Microsoft Tech Community - July 24 2020 Weekly Roundup

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Product News

AVAILABLE NOW

Azure Marketplace new offers – Volume 78

We continue to expand the Azure Marketplace ecosystem. For this volume, 56 new offers successfully met the onboarding criteria and went live. See details of the new offers below

Enable user-friendly sign-in to Azure AD with email as an alternate login ID

Today we're announcing the public preview of the ability to sign-in to Azure AD with email in addition to UPN (UserPrincipalName). In organizations where email and UPN are not the same, it can be confusing for users when they can't use their familiar email address to sign-in. With this preview capability, you can enable your users to sign in with either their UPN or their email address, helping them avoid this confusion.

Announcing general availability of the new version of Microsoft Secure Score

Earlier this year we blogged about the latest public preview of Microsoft Secure Score and today we're pleased to announce that we've completed our global roll out making it generally available to all of our customers.

Johnson Controls makes working from home easier and more secure with Azure AD and Zscaler ZPA

When it comes to remote work, the employee experience and security are equally important. Individuals need convenient access to apps to remain productive. Companies need to protect the organization from adversaries that target remote workers. Getting the balance right can be tricky, especially for entities that run hybrid environments.

SHA-2 signing enforcement on Windows 7 and Windows Server 2008 R2

Microsoft Defender ATP running on Windows 7 and Windows Server 2008R2 is moving to exclusively use SHA-2 signing, which will help drive greater security for our customers.

[The Standards at Work Behind the Microsoft Enterprise SSO plug-in for Apple devices](#)

Shared devices for Firstline Workers present an interesting challenge for companies. How do workers seamlessly and securely access multiple apps and services on a device designed for a single user? Ideally, when a Firstline Worker starts their shift, they should simply grab any available device from the pool, sign in with their work credentials, and seamlessly access work resources across mobile apps and browser sessions on the device. The idea sounds great – but how can identity administrators support this kind of authentication pattern?

[Announcing Machine Learning on Azure SQL Managed Instance Limited Preview!](#)

Machine Learning Services is a feature of Azure SQL Managed Instance limited preview that provides in-database machine learning, supporting both Python and R scripts. The feature includes Microsoft Python and R packages for high-performance predictive analytics and machine learning. The relational data can be used in scripts through stored procedures, T-SQL script containing Python or R statements, or Python or R code containing T-SQL.

[Announcing high value asset tagging in Microsoft Defender ATP](#)

When attackers enter your network, they don't treat all your assets equally. Some are more valuable than others. Assets such as domain controllers, internet facing machines, executive's devices, and machines that host internal and external production services are attractive to bad actors – offering them access to sensitive corporate data, or ways to move further laterally across the organization.

[Azure Lab Services Enable remote hands-on learning – story from DeVry University](#)

[Azure Lab Services](#) allow you to Invite users to access lab resources right away. When they sign in, they'll see a full list of VMs they can access across multiple labs. With one click they can connect and start working—no Azure subscription needed.

[Accelerate innovation with turnkey HPC on Azure Marketplace](#)

High-performance computing (HPC) can be expensive and complex to set up and use efficiently. Traditionally, HPC has been restricted to academia, research institutes, and enterprises with the capacity to operate large datacenters. Furthermore, it has always been a challenge to deliver optimized HPC systems with complex workflows involving different applications in a user-friendly and accessible environment. Dev Subramanian, CTO at Drizti Inc., elaborates on the challenges and describes how the Toronto startup aims to democratize HPC with Microsoft Azure

[Excel for the Web](#)

This post is an overview of our investment strategy with the web version of Excel. As I explained last quarter, one of the Excel team's [key goals from FY20](#) was that "*Customers can use our web*

app for all their work and should never feel they need to fall back to the rich client". By *"rich client"* I mean the Windows and Mac native desktop apps.

Introducing Azure CLI v2.9 with improved performance and user experience

In the past few months, the CLI team has been working diligently to improve the in-tool user experience (UX) for you. We listened to your feedback and designed the features so that they could be useful and applicable the moment you start interacting with the tool.

Azure Data Factory Managed Virtual Network

Azure Data Factory announces the immediate public availability of **Azure Data Factory Managed Virtual Network** as public preview! With this new feature, you can provision the Azure Integration Runtime in Managed Virtual Network and leverage Private Endpoints to securely connect to supported data stores.

Microsoft Inspire: Multi-tenant management in the Microsoft 365 admin center

Microsoft Inspire is the annual event where Microsoft joins the global partner community from over 130 countries. It's also a chance to recognize the many achievements of our partners. To learn more about these outstanding achievements, check out the winners of our Microsoft 2020 Partner of the Year awards.

The New Employee Onboarding hub – Improving the new hire experience

Planning, implementing, and managing an onboarding experience for new employees is time consuming and challenging. For organizations, its difficult to efficiently onboard new employees into the complexity of an organization's structure, people, processes, and culture. Only 12% of employees strongly agree their organization does a great job of onboarding new employees.[1] For new employees, the onboarding experience is often exciting, but can also be stressful, overwhelming, and inconsistent. Based on research, new employees who have a negative onboarding experience are twice as likely to look for new opportunities within the first six months of starting their new job. [2]

New Meeting intelligence in Insights pane in Outlook

Last year, we launched a meeting preparation insight in the Insights Outlook Add-in to help organizers prepare for meetings they have set up. Based on customer feedback, we have added insights for meetings you are invited to as well as added additional features for you as a meeting organizer.

New Surface Hub OS update released for public preview

Microsoft Surface Hub is an all-in-one digital whiteboard, meetings platform, and collaborative computing device powered by Windows 10. We are excited to share that the latest version of the Surface Hub operating system, Windows 10 Team 2020 Update, is now available for preview through the Windows Insider Program.

MSIX Packaging Tool July 2020 Release is now available!

We are happy to announce that the July 2020 release (**1.2020.709.0**) of the MSIX Packaging Tool is now available!

 You may have seen the recent announcement of new meeting features in Teams in [Reimagining virtual collaboration for the future of work and learning](#) (if not, check it out!). Today, we're pleased to share that we're making several of these features available to most users of Teams over the next few days.

SolarWinds announces collaboration with Microsoft to enhance monitoring and management for MSPs

[SolarWinds](#), a leading provider of powerful and affordable IT management software, [today announced](#) collaboration with Microsoft to integrate Microsoft 365 capabilities with their remote monitoring and management tools - SolarWinds N-central and SolarWinds RMM. This will deliver monitoring of devices managed by Microsoft Intune from within the N-central and RMM dashboards, enabling a single device view, extensive management features, and impactful reporting.

Learn more about knowledge and insights with Project Cortex at Microsoft Inspire 2020

Our product team has been tightly focused on delivering a top-notch experience that aligns to customer expectations. One of our healthcare preview customers is eager to bring Project Cortex into production across their organization.

New transactable offers from Confluent, NextGate, and CBX Software in Azure Marketplace

Microsoft partners like Confluent, NextGate, and CBX Software deliver transact-capable offers, which allow you to purchase directly from Azure Marketplace. Learn about these offers below:

End of mainstream support for Advanced Threat Analytics January 2021

A single compromised user or malicious insider can compromise an entire organization – which is why we're always looking for the best way to protect identity environments.

COMING SOON

Azure Data Explorer Free Course

It's long enough to give you everything you need to know about Azure Data Explorer (ADX), but broken up into bite-sized modules so you can do it at your own pace. Pick and choose your favorite topics and come back to specific topics as many times as you want. Each module is a standalone subject with an explanation, demonstration, and example for you to try at home. Do one module to refresh your knowledge of a certain subject. Do them all, and you'll be an ADX master

Related Announcements

July 13th Back To School Event Re-cap School Data Sync (SDS)

Welcome to the day one recap for our Back To School Event focused on policy, security and class structure. For our first event, we had the opportunity to hear from Anat Eldar and Ben Welte who covered the latest on system analytics for administrators and setting your organization up for success to use school data sync.

Student innovators and inventors—start here!

There's so much that you can do to help. What are you motivated to solve, now more than ever? As members of the tech community, you're innovators and inventors. As students, you see the world from a fresh perspective. And the projects that we saw at this year's virtual Imagine Cup are proof that you're connected to your communities and ready to rise to the challenge of meeting their needs.

Growing Efforts Boost Biz Apps Women in Asia Pacific

Originally launched two years ago in Australia's largest city, The Sydney Microsoft Business Applications Women Meetup has since grown to more than 300 members across multiple locations. Inspired by these efforts, The ASEAN Microsoft BizApps UG Women in Tech event launched in June to further support women in the region.

Azure Media Services Github for 3rd party player framework samples

I'm happy to announce that our friends (and AMS ninjas) over at SOUTHWORKS recently completed a comprehensive suite of Azure Media Services interoperability tests for **Video.js** and **Shaka** player, two of the most popular alternatives to the Azure Media Player (AMP) for live and on-demand streaming of hosted video.

## Pivot fast and investigate freely with go hunt & other advanced hunting enhancements

Microsoft Threat Protection simplifies security operations center
(SOC) work by consolidating powerful security solutions protecting your devices, email and

docs, identities, and cloud apps. With [advanced hunting](#), you get an extremely flexible query-based tool designed for proactive exploration, investigation, and hunting across a comprehensive set of data, covering system information, regular event logs, and security alerts.

[Guest Blog] Express Yourself with Creative Coding!

The article was written by MVP [Marc Duiker](#) as part of the Humans of IT Guest Bloggers Series. Marc shares about what creative coding is, his own journey in infusing creativity in tech and how you can get started!

Handy Resources
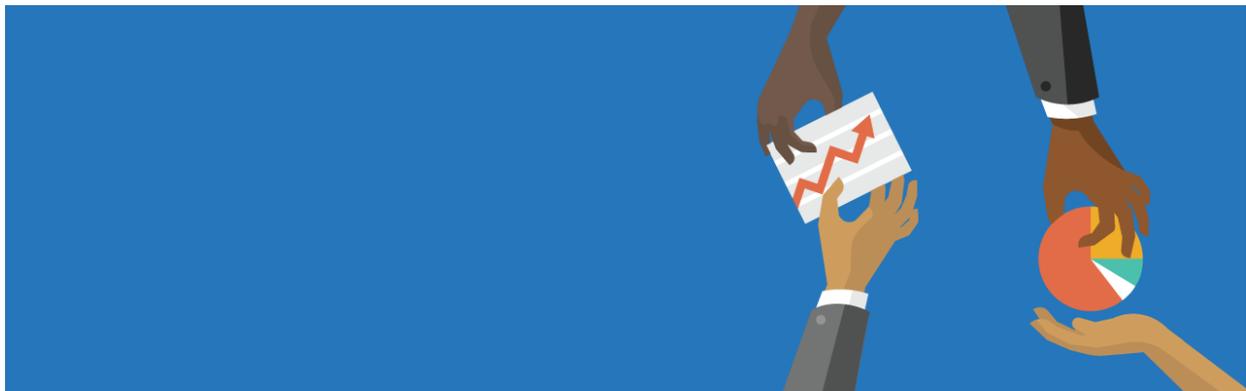
One Ops Question: What is Azure Sentinel?

In this episode of One Ops Question, [Dean Bryen](#) answers the question "What is Azure Sentinel?"

Microsoft Endpoint Manager: Create & Audit an ASR Policy

This is John Barbare and I am a Sr Premier Field Engineer at Microsoft focusing on all things in the Cybersecurity space. In this tutorial I will walk you through the steps of creating an Attack Surface Reduction (ASR) rule policy in Microsoft Endpoint Manager (MEM) for your Windows Operating Systems and how to view the detections once applied.

Creating a Custom Dashboard for Azure Security Center with Azure Resource Graph

While the Azure Security Center dashboard is extremely rich with detail information about different workloads, recommendations, and alerts, in some scenarios you may need to customize your dashboard to visualize only what is important for your daily activities.

Adopting a DevOps process in Azure API Management using Azure APIM DevOps Resource Kit

This post was inspired by [Azure/Azure-Api-Management-DevOps-Resource-Kit](#) and targets the How-To process vs the semantics of the problem and the proposed solution, which are very well

defined in the Resource Kit GitHub page as well as providing release builds and source code for the tools used throughout this guide.

Become a Microsoft Defender ATP Ninja

Do you want to become a ninja for Microsoft Defender ATP? We can help you get there! We collected content for two roles: "Security Operations (SecOps)" and "Security Administrator (SecAdmin)". The content is structured into three different knowledge levels, with multiple modules: Fundamentals, Intermediate, and Expert. Some topics can be relevant for SecOps as well as for SecAdmins and are listed for both roles. We will keep updating this training on a regular basis and highlight new resources.

Video Tutorial: Clients and Packages Behind the Scenes - Application Deployment Part 9

Hello everyone, here is part 9 of a series focusing on Application Deployment in Configuration Manager. This series is recorded by @Steve Rachui, a Microsoft principal premier field engineer. These tutorials are from our library and uses Configuration Manager 2012 in the demos, however the concepts are still relevant for Configuration Manager current branch.

AKSe on Azure Stack Hub PNU process

In our recently released **AKS Engine on Azure Stack Hub** pattern we've walked through the process of how to architect, design, and operate a highly available Kubernetes-based infrastructure on Azure Stack Hub.

PowerShell Basics: How to Delete Microsoft Teams Cache for All Users

Sometimes there is a need to delete Microsoft Teams cache to quicken the adoption of an in-band policy change or simply troubleshoot an issue. The challenge here is that the cache for Microsoft Teams is in multiple directories. This can be done manually but would result in a slow and tedious process. Again, we turn to PowerShell to automate this process and this time it's a *one-liner* that addresses this opportunity.

"Prefrontal Project Cortex" 🎙 The Intrazone

This Project Cortex update episode will feed your mind, automate the topics, and prepare you for how Project Cortex in Microsoft 365 will empower you with knowledge and expertise within the apps you use every day.

The Benefits of Advanced Threat Detection in Azure SQL Database | Data Exposed: MVP Edition

One of the major benefits of Azure SQL Database is that the Azure platform provides additional protection for your database against SQL Injection attacks and Data Exfiltration, amongst other threats. In this episode, MVP Joseph D'Antoni teaches you how to configure advanced threat detection and some of the protections it offers.

Using Azure Database Migration Service hybrid mode (Preview)- Online migration

Azure DMS Hybrid (Preview) is helpful when you want to migrate from On-Premise SQL server to Azure and don't have site-to-site connectivity between the both, also, if there is limited site-to-site connectivity bandwidth. Azure DMS Hybrid (Preview) uses a migration worker which is hosted On-Premise together with an instance of Azure DMS running in the cloud. You can use Azure Database Migration Service hybrid mode to migrate data from an on-premises instance of SQL Server to Azure SQL Database.

Microsoft FastTrack can help you implement intelligent compliance and risk management solutions

Technology is profoundly impacting our lives—from the way we connect with each other, to how we interpret our world. With that, we have seen an explosion in the amount of data created, accessed, and shared across businesses. Also, many companies are now facing compliance and risk management requirements due to industry or government mandates.

Teaching New Technology Skills with Microsoft Learn

Università Politecnica delle Marche has incorporated Microsoft Learn into their curriculum to educate students with new technology concepts and skills required to enter the job market.

IA Value | Packaging and templatizing SharePoint sites, content, and structure

Having a solid information architecture (IA) is an important prerequisite for realizing a well-maintained and well-performing intranet. Good IA helps people find what they need and accomplish the tasks they want to complete – in a way that makes sense to them. A great IA helps improve user adoption, satisfaction, and productivity, reduce IT cost, reduce information overload, and minimize governance compliance and bad information risk.

Manage Hyper-V VMs using PowerShell Direct

PowerShell Direct lets you remotely connect to a Virtual Machine running on a Hyper-V host, without any network connection inside the Virtual Machine. PowerShell Direct uses the Hyper-V VMBus to connect inside the Virtual Machine. This feature is convenient if you need it for automation and configuration for Virtual Machines or if you, for example, messed up network configuration inside the virtual machine, and you don't have console access.

Live Video Analytics with Microsoft Rocket for reducing edge compute costs

Microsoft Rocket, an open-source project from Microsoft Research, provides cascaded video pipelines that combined with Live Video Analytics from Azure Media Services, makes it easy and affordable for developers to build video analytics applications in their IoT solutions. Unprecedented advances in computer vision and machine learning have opened opportunities for video analytics applications that are of wide-spread interest to society, science, and business.

[How to store app secrets for your ASP .NET Core project](#)

Let's talk about app secrets and configuration and why we need a tool to manage it. There are a few reasons why this is something that needs to be managed and preferably by a tool.

[Video Tutorial: Clients and Applications Behind the Scenes - Application Deployment Part 10](#)

Hello everyone, here is part 10 of a series focusing on Application Deployment in Configuration Manager. This series is recorded by [@Steve Rachui](#), a Microsoft principal premier field engineer. These tutorials are from our library and uses Configuration Manager 2012 in the demos, however the concepts are still relevant for Configuration Manager current branch.

[Short & sweet educational videos on Microsoft Threat Protection](#)

Microsoft Threat Protection (MTP) is an integrated, cross-domain threat detection and response solution. It provides organizations with the ability to prevent, detect, investigate and remediate sophisticated cross-domain attacks within their Microsoft 365 environments.

[New keyboard shortcuts in Excel for iPad](#)

As more people start using Apple's iPad as one of their go-to computing devices, the Excel team is working to deliver a great experience on the Excel iPad app. One of the first steps towards this goal is to introduce new keyboard shortcuts to provide users a great authoring experience while using hardware keyboards.

[Advancing Privacy with Zero-Knowledge Proof Credentials](#)

Hi everyone - I'm excited to have Daniel Buchner discuss an initiative we've been working on (in partnership with Microsoft Research) to develop a new Zero-Knowledge Proof scheme that enhances user privacy and security for digital credential systems.

[9 Awesome Teams Updates for IT Admins and Back to School Deployment](#)

IT admins around the world are gearing up for the Back to School deployment season. Here are the latest product updates from the Office 365 Education Team to help you deploy [School Data Sync](#) and adopt Microsoft Teams for Remote Learning!

[Azure API Management Gateway in Azure Stack Hub](#)

As companies continue their cloud journey, they are more and more adopting a microservice architecture as part of their application modernization. In this blog post, we have Walter Oliver ([@walterov](#)) who is a Program Manager in the Azure Stack Hub team to explore how Azure API Management Gateway on Azure Stack Hub can help in the hybrid strategy for these services.

[Improve health, wellbeing, and productivity by tracking your home workspace CO2 levels](#)

How to build a healthier working environment by monitoring CO2, temperature, and humidity levels with an [Azure Sphere](#), an [SDC30 sensor](#), and [Azure IoT Central](#).

[Using Azure Lighthouse and Azure Monitor for SAP Solutions to view telemetry across Multiple Tenants](#)

Azure Monitor for SAP Solutions builds on native Azure capabilities like Log Analytics and Workbooks to meet the monitoring needs for the teams managing the SAP on Azure estate. The solution also allows for easy creation of custom visualisations and custom alerting, Azure Monitor for SAP Solutions ships with default Workbooks than can either be used out of the box or extended to meet your requirements.

[Explore and validate Windows 10 builds with Windows Insider Channels](#)

On June 15, 2020, Windows introduced [Windows Insider Channels](#), which change the way we release new builds to all Windows Insiders. We are converting our current **ring model**, based on the frequency of builds, to a new **channel model** that pivots on the *quality* of builds and will better support parallel coding efforts. The goal of this blog post is to provide clarity for existing and new Windows Insiders as you choose the channel experience that is right for you.

[Sync Up – a OneDrive podcast : Episode 11, "Introducing Add to OneDrive"](#)

Sync Up is your monthly podcast hosted by the OneDrive team taking you behind the scenes of OneDrive, shedding light on how OneDrive connects you to all your files in Microsoft 365 so you can share and work together from anywhere. You will hear from experts behind the design and development of OneDrive, as well as customers and Microsoft MVPs. Each episode will also give you news and announcements, special topics of discussion, and best practices for your OneDrive experience.

[How to manage Azure resources with the new PowerShell Invoke-AzRestMethod cmdlet](#)

`Invoke-AzRestMethod` is a new Azure PowerShell cmdlet. It allows you to make custom HTTP requests to the Azure Resource Management (ARM) endpoint using the Az context. This cmdlet is useful when you want to manage Azure services for features that aren't yet available in the Az PowerShell modules.

[Customer Offerings: Modern Workplace Threat Protection](#)

My name is John Barbare and I am a Sr Customer Engineer at Microsoft focusing on all things in the Cybersecurity space. Welcome to another customer offering article to inform you about the newest threats and what protective measures from Microsoft you can utilize. In this article, we will present Premier Services Offerings around Modern Workplace Threat Protection.

MVP BLOGS

[Guest Blog] Beating The Wave and Advancing In The Midst of a Pandemic: An African (Nigeria) Story

I once read a quote online, from Xerox, which stated that the digital disruption was remaking the modern enterprise. Today, a radical *rethinking of technology and processes* is helping fuel unprecedented innovation and growth for organizations bold enough to break with the past.

Microsoft Teams and on-premises mailboxes – You need Exchange Hybrid

Many companies would like to implement Microsoft Teams or already use Microsoft Teams. The personal calendar is an integral and vital part when using Microsoft Teams. If you're already using Microsoft 365 and all mailboxes are hosted in Exchange Online, the personal calendar is available in Microsoft Teams for your end-users. It simply works.

Interesting Perspectives

Set up Teams with work email.

ilaria censi Has an account and an email set up for Teams that is private. They would like to set up meeting and invite participant using my work account . If they try to add it, the system blocks them.

Excel calculating modus is not always correct AGGREGATE

Erwin Van Loo "Given are the values 37, 38, 38 ,39, 40, 40. The aggregate function AGGREGATE(13;3;VALUES) returns 38 But the with the function table undefined. We see that the values 38 AND 40 are 2 times in the given values, So the values 38 and 40 are the two Modi ..... for the given values ... And de aggregate gives only one of the two ... Why?"

Incorrect formulation

Niko Chatzoudis With this formula they can create a timeline as long as the working time is longer. If the working hours from 8:00 p.m. to 11:00 p.m. then everything is ok, shows how it

should display. If the working hours are from 10pm to 3am then it shows empty, how can they correct this error in their formula?

Upcoming Events

Webinar: What's new and upcoming in OneDrive?

We're excited to announce new OneDrive features for a more connected, flexible and secure files experience across Microsoft 365. Join us for a free webinar to learn about new and upcoming innovations in OneDrive like Add to OneDrive, Sync admin reports, File sharing in Teams, Information barriers and more.

Featured Space

Featured Space

Yammer

Connect and discuss the latest Yammer news, updates and best practices!

Member of the Week

Natalia Nemkovich

A member since February 2018, Natalia has been a fantastic contributor especially in the Yammer community.