Microsoft Tech Community - January 22nd 2021 Weekly Roundup

Table of Contents

- Product News
- Related Announcements
- Handy Resources
- Interesting Perspectives
- Upcoming Events
- Featured Groups
- Member of the Week
Product News

**CloudEvents for Azure EventGrid via Azure Functions**

Azure Functions provides the built-in binding extensions feature for Azure EventGrid, which makes event data easier to publish and consume.

**Log Analytics UI - New experience for Agents Configuration**

The Agents configuration previously under 'data' in Advanced settings is getting a new and improved UI.

**Deploy SAP AnyDB (Oracle 19c) with Azure NetApp Filesn**

Azure NetApp Filesn will show how you can install Oracle 19c on Azure for SAP Applications using Azure NetApp Files (ANF) as storage platform for data and log areas.

**What’s new: Dedicated clusters for Azure Sentinel**

This week we learned that if you ingest over 1Tb per day into your Azure Sentinel workspace and/or have multiple Azure Sentinel workspaces in your Azure enrolment, you may want to consider migrating to a dedicated cluster, a recent addition to the deployment options for Azure Sentinel.

**ADX Insights - Azure Monitor for Azure Data Explorer (preview)**

We are excited to announce the public preview of Azure Data Explorer Insights!

**New certification: Microsoft Power Platform Solution Architect Expert**

Do you have experience performing proactive and preventive work to increase the value of your customers’ investment? Are you able to identify opportunities to solve business problems?
**All you need to know about automatic email forwarding in Exchange Online**

It is important for administrators to know all mailboxes that have forwarding enabled and where the mail is been forwarded to. We have various insights and alerts that help administrators monitor such activities, but prevention is always better than the cure.

**How to use tagging effectively (Part 3)**

Microsoft Defender for Endpoint APIs allow you to do many things through scripting to both query and change elements within your Microsoft Defender for Endpoint instance. As part of this blog on tagging we wanted cover how you can use scripting to apply tags to machines directly using an API.

**Lesson Learned #156: Creating a Linked Server connecting to Read-Scale Managed Instance Replica**

Today's lesson is how to run a query against the read-scale replica using SQL Server Agent in a Azure SQL Managed Instance.

**Yammer Reactions are now inclusive**

We believe that Yammer, a tool that connects people and helps build communities, has an important role to play for a sense of belonging and inclusion. And we don’t want to simply build for inclusivity, we want to celebrate it.

**Get the Microsoft Lists app for iOS**

Microsoft Lists is a Microsoft 365 app that helps you track information and organize your work. They are simple, smart, and flexible, so you can stay on top of what matters most to your team. And now you can track issues, assets, routines, contacts, inventory and more to keep everyone in sync from anywhere while on the go with a personalized, mobile-first experience.

**Azure Logic Apps - Authenticate with managed identity for Azure AD OAuth-based connectors**

Here’s a list of connectors supporting managed identity authentication in preview with more support coming for other connectors in the future!

**January 2021 - Microsoft 365 US Public Sector Roadmap Newsletter**

Dive into the current roadmap for Microsoft 365 US Public Sector.
Microsoft 365 Information Protection and Compliance Deployment Acceleration Guides

The guides can be used both independently, but we recommend using all the solutions together for your deployment needs. We are not recommending one solution be implemented before another but have included information in each guide to tie all the solutions together with features to consider during your implementation.

Secure DevOps Kit for Azure (AzSK)

There is an option to develop manual security checks as the scripts and run them on the subscription. However maintaining such a tool and updating it would be a nightmare, especially as the company adapts more resources type in the subscription. Learn more!

Focus on what matters with AI in To Do

When a user interacts with one of our integrations in Azure CLI or Azure PowerShell, a request is made to our App Service. To fulfil the request, the App Service gets the result from the relevant AI model. Note that we use different resources for different types of models.

Notifications from Yammer communities are now available in Microsoft Teams

We’re announcing the rollout of notifications from Yammer communities in Microsoft Teams. With millions of employees working remotely or in hybrid environments, it’s more important than ever for employees to feel connected. Teams makes it easier to collaborate with others, create workspaces, chat, meet virtually with others, and integrate your business solutions all from a single platform.

Certificate use with Azure Sphere

As you’re probably aware, Microsoft is in the process of updating Azure services to use TLS certificates from a different set of root certificate authorities (root CAs). Azure TLS Certificate Changes provides details about these updates. Some of these changes affect Azure Sphere, but in most cases no action is required for Azure Sphere customers.

Groups in new Exchange Admin Center (EAC) brings performance and ease of discoverability

Continuing on our path to release the new EAC, we wanted to tell you that the Groups feature is now available. The experience is modern, improved, and fast. Administrators can now create and manage all 4 types of groups (Microsoft 365 group, Distribution list, Mail-enabled Security group and Dynamic distribution list) from the new portal.
Azure Data Factory Enables Data Wrangling at Scale with Power Query

The Azure Data Factory team is excited to announce a new update to the ADF data wrangling feature, currently in public preview. Wrangling in ADF empowers users to build code-free data prep and wrangling at cloud scale using the familiar Power Query data-first interface, natively embedded into ADF.

EDR for Linux is now generally available

Endpoint detection and response (EDR) capabilities in Microsoft Defender for Endpoint on Linux server are now generally available.

A look at the new Surface Hub 2S 85

See the largest Surface device ever made on the latest episode of Microsoft Mechanics for a tour of the most immersive in-person and virtual meeting experience available today.

Related Announcements & Events

Experiencing Alerting failure for Metric Alerts

Webinars on Microsoft 365 onboarding, deployment, Teams governance, Windows 10 device configuration.

Accelerated Networking on HB, HC and HBv2

Azure Accelerated Networking is now enabled on modern Azure HPC VM Sizes - HB, HC and HBv2. Accelerated Networking enables Single Root IO Virtualization (SR-IOV) for a VM’s SmartNIC resulting in throughput of up to 30 gigabits/sec, and lower and more consistent latencies.

MSIX Labs for Developers are now available!
MSIX Labs for Developers is a hands-on labs experience to help developers learn how to modernize their desktop apps by taking advantage of MSIX. These labs have been carefully designed to implement one feature per exercise, intentionally delivering byte sized information, and eventually building up your toolset so you can give your desktop app a true makeover!

**Free book on React**

Chris Noring created a new book on React now on GitHub

**The benefits of Infrastructure as Code**

There are lots of different ways you can deploy and configure your Azure resources. When customers are first starting their cloud journey it's common to provision resources manually, deploying and configuring them in the Azure portal. However, this quickly becomes difficult to manage and scale. Infrastructure as Code (IaC) techniques and tools are designed to help you make use of your skills with coding and DevOps practices when working with your cloud infrastructure.

**Service Bus – Complete Message Asynchronously or Synchronously?**

As we know there are two kinds of operations for program threads. Dive in to learn more!

**Find the Hostname of a Hyper-V VM**

If you are running a virtual machine (VM) on Hyper-V, sometimes you want to know on which Hyper-V host this VM is running. If you don't have access to the Hyper-V host, you need to find that information from within the virtual machines operating system.

**Automate the Deployment of Azure Firewall as a Network Virtual Appliance (NVA)**

The purpose of this post is to demonstrate how to automate the deployment of Azure Firewall to be used as an Network Virtual Appliance (NVA) in a Hub & Spoke architecture.

**Microsoft 365 PnP Weekly – Episode 110**

In the final episode of this six-part series with Kate Smith, she walks us through some basic troubleshooting tasks related to Elastic Jobs in Azure SQL Database.

**2020 The Year of Sustainability**
2020 saw Microsoft step forward with several bold new commitments, promising to leverage its vast resources to create solutions and drive sustainable change across the entire economy and we felt this acutely in the Worldwide Sustainability Community (WWSC) as new members and new questions flooded in.

2020 The Year of Sustainability Part Two

So much has changed in ways we never could have imagined; our perspectives have been thrown out of whack – which has also presented opportunities. The year 2020 was bonkers in many ways, but it was also a huge turning point in Microsoft becoming the worldwide frontrunner in ambitious environmental efforts, as well as being just the beginning, with a lot more that needs to be done, quickly.

7 tips for safe online meetings and collaboration with Microsoft Teams

Queue Microsoft Teams! Whether you’re hosting virtual meetings, carrying out daily group and 1:1 chat, sharing documents, or coauthoring in a document in real-time - Teams enables safe and secure collaboration!

“Making risk less risky” 🎙 – The Intrazone podcast

What risks await without a compliance plan in place, or the tools to implement it, or the trust of partners, vendors, and employees? In one word: many. You can make risk less risky for your organization. By managing the who and what of data access, with awareness and adherence to policy, you forge a path with fewer risky business outcomes.

Protect your Box environment and Data using Microsoft Cloud App Security

Continuing on our series on how to use MCAS to protect your non-Microsoft apps, we'll discuss leveraging MCAS to detect threat impacting your Box environment and to protect your data in the cloud.

Enabling Linux based Azure IoT Edge Modules on Windows IoT

Windows IoT is deployed in millions of intelligent edge solutions around the world in numerous industries including manufacturing, retail, medical equipment and public safety. Customers choose Windows to power their edge devices because it is an out of the box that provides a rich platform to create locked-down, interactive user experiences with natural input, provides world class security, enterprise grade device management, and 10 years of servicing allowing you to build a solution that is designed to last.

Microsoft 365 for Government User Group Meeting - Year in Review materials
We met to discuss the big changes that happened within the Microsoft government cloud instances: GCC, GCC High, and DoD.

**Azure RTOS 6.1.3 is now released**

This is our first release of Azure RTOS in 2021. The 6.1.3 patch release incorporates many updates, including new ThreadX ports to new microcontrollers and chips, addition of LwM2M and PTP to NetX Duo, updates to GUIX and more.

**EVENTS**

**Virtual Conference Focused on CMMC and Microsoft’s US Sovereign Cloud**

This third installment of the Cloud Security and Compliance Series (CS2) Virtual series is curated for DoD contractors looking to meet cybersecurity regulations, address security threats, and glean best practices for their Microsoft cloud investments.

**Education Webinar Series Jan 2021 - April 2021**

Sessions will cover a range of topics including: Introductions to emerging technologies to help students get started, Best practices in integrating technology concepts into curriculum, and Real stories and examples from institutions and educators who have seen success and student impact from collaborating with Microsoft.

**Handy Resources**

**Simple Azure Managed Application: creating, testing, and publishing in Partner Center**

Let's look at how to create and test a simple “Hello World”-style Azure Managed Application in the developer’s Azure subscription, and how to publish the same application in the Partner Center and
deploy its “preview” in an end-customer Azure subscription under a different Azure Active Directory tenant.

Lesson Learned #157: Connecting to Azure Managed Instance Using Oracle Database Gateway for ODBC

Learn of a new service request that our customer wants to connect from Oracle to Azure SQL Managed Instance or Azure SQL Database using Oracle Database Gateway for ODBC using a Windows Operating system.

Security Control: Enable audit and logging

Let’s into the different controls within ASC’s Secure Score. In this post we will be discussing the control of Enable audit and logging.

Best Practices Using Microsoft Bookings on Solutions Demanding Large Volumes

Microsoft Bookings helps making scheduling and managing appointments easy and seamless. It does this through a web-based booking tool where people have the flexibility to see and book services when it’s convenient for them, it makes it easier to manage staff’s time by integrating with Outlook’s calendar and keeps everyone updated with timely and automatic email confirmations and reminders to reduce no-shows, all these also helps organizations reduce repetitive scheduling tasks.

Protect your Box environment and Data using Microsoft Cloud App Security

Continuing on our series on how to use MCAS to protect your non-Microsoft apps, we’ll discuss leveraging MCAS to detect threat impacting your Box environment and to protect your data in the cloud.

Automating Azure Synapse Analytics and Azure Analysis Services Tabular, or Power BI Dataset

This article describes an example of how to automate an ELT (extract, load, transform) for your data warehouse and tabular model reporting solutions (AAS (Azure Analysis Services) or Power BI (PBI) dataset) within Azure Synapse Analytics workspace (/studio). The key differentiator of this paper is that the data sits on-premises, and Azure Data Factory is prohibited (i.e. blocked) from accessing the data but, SSIS on-premises can access the data.

QnA with Azure Cognitive Search

Find a detailed explanation on publishing an ASP.NET Core app to an IIS server.
Microsoft Defender for Endpoint Adding Tags for Multiple Devices from CSV List

Get started with the Azure Spring boot starter for Azure Active Directory, connect your application to an Azure AD tenant.

Azure Marketplace new offers – Volume 109

We continue to expand the Azure Marketplace ecosystem. For this volume, 88 new offers successfully met the onboarding criteria and went live.

Microsoft Cloud App Security User Interface Updates

Cloud App Security will be updating its UI to provide a more consistent experience across Microsoft 365 security portals.

Use this blog to learn about the changes as they unfold.

Azure SQL Connectivity Performance Tips & Tricks | Data Exposed

Azure SQL provides several connectivity options to cover different application scenarios. It is important to understand that they may have implications related to security and performance. In this episode with Silvano Corini, we will go through some tips & tricks that may help you to find the best for your needs.

Always Encrypted with secure enclaves in Azure SQL Database preview

Always Encrypted allows you to store your most sensitive data in the public cloud without giving up the control. With Always Encrypted, your data gets transparently encrypted and decrypted outside of the database (inside the client application) using keys that are never revealed to the database system. As a result, administrators, including cloud operators, cannot see the data or the keys in plaintext.

What’s New in Microsoft Edge for Education – BETT / January 2021

As schools evaluate what worked and didn’t work last year, it’s clear that having a reliable browser—like Microsoft Edge—is critical to hybrid learning. Microsoft Edge has built-in, “digital-first” learning tools that are proven to raise reading skills and promote inclusive classrooms—all while allowing students and teachers to personalize their web experience, save time, and browse safely. Today, we’re excited to share both recent updates and brand-new functionality to Microsoft Edge as we kickoff 2021.

Effortlessly monitor applications and dependencies in Azure Spring Cloud!
We are excited to announce that Application Performance Monitoring (APM) is now fully integrated into Azure Spring Cloud, powered by Application Insights.

Automate Application Lifecycle Management with GitHub Actions for Power Platform Webinar

This month’s webinar is ‘Develop Application Lifecycle Management (ALM) processes with GitHub Actions and Power Apps.’ In this blog I will highlight what LCAD on Azure is, the 3 most prevalent products in the webinar and use cases and provide supporting documentation for you to learn more about the webinar’s content.

Azure Government Bot through Bot Composer

We recently troubleshooted an issue with Bot Composer 1.2 to create and publish the bot on Azure government cloud. But even after performing all the steps correctly we end up getting a 401 unauthorized error when the bot is tested on web chat.

How Your Program Works

Small Basic Online has new Debug feature. You can run your program step by step. And you can see values of variables and call stack.

AzUpdate: Azure Defender for IoT Architectural Reference, Backup for Azure Managed Disks and more

Lots to cover this week. News stories to be discussed include the availability of Azure Defender architectural references for IoT, Backup for Azure Managed Disk is now in limited preview, Azure IoT Edge for Linux on Windows available for public preview, ITOps Talks: All Things Hybrid update and of course the Microsoft Learn Module of the Week.

Hybrid relay control & rendezvous channel of Python edition

This article will introduce the difference between control channel and rendezvous channel. And code a simple python application to interpret its process.

Friday Five: Azure Data Factory, Teams Tips, More!

Join our Friday Five this week as we discuss Azure Data Favorite, Teams Tips, and more!

Cloud Design Patterns: The Gatekeeper and Valet Key Patterns
When designing any solution, we often look for common practices or patterns that can be re-used. Think about this from a Software development perspective. You've probably heard about the Factory Method pattern, Builder or Singleton patterns.

**Serverless Architecture and Concepts. What is it?**

We needed to go through this subject this week so we thought that would be a good opportunity to share SQL Serverless Architecture concepts.

**How to save up to 50% on your ELT/ETL total cost of ownership (TCO)**

Data validation, data transformation and de-identification can be complex and time-consuming. As data volumes grow, new downstream use cases and applications emerge, and expectations of timely delivery of high-quality data increase the importance of fast and reliable data transformation, validation, de-duplication and error correction.

**Support Tip: Install Rosetta 2 on new Apple Silicon (M1) Macs to run apps built for Intel Macs**

Apple recently announced Apple Silicon Macs. These devices run on 64-bit ARM (RISC) CPUs relative to the previous generation of Macs that ran on Intel CPUs. Apple also announced a translation layer called Rosetta 2 that allows apps built for Intel Macs to run on the new Apple Silicon Macs.

**Featured Space**

**Green Tech**

The purpose of the Green Tech community is to raise awareness about sustainability in the tech sector and propel people to action. Through the community, we intend to reach a broad audience of tech workers, students, professors, as well as our customers and partners worldwide.
Member of the Week

**George Hepworth**

A member since March 07, 2018, Peter has been a major contributor for the Microsoft Access Community.