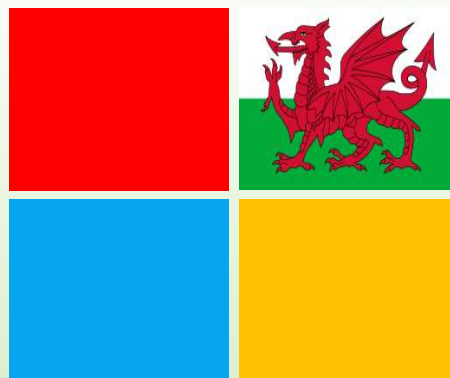


Welsh Azure User Group -Virtual Meet Up-

12th November 2020



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THE MEETING WILL BEGIN SHORTLY



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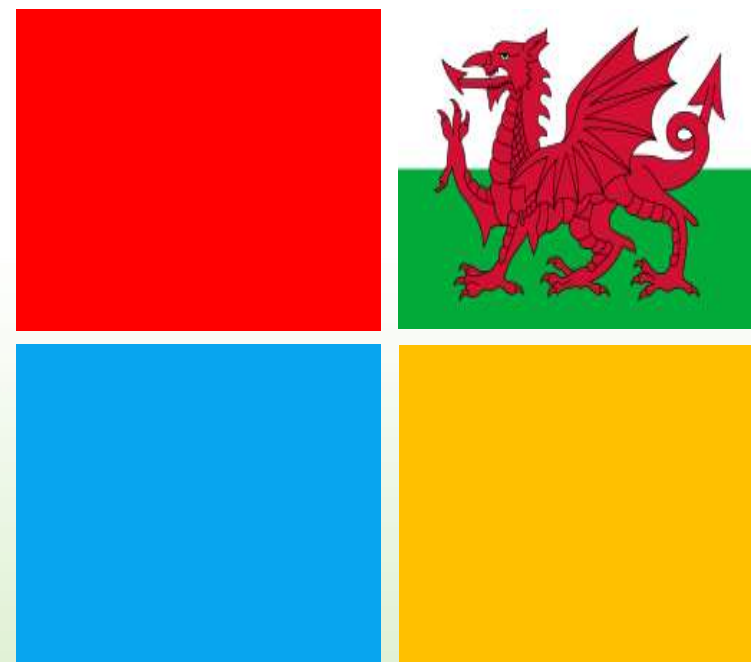
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HOUSE KEEPING

- Be Courteous to each other.
- No question is a silly question.
- Please stay on mute unless invited to speak.
- Feel free to ask questions in the chat window or when a presenter specifically asks.
- Enjoy (Install Kahoot App!)

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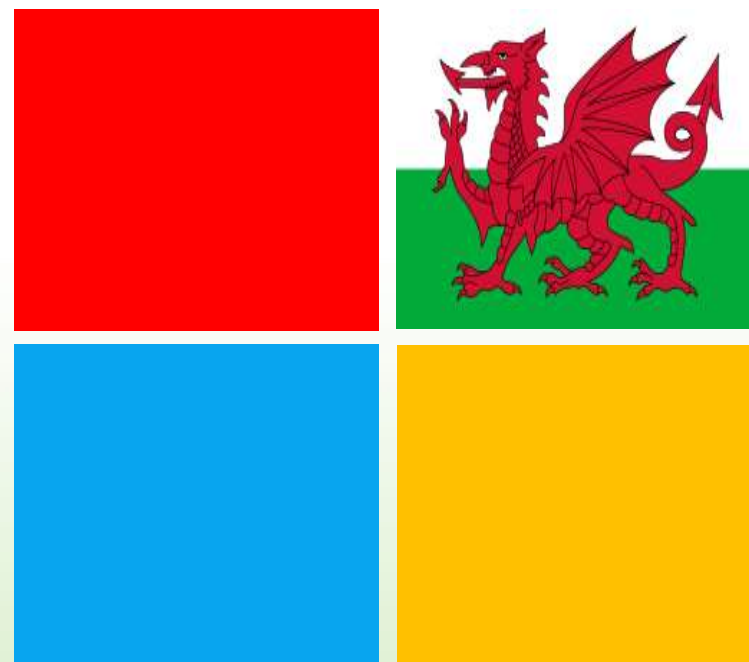
YOUR WAUG HOSTS

- Confused.com - Richard Griffiths
- BT Enterprise – John Lunn
- Clear Bank – Abul Khair
- IPO - George Wachira

Supported by:

- Microsoft – Anna McNally
- Microsoft – Matt Fortunka
- Microsoft – Ahmed Laajam

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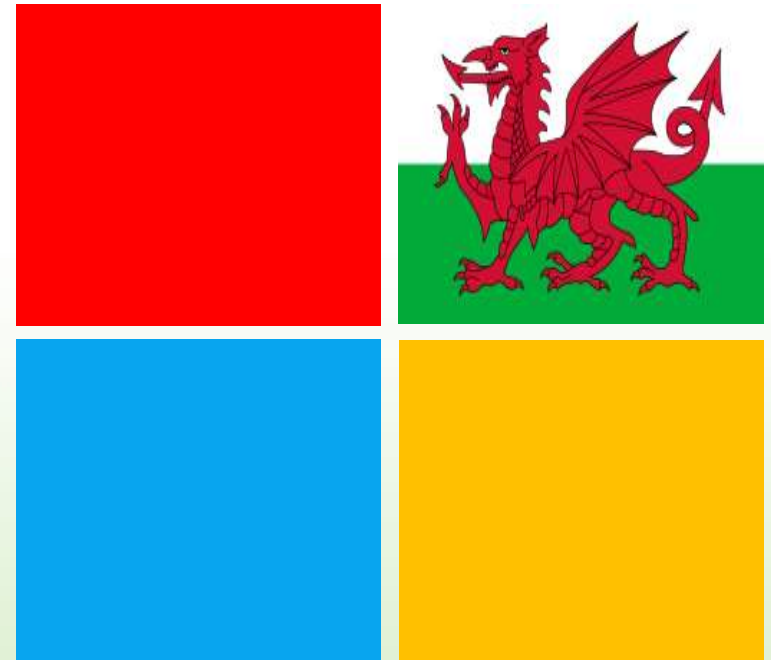
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Links

<https://Aka.ms/azurefamily> – Global Azure User Groups

<https://t.co/tf4B8tCMXD?amp=1> - Windows Virtual Desktop (WVD) Administrator Certification Blueprint Survey



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Modern Enterprise Acceleration



Microsoft
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Microsoft

Gold Cloud Platform
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Silver Security
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WHO WE ARE

ABOUT SERVENT



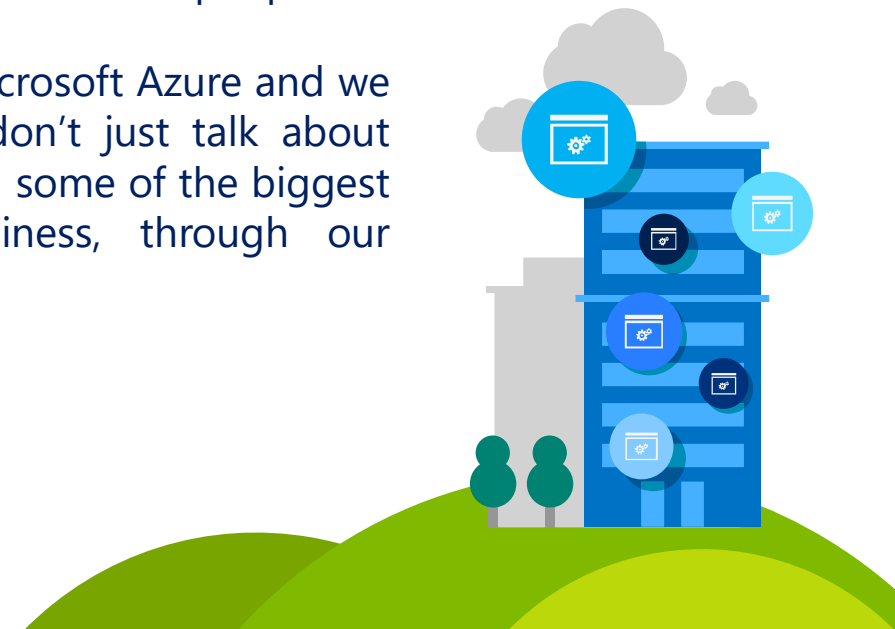
**22 Montrose Street
Glasgow
G1 1RE**

www.servent.co.uk

Servent are one of the top UK Microsoft Azure partners and sit within the top Microsoft partners in the UK, based on the amount of Azure revenue we drive for Microsoft, and our customer references.

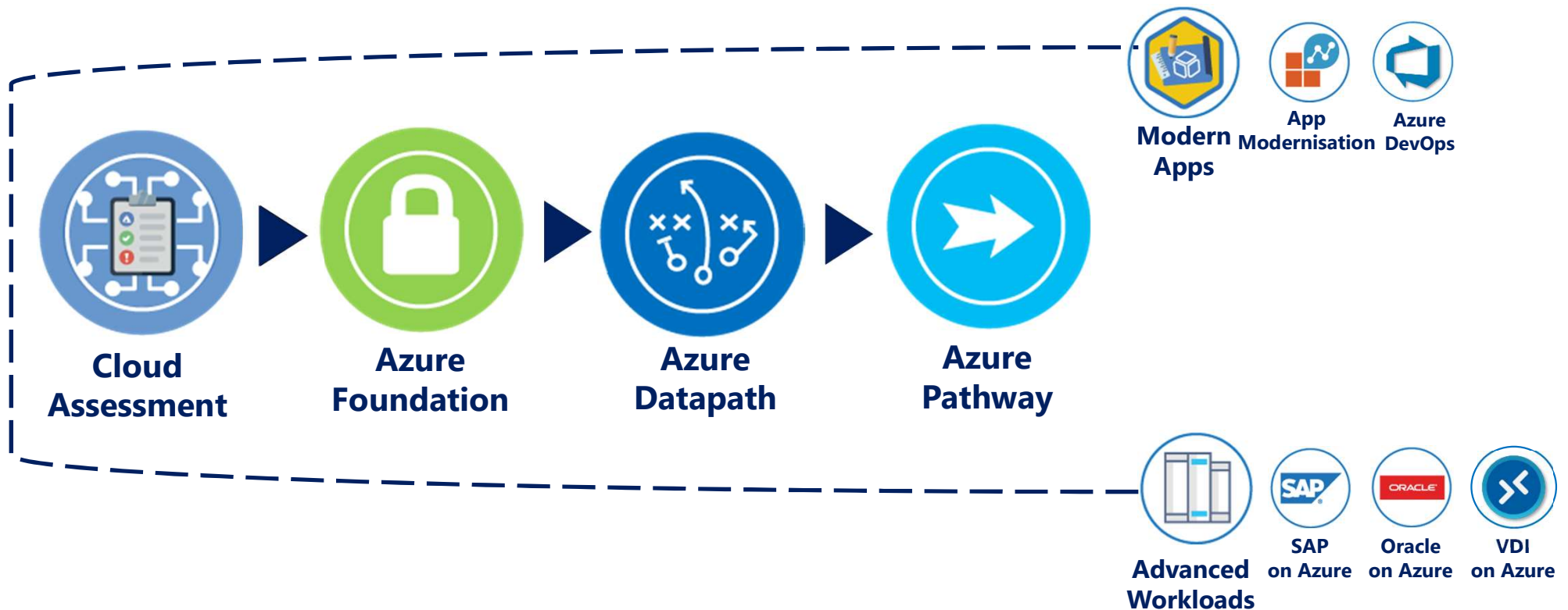
We have been working with the Microsoft Azure platform since 2010, so we understand it more than most people.

That's why our business is built on Microsoft Azure and we live and breathe it every day. We don't just talk about Microsoft Cloud, we deliver it, helping some of the biggest enterprises cloud-power their business, through our Journey to a Modern Enterprise.

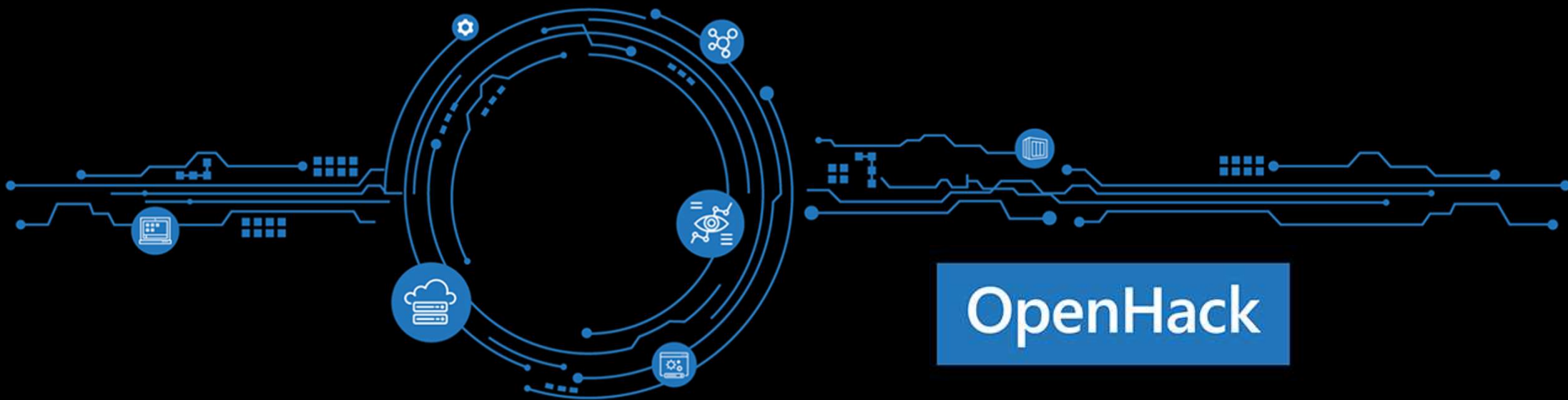


JOURNEY TO A MODERN ENTERPRISE

Our journey to a modern enterprise is our proven process driven approach to moving customers to Microsoft Azure. Its is made up of the following individual offerings, built from many years of experience moving customers to the cloud.







Check out our up and coming OpenHacks [here](https://openhack.microsoft.com)
openhack.microsoft.com



#MSOpenHack



What is OpenHack?

 **Microsoft** +  Customers/Partners

- Challenge Based: increasing difficulty
- Team Based: work together and communicate
- Immersive: real-world scenario
- Feedback: improve product offerings through a direct feedback loop with Engineering and Documentation

Agenda

Timeslot (BST)	Monday	Tuesday	Wednesday
9:00 – 9:15AM	OpenHack Day 1 Kick off	OpenHack Day 2 Kick off	OpenHack Day 3 Kick off
9:15 – 10:00AM		Guest Speaker	Guest Speaker
10:00 – 12:00PM	Team Hacking from 10.00am	Team Hacking from 10.00am	Team Hacking from 10.00am
12:00 – 1:00PM	Lunch Break		
1:00 – 4:30PM	Team Hacking until 5.30pm	Team Hacking until 5.30pm	Team Hacking until 5pm
4.30 – 5.00PM			Closing remarks
5:00 – 5:30PM			
5:30 – 6:00PM	End of Day 1	End of Day 2	End of OpenHack

A very Merry DevOps!



- 10th December 2020 -
- Starting @ 6.30pm -

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Abel Wang

Senior Cloud Developer Advocate

@abelsquidhead



April Edwards

Senior Software Engineer & Azure Advocate

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AGENDA

6.30pm - Welcome and Intro

6.45pm - **Admiral BCP and the part WVD played**
(Paul Connah & Richard Lawson – Admiral Group)

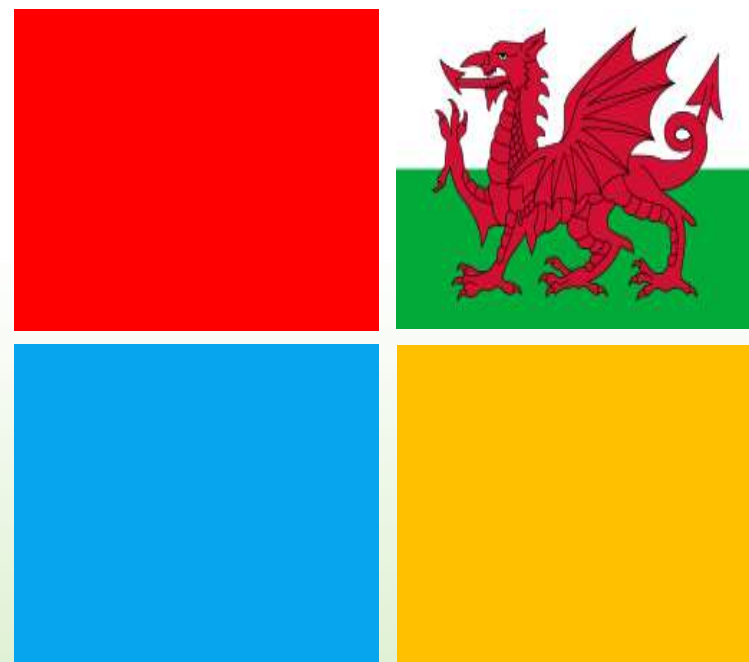
7.30pm – **Azure Logic Apps**
Integration as a Service and beyond
(Dave Phelps & Matt Fortunka - Microsoft)

8.15pm - Kahoot Quiz (2 x £50 Amazon voucher Prizes!)

8.30pm – Close (Please don't forget the feedback!)



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How Azure helped with Admiral's COVID-19 response

November 2020



How COVID-19 impacted Admiral's Operation

- March 16th 2020 – Matt Hancock, health and social care secretary tells the House of Commons that “unnecessary social contact” should be avoided.
- March 23rd 2020 – Prime Minister Boris Johnson tells people they must stay at home and requires some businesses to close

In the lead up to the crisis Admiral needed to change the way its employees worked...

“Everybody needs to work from home”

March 20th

~200 agents working from home

300 VPN users

Office-based workforce

UK workforce using PCs in the office

March 23rd

>7000 employees needing to work from home

Home-based workforce

Workforce can't access their PCs

What have we got and how can it support more people?

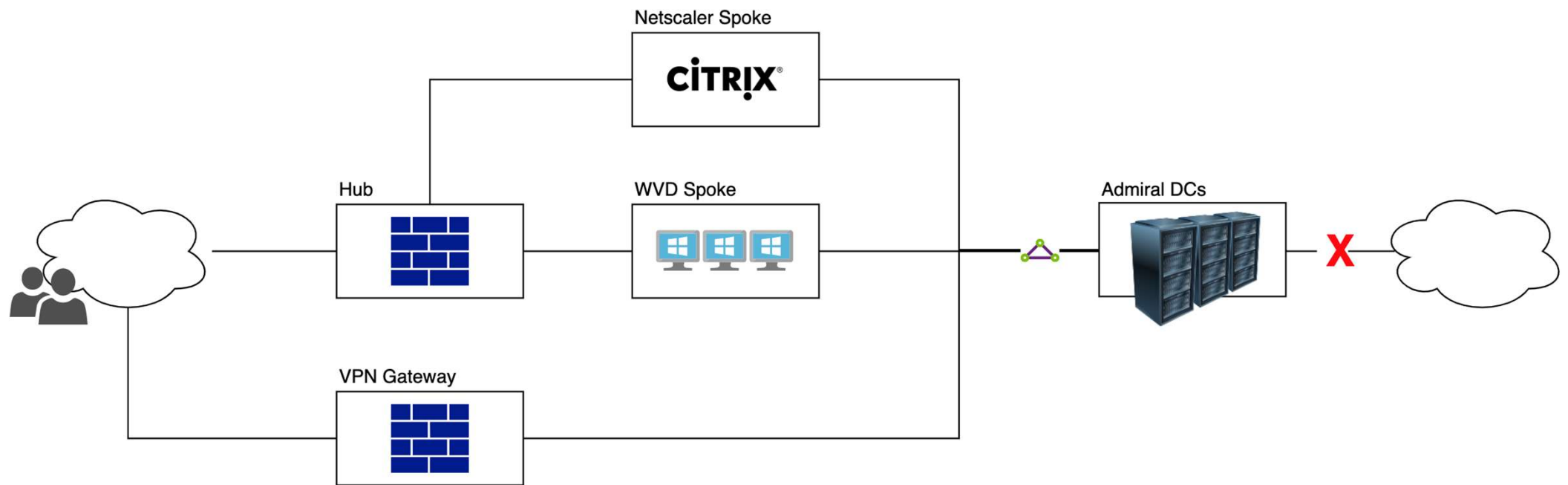
- Remote access gateways
 - Capable of supporting ~500 users
 - VPN Gateway – limited by licenses, internet bandwidth, and firewall capacity
- Virtual Desktops
 - Capable of supporting ~1400 users
 - VDI (desktops on servers) – limited by compute (number of servers)
 - VDA (direct desktop connection) – not robust
- Microsoft Azure resources
 - "Unlimited" resources
 - No existing remote access infrastructure deployed
- Cloud resources
 - 100Mbps – capable of 10Gbps - connection to Cardiff and Swansea datacentres
 - Network and infrastructure code

Off we go!

Split into two delivery teams:

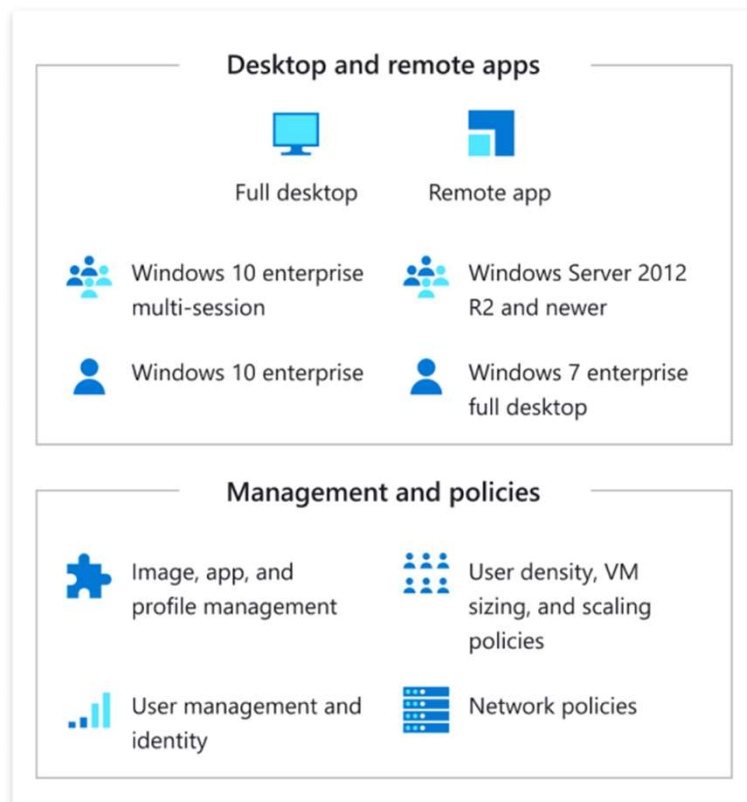
- Stream 1 - Ship laptops and configure for VPN access
 - Add server capacity to Citrix estate
 - Add Swivel and Citrix licenses
 - Buy a lot of laptops!
- Stream 2 – Access through cloud
 - 2A – Azure Windows Virtual Desktop
 - 2C – Citrix Netscaler Gateways

Quickly delivering cloud solutions for BCP

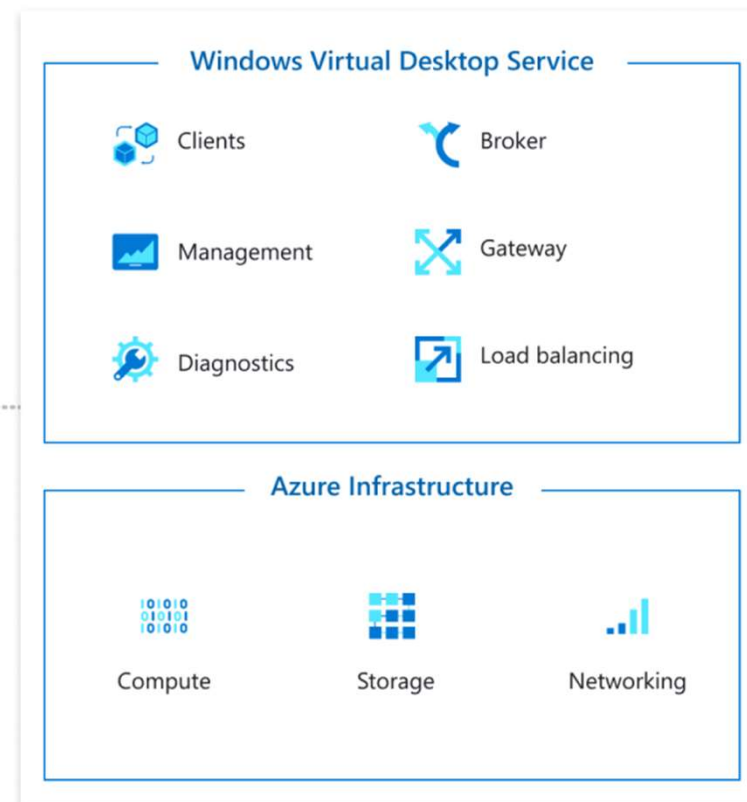


Windows Virtual Desktop

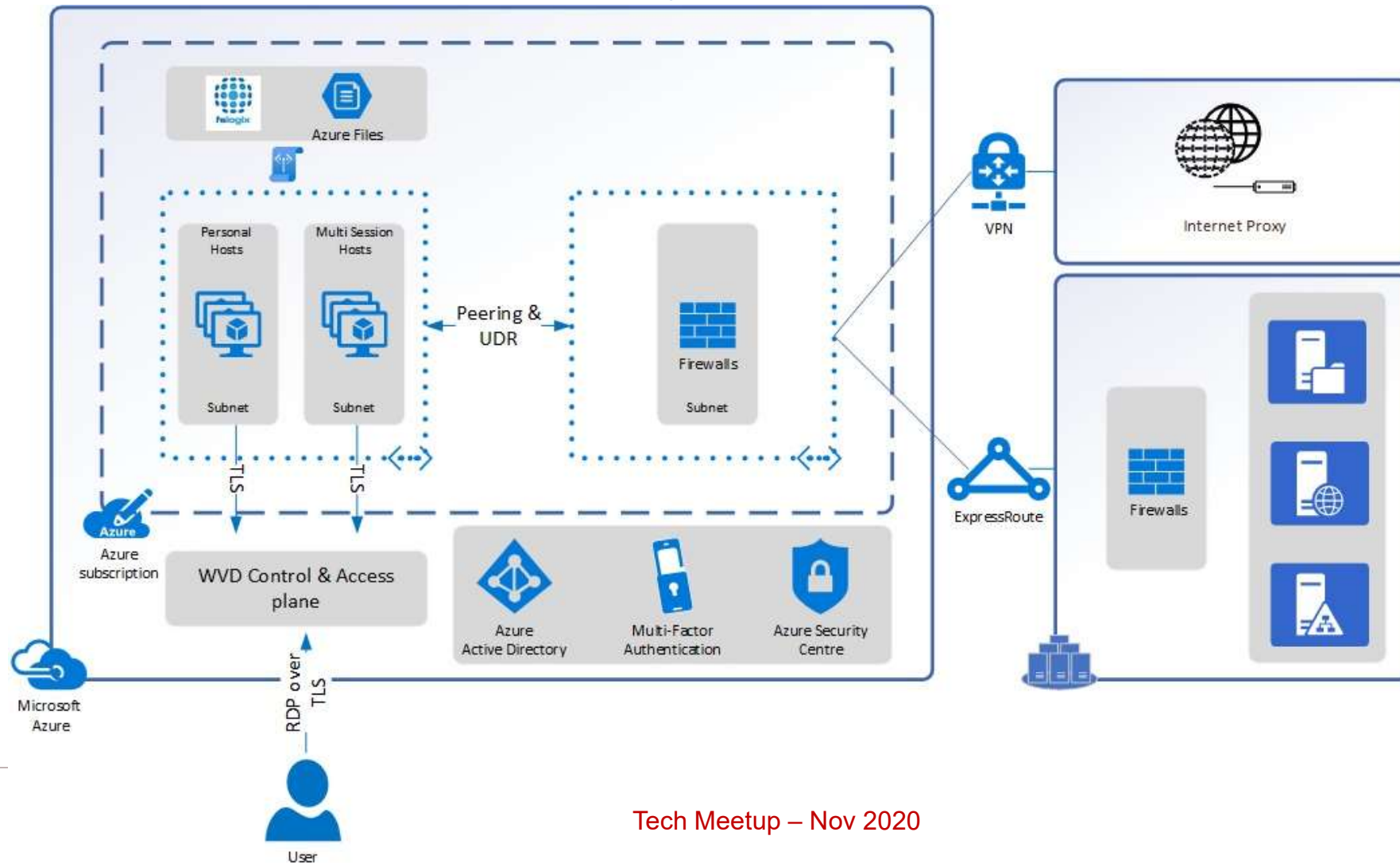
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Windows Virtual Desktop Architecture



Windows Virtual Desktop

- Configuring the platform
- Image management
- Networking and connectivity

Windows Virtual Desktop - Demo



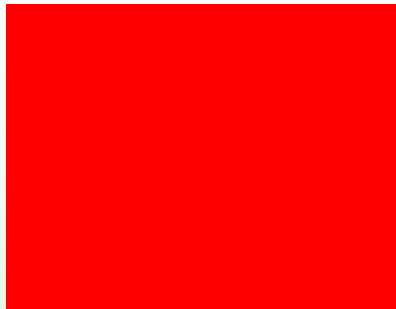
WVD – Admiral's experience

- Quickly up and running
- Easy to access from anywhere on any device
- Optimised Teams
- Changes to multi-use machines reduced cost and provided scaling opportunities
- Management improvements through Spring release
- Required a lot of firewall rules
- Not optimized for audio and video
- Constraints on Azure resources

Thank you

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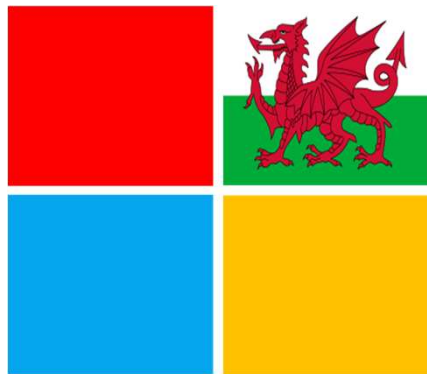


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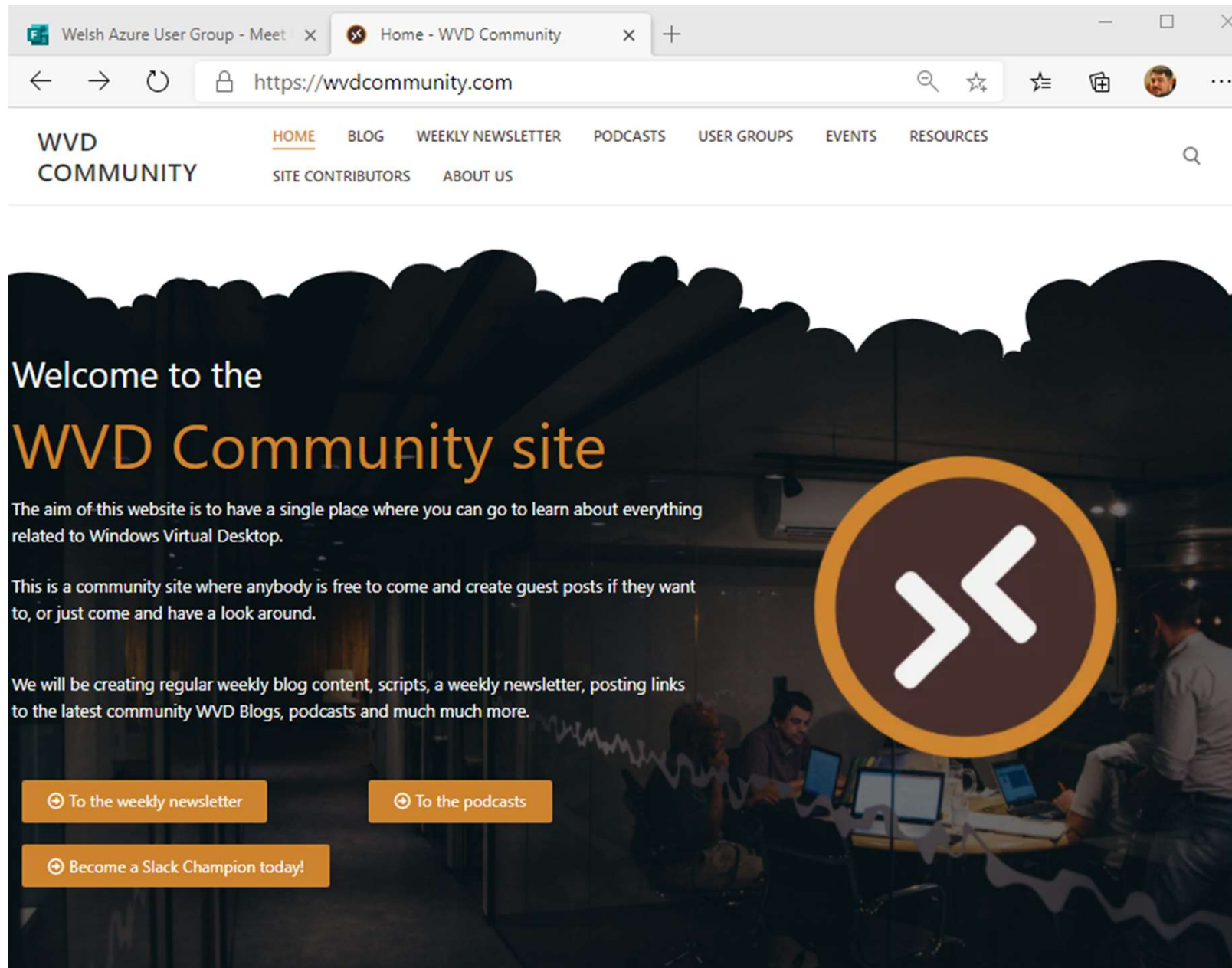
**Demo not
recorded to
Protect Admirals
Privacy**

Welsh Azure User Group

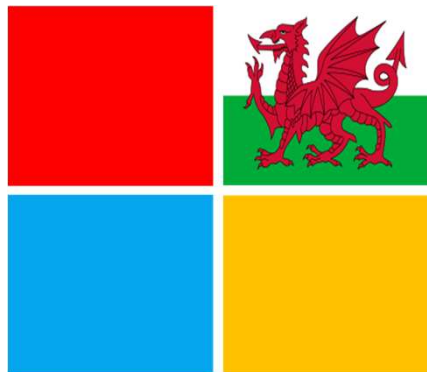
wvdcommunity.com



 @welshazure

A screenshot of a web browser displaying the homepage of the WVD Community website. The browser's address bar shows the URL 'https://wvdcommunity.com'. The website's navigation menu includes links for HOME, BLOG, WEEKLY NEWSLETTER, PODCASTS, USER GROUPS, EVENTS, and RESOURCES. Below the navigation menu, the main heading reads 'Welcome to the WVD Community site'. The text below the heading states: 'The aim of this website is to have a single place where you can go to learn about everything related to Windows Virtual Desktop. This is a community site where anybody is free to come and create guest posts if they want to, or just come and have a look around. We will be creating regular weekly blog content, scripts, a weekly newsletter, posting links to the latest community WVD Blogs, podcasts and much much more.' There are three orange buttons with white text and circular icons: 'To the weekly newsletter', 'To the podcasts', and 'Become a Slack Champion today!'. A large, stylized circular logo with a white double arrow is overlaid on the right side of the page. The background of the page features a dark, silhouetted image of people working at computers in a modern office setting.

wvdcommunity.com



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WVD COMMUNITY

HOME BLOG WEEKLY NEWSLETTER PODCASTS USER GROUPS EVENTS RESOURCES

SITE CONTRIBUTORS ABOUT US



Blogs	Name	Twitter
https://christiaanbrinkhoff.com/	Christian Brinkhoff	https://twitter.com/Brinkhoff_C
https://www.basvankaam.com/	Bas van Kaam	https://twitter.com/BasvanKaam
https://blog.itprocloud.de/	Marcel Meurer	https://twitter.com/MarcelMeurer
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https://www.windowvirtualdesktop.blog/	Michael Roth	https://twitter.com/michelroth
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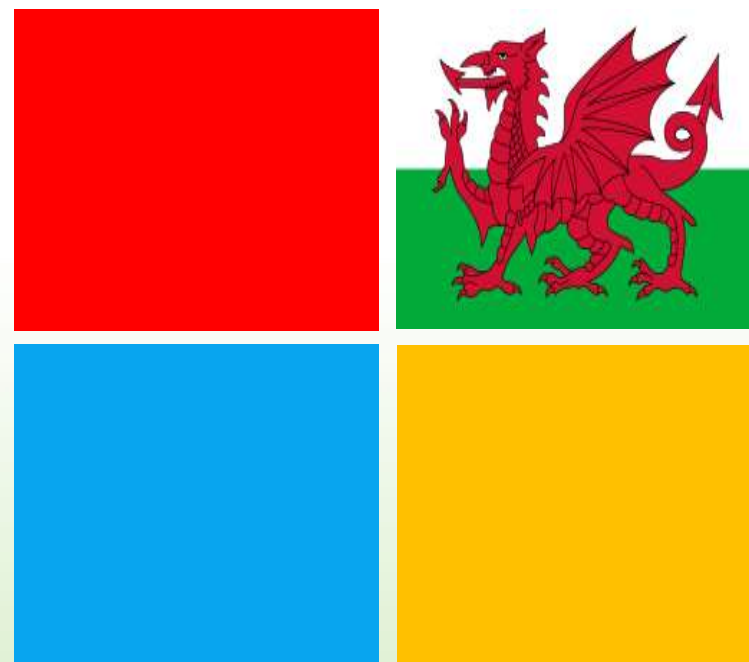
12th November 2020

We will be back in:

A large, white, bold digital clock display showing "10:00" with a black outline, set against a colorful, abstract, pixelated background of yellow, orange, and green.

Go grab a cuppa ☺

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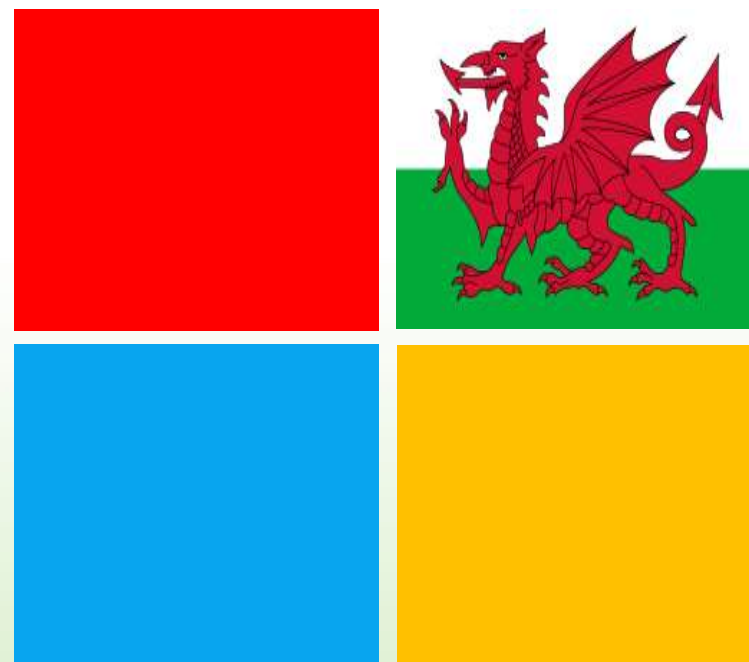
12th November 2020
We will be back in:

A large, white, bold digital clock display showing "5:00" with a black outline, set against a background of colorful, abstract, pixelated geometric shapes in shades of yellow, orange, and green.

5:00

Go grab a cuppa ☺

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A very Merry DevOps!



- 10th December 2020 -
- Starting @ 6.30pm -

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12th November 2020

THANK YOU FOR ATTENDING

Please help us grow the community!

Save the Dates for the Next Meet Up's

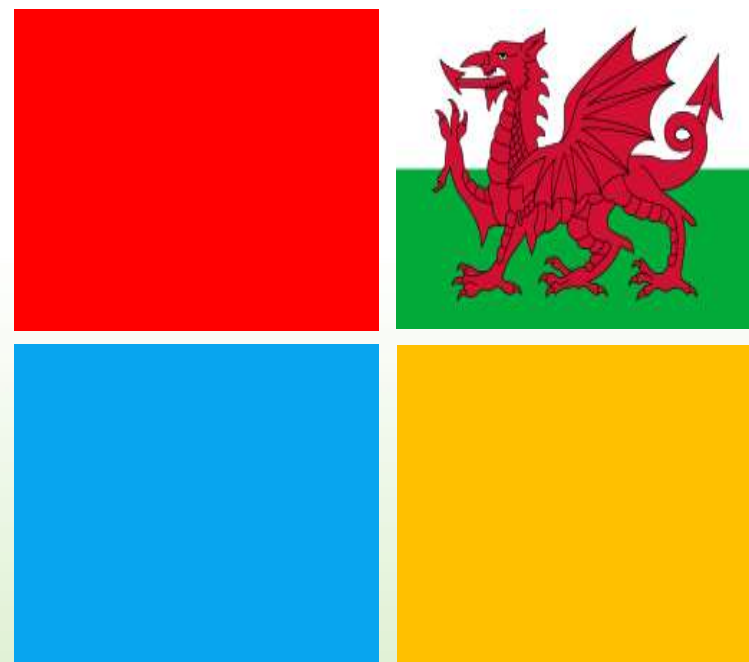
10th December 2020 – 6.30pm – 8.30pm

14th January 2021 - 6.30pm-8.30pm

Please complete our
feedback form chance to win:
<https://cutt.ly/waug-feedback>



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