 10:00 | Introductions and Overview | | |
| 10:00 | 11:00 | IaaS Session Scott Hoag "Managing your Azure Environment" | Dev Session Andrew Connell and Mike Sperry "Developing Outlook Add-Ins with Azure" | Feature 23 Mike Potts "Azure Machine Learning" |
| 11:00 | 11:15 | Break - Snacks Provided by Intelligink | | |
| 11:15 | 12:15 | Science Lab - The Secret Life of Galaxies: Unveiling the true nature of their star formation | | |
| 12:15 | 1:15 | Lunch - Sponsored by the Microsoft Developer Experience [DX] Group | | |
| 1:15 | 2:15 | IaaS Session Ben Stegink "ARM Templates for VMs" | Dev Session David Fekke "NodeJS, Azure Functions and Serverless" | Feature 23 Mike Potts "Azure Container Services" |
| 2:15 | 2:30 | Break - Snacks Provided by Intelligink | | |
| 2:30 | 3:00 | Wrap-Up & Door Prizes - Modis | | |

Managing Your Azure Environment

Speaker: Scott Hoag

You're in full control of how you manage your Azure environment. If you're a point-and-click wizard, there's a web portal for you. If you're a Windows server admin who lives and breathes PowerShell you're covered as well. And if you're a command line guru who thinks Bash is more than a four letter word you're in luck!

In this session we'll review the available tooling for interacting with your Azure resources, including the Azure Portal, PowerShell, and the Azure CLI.

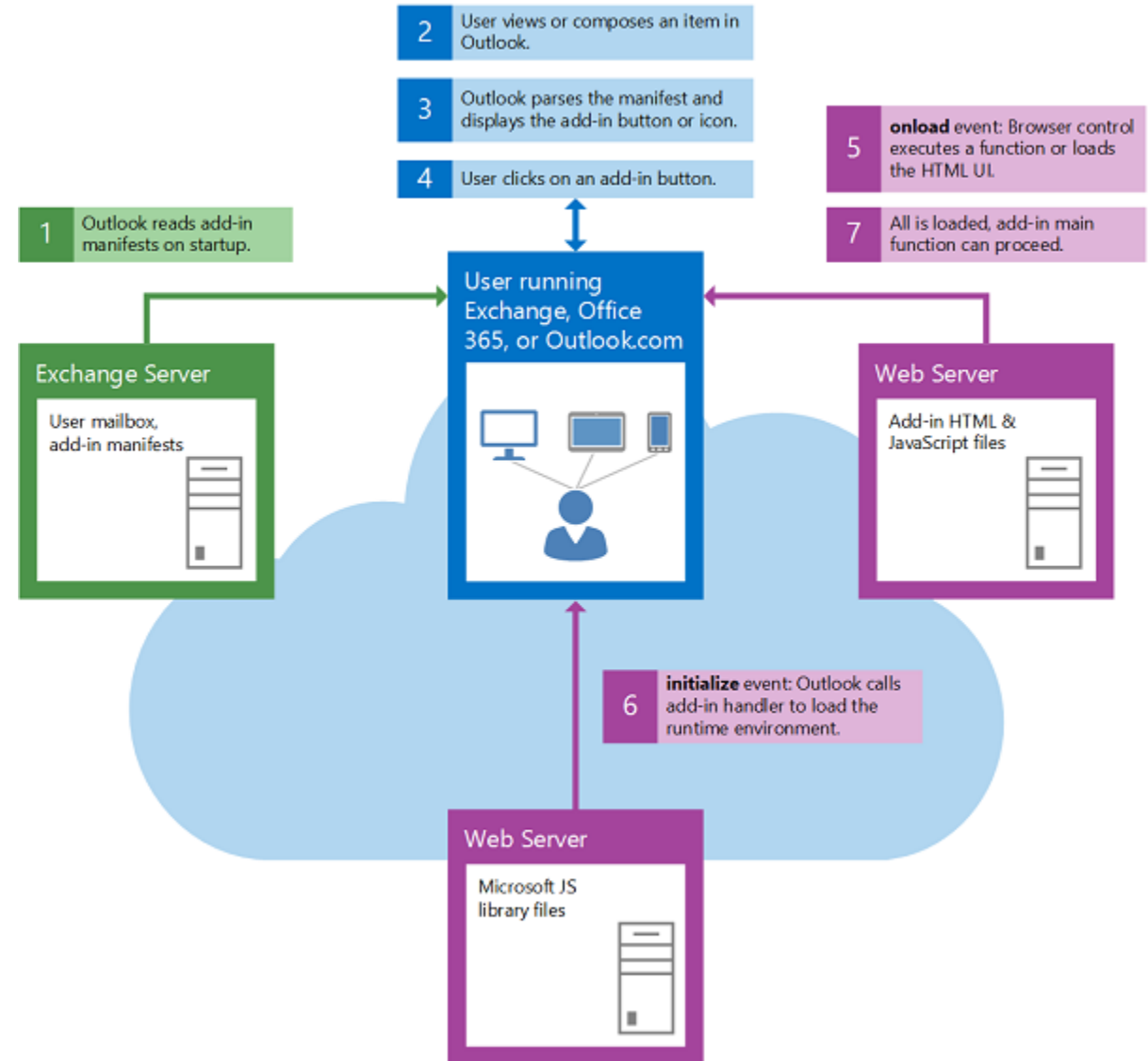


Developing Outlook Add-ins with Azure

Speakers: Andrew Connell
Mike Sperry

Learn How Sperry Software is taking an established installable software product to a cloud-native SaaS business using Microsoft Azure.

You will hear the behind the scenes decisions related to architecture and how the product was redesigned to operate in a scalable and fault resilient way as a SaaS offering.

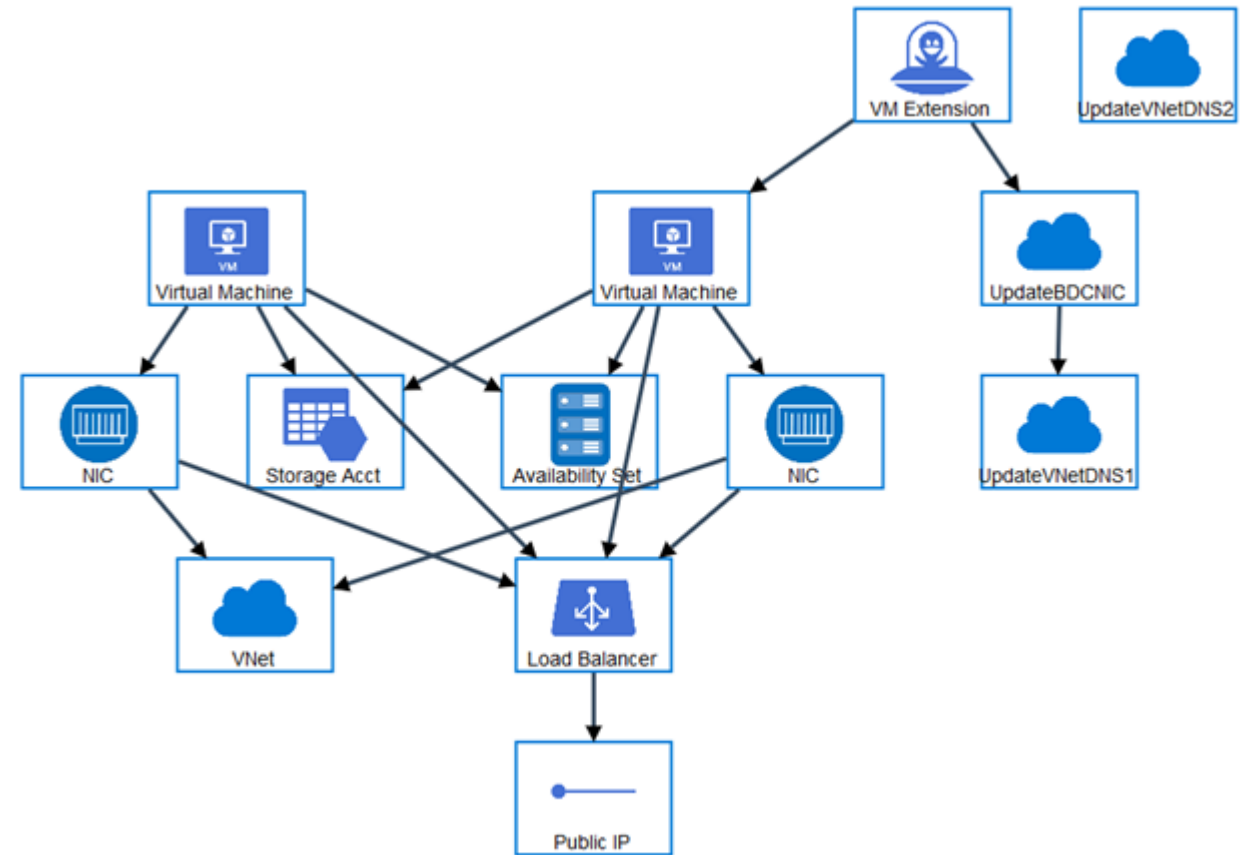


ARM Templates for VMs

Speaker: Ben Stegink

Azure Resource Manager allows you to provision your applications using a declarative template. In a single template, you can deploy multiple services along with their dependencies. You use the same template to repeatedly deploy your application during every stage of the application lifecycle.

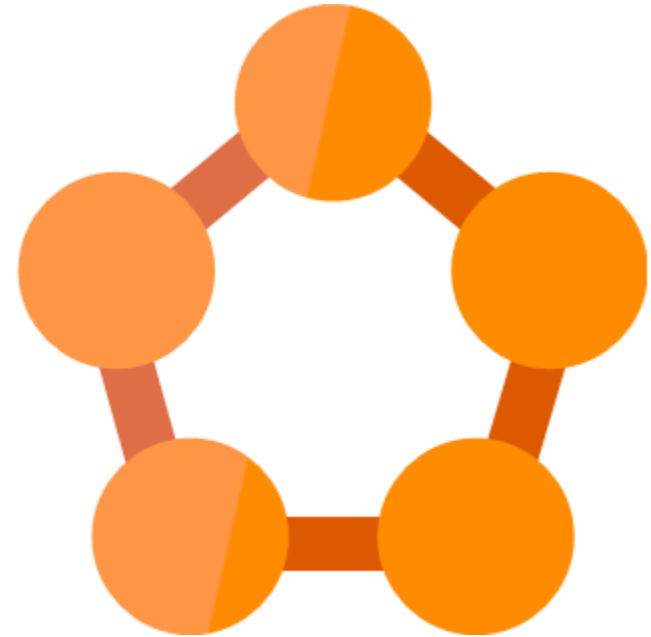
In this session, we'll learn what goes into a template and how to automate your deployments in a whole new way!



Service Fabric

Speaker: Vishal Saroopchand

Azure Service Fabric is a distributed systems platform that makes it easy to package, deploy, and manage scalable and reliable microservices. Service Fabric also addresses the significant challenges in developing and managing cloud applications.



NodeJS, Azure Functions & Serverless

Speaker: David Fekke

What does Serverless actually mean?

How does Azure Functions compare to AWS Lambda, IBM OpenWhisk and Google Cloud Functions?

In this session you'll find out how you can architect your cloud based applications using a Serverless framework and find out about the differences between more traditional VM based solutions and Serverless solutions, as well as the advantages and disadvantages of both approaches.





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Overview

Xamarin for Visual Studio Enterprise



Science Lab

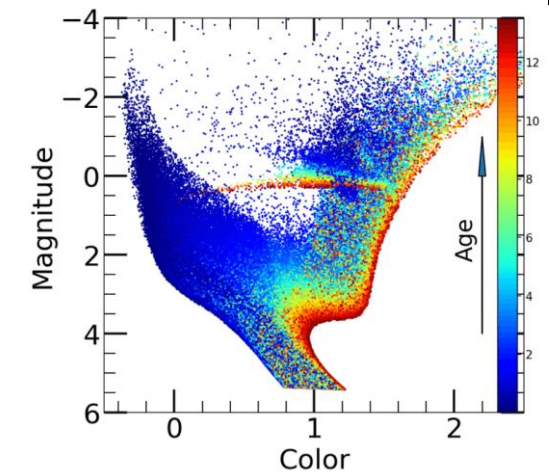
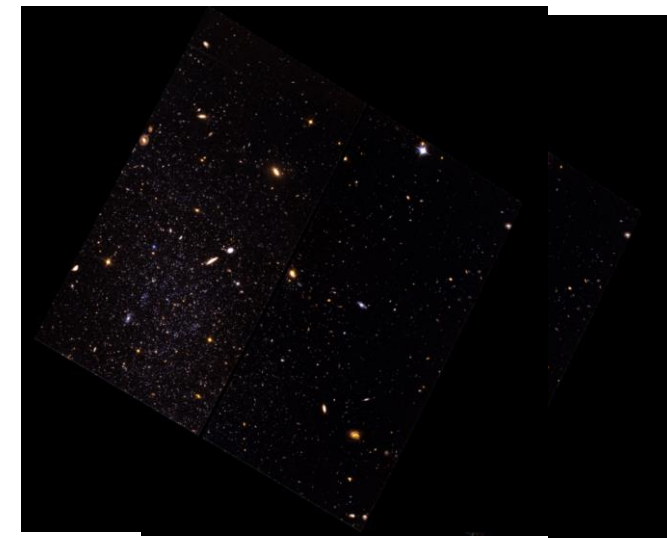
The Secret Life of Galaxies

In previous years we have tried to bring you a science lab that is both interesting and represents great research. This year is no exception, this year we bring you the stars themselves!

The Science Lab takes a look at Star Formation History (SFH) to see how many stars of a specific metallicity are formed in a galaxy during its lifetime. Traditional approaches are affected by uncertainties associated with observations or the limited accuracy of models when running computer code, making it difficult to accurately calculate the age of stars within a galaxy.

To overcome this, we need to correct for these effects to obtain the “true” SFH. The objective of the Seliga (SEcret LIfe of GALaxies) algorithm, developed by Sebastian L. Hidalgo from the Instituto de Astrofísica de Canarias (IAC), is to limit the impact of all these effects so we can compare the predictions of the models more directly with the observations. This task needs a huge number of tests that can be performed successfully only by using distributed computing, like the one you will deploy in the Global Azure Bootcamp Science Lab.

By taking part in the Science Lab, you will be helping to contribute to the body of knowledge in this important field that allows researchers to understand the very beginnings of the universe itself. We hope you choose to deploy the packages that will run the Seliga algorithm, and deliver real results to the researchers.

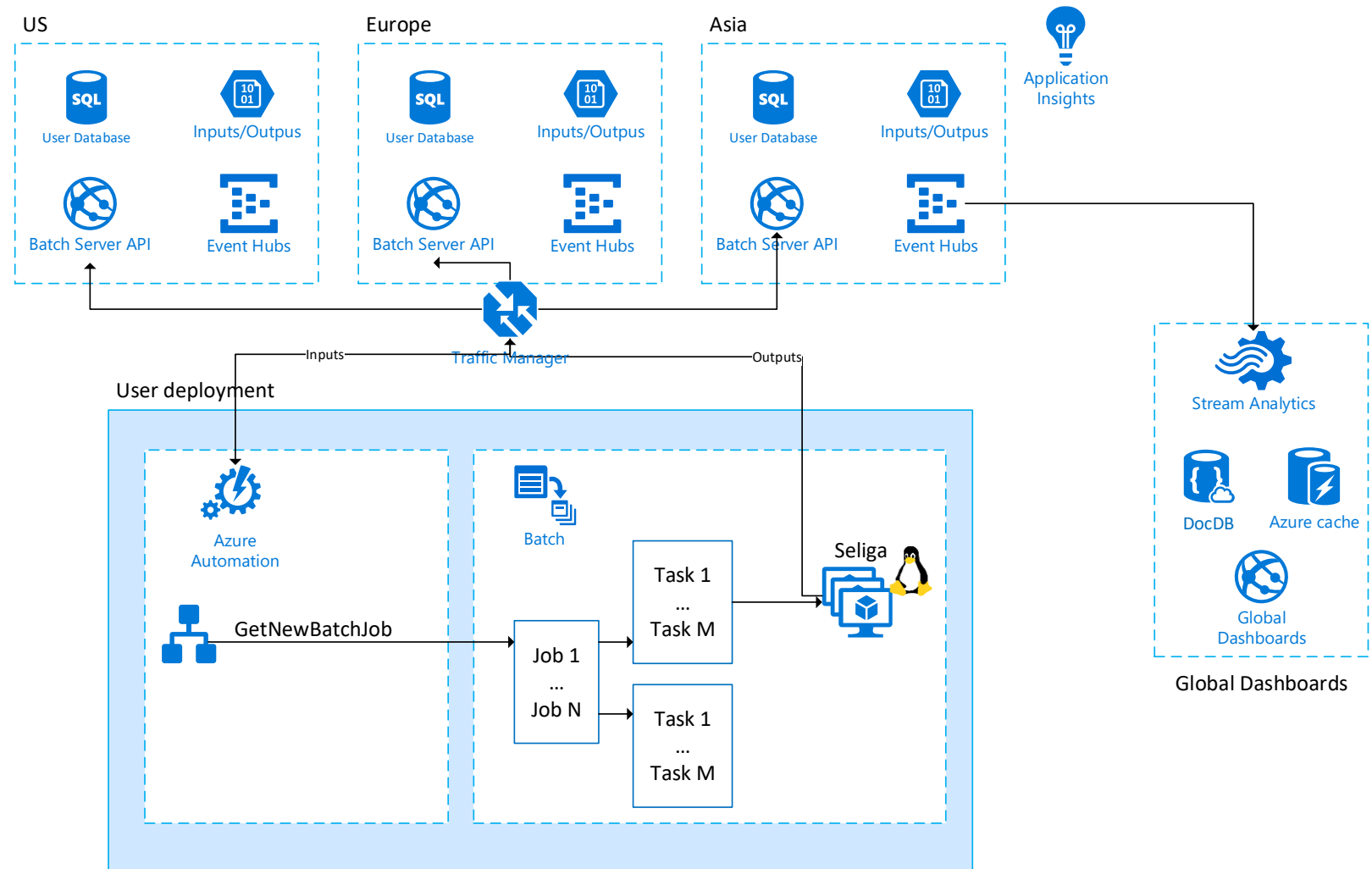


Science Lab Architecture

To show the power of Azure in the Global Azure Bootcamp Science Lab this year we have created a solution that maximises the use of Azure resources whilst providing the research team with large volumes of computing power.

The Seliga algorithm runs in an Azure Batch process that YOU deploy and scale as you want.

For extra fun, there is a dashboard showing global scores so you can compete against your friends or other people around the world.



Global Azure Bootcamp 2017 Science Lab

About: <http://bit.ly/gablab2017about>

Instructions: <http://bit.ly/gablab2017run>

Dashboard: <http://gablab2017.azurewebsites.net>

Lab Key

XGP-KZN-CKT

#jaxcloud

@jaxcloudug



<http://jaxug.cloud>

<https://jaxcloudug.azurewebsites.net>