

Azure Feeds Newsletter

Weekly Update: Saturday May 27 2023 to Saturday June 03 2023

Azure Updates (14 new azure updates)

Name	Link	Description	Publication Day	Category
General availability: Azure Sphere version 23.05 is delayed, new OS will be issued to Retail Eval	https://azure.microsoft.com/en-us/updates/general-availability-azure-sphere-version-2305-is-delayed-new-os-will-be-issued-to-retail-eval/	Participate in the retail evaluation now to ensure full compatibility. The OS evaluation period provides 14 days for backward compatibility testing.	Wednesday	Azure Updates
General availability: NLog Sink for Azure Data Explorer	https://azure.microsoft.com/en-us/updates/general-availability-nlog-sink-for-azure-data-explorer-2/	Azure Data Explorer now supports ingestion of data from .NET Applications via the NLog Sink.	Wednesday	Azure Updates,Azure Data Explorer
Public Preview: Azure Data Explorer bindings for Azure Functions	https://azure.microsoft.com/en-us/updates/public-preview-azure-data-explorer-bindings-for-azure-functions/	Azure Data Explorer Bindings for Azure Functions (Public Preview)	Wednesday	Azure Updates,Azure Data Explorer,Azure Functions
Setting Up a CI/CD Pipeline with GitHub Actions for Stream Analytics Jobs	https://azure.microsoft.com/en-us/updates/setting-up-a-cicd-pipeline-with-github-actions-for-stream-analytics-jobs/	Are you using GitHub for managing your Stream Analytics project and looking to leverage GitHub's powerful CI/CD pipeline? Follow this comprehensive guide and learn to set [...]	Wednesday	Azure Updates
General availability: Azure CNI powered by Cilium	https://azure.microsoft.com/en-us/updates/azure-cni-powered-by-cilium/	Leverage next generation eBPF dataplane for pod networking, Kubernetes network policies and service load balancing.	Wednesday	Azure Updates,#Azure Kubernetes Service (AKS) #Virtual Network #Features
General Availability: Isovalent Cilium Enterprise through Azure Marketplace	https://azure.microsoft.com/en-us/updates/general-availability-isovalent-cilium-enterprise-through-azure-marketplace/	Isovalent Cilium Enterprise is now generally available through Azure Marketplace.	Wednesday	Azure Updates
Generally available: Azure Files scalability improvement for Azure Virtual Desktop and other workloads that open root directory handles	https://azure.microsoft.com/en-us/updates/generally-available-azure-files-scalability-improvement-for-azure-virtual-desktop-and-other-workloads/	Azure Files has increased the root directory handle limit per share from 2,000 to 10,000 for standard and premium file shares.	Thursday	Azure Updates
Now Available: Resource-centric log queries in the Azure Monitor Query libraries	https://azure.microsoft.com/en-us/updates/resource-centric-log-queries/	Resource-centric log query support is available in the latest stable release of the Azure Monitor Query client libraries. Query logs by Azure resource ID using .NET, [...]	Thursday	Azure Updates

Generally available: Zone Redundant Storage for Azure Disks is now available in more regions.	https://azure.microsoft.com/en-us/updates/generally-available-zone-redundant-storage-for-azure-disks-is-now-available-in-more-regions/	Zone Redundant Storage (ZRS) for Azure Disks is now available on Azure Premium SSD and Standard SSD in Brazil South, UK South, East US, East US [...]	Thursday	Azure Updates
Public preview: Introducing NGads V620-series VMs optimized for cloud gaming	https://azure.microsoft.com/en-us/updates/public-preview-introducing-ngads-v620series-vms-optimized-for-cloud-gaming/	VGads V620-series virtual machines (VMs), now in public preview in the East US2, Europe west, and West US3 regions, enable service providers to build differentiated cloud [...]	Friday	Azure Updates
Generally available: Jobs API to support bulk import in Azure Digital Twins	https://azure.microsoft.com/en-us/updates/generally-available-jobs-api-to-support-bulk-import-in-azure-digital-twins/	GA release for bulk import support for Azure Digital Twins	Friday	Azure Updates,Azure Digital Twins
Generally available: 8TB memory Mv2 Virtual Machine	https://azure.microsoft.com/en-us/updates/generally-available-8tb-memory-mv2-virtual-machine/	Mv2 8TB Memory virtual machine is generally available now for your in-memory workloads.	Friday	Azure Updates,Mseries,Mv2,Virtual Machines
General availability: Azure Load Balancer per VM limit removal	https://azure.microsoft.com/en-us/updates/general-availability-azure-load-balancer-per-vm-limit-removal/	Increase resiliency, higher availability, and flexibility by utilizing more than 2 Standard Load Balancers per VM.	Friday	Azure Updates
Azure Support Plan Offer extended to December 31, 2023	https://azure.microsoft.com/en-us/updates/azure-support-plan-offer-extended-to-december-31-2023/	The existing Azure Support offer is being extended. The promotion will run from July 1, 2023 to December 31, 2023.	Friday	Azure Updates

Tech Community (21 new articles)

Name	Link	Description	Publication Day	Category
Communication between APIM and function App as backend	https://techcommunity.microsoft.com/t5/azure-paas-blog/communication-between-apim-and-function-app-as-backend/ba-p/3831997	Background introduction When a Function App is added as an API in APIM, there are some authorization details we need to consider while communicating from APIM [...]	Monday	Tech Community
Cloud Management Gateway – Inbound Rule for Port 8443	https://techcommunity.microsoft.com/t5/core-infrastructure-and-security/cloud-management-gateway-inbound-rule-for-port-8443/ba-p/3833139	Hello! My name is Nandan Sheth, and I am a part of Microsoft's Customer Success Unit based out of Dublin, Ireland. I have been helping customers [...]	Monday	Tech Community
Cloud Management Gateway – Inbound Rule for Port 8443	https://techcommunity.microsoft.com/t5/core-infrastructure-and-security/cloud-management-gateway-inbound-rule-for-port-8443/ba-p/3833139	Hello! My name is Nandan Sheth, and I am a part of Microsoft's Customer Success Unit based out of Dublin, Ireland. I have been helping customers [...]	Monday	Tech Community
Developer-Friendly JMeter DSL for Authoring JMeter Scripts	https://techcommunity.microsoft.com/t5/apps-on-azure-blog/developer-friendly-jmeter-dsl-for-authoring-jmeter-scripts/ba-p/3834565	Apache JMeter is a widely used testing tool preferred by testers due to its support for multiple protocols and extensibility. JMeter script needs to be authored [...]	Wednesday	Tech Community

Open at Microsoft – Dapr	https://techcommunity.microsoft.com/t5/azure-developer-community-blog/open-at-microsoft-dapr/ba-p/3833865	At Microsoft, our goal is to empower all developers to be successful at building any application, using any language, on any platform. We are committed to [...]	Wednesday	Tech Community
Building a Flask and MongoDB App with Azure Container Apps	https://techcommunity.microsoft.com/t5/apps-on-azure-blog/building-a-flask-and-mongodb-app-with-azure-container-apps/ba-p/3834519	For those who want to focus on creating scalable containerized applications without having to worry about managing any environments, this is the tutorial for you! We [...]	Wednesday	Tech Community
Building the future of Azure Stack HCI	https://techcommunity.microsoft.com/t5/azure-stack-blog/building-the-future-of-azure-stack-hci/ba-p/3834258	Introduction Our customers want a simple way to bring the power of the cloud into their real-world operations to transform their businesses. At Microsoft, our goal [...]	Wednesday	Tech Community
Analyze HAR trace when importing Function App into API Management	https://techcommunity.microsoft.com/t5/azure-paas-blog/analyze-har-trace-when-importing-function-app-into-api/ba-p/3831530	Background introduction API Management allow us to import a function app as an API, the UI offers a straightforward process to import the function app as [...]	Wednesday	Tech Community
Tidying Up URLs: Removing Trailing Slashes in Azure Static Web Apps	https://techcommunity.microsoft.com/t5/core-infrastructure-and-security/tidying-up-urls-removing-trailing-slashes-in-azure-static-web/ba-p/3811614	Introduction In the ever-evolving digital landscape, the importance of clean, well-structured URLs cannot be overstated. A well-crafted URL not only improves user experience, but it also [...]	Wednesday	Tech Community
Generate and send SMS and Email using Azure OpenAI Services and Azure Communication Services	https://techcommunity.microsoft.com/t5/azure-communication-services/generate-and-send-sms-and-email-using-azure-openai-services-and/ba-p/3836098	Many organizations, for example, schools during a significant weather event, need to rapidly communicate ad hoc updates via SMS or Email. With Azure Communication Services and [...]	Thursday	Tech Community
SDN installation simplified: VHDX download is finally here, ISO troubles removed!	https://techcommunity.microsoft.com/t5/azure-stack-blog/sdn-installation-simplified-vhdx-download-is-finally-here-iso/ba-p/3836382	Forget about having to download the Azure Stack HCI ISO file and having to convert it to VHDX to use for Software Defined Networking (SDN) deployment, you [...]	Thursday	Tech Community
Troubleshoot Spring Apps OutOfMemory(OOM) issue	https://techcommunity.microsoft.com/t5/apps-on-azure-blog/troubleshoot-spring-apps-outofmemory-oom-issue/ba-p/3825092	Troubleshoot Spring Apps OutOfMemory(OOM) issue Java Memory Management Heap memory Young Generation: where all new objects are allocated and aged Eden Space: where new objects [...]	Thursday	Tech Community
Add first-class calling capabilities to your Windows applications.	https://techcommunity.microsoft.com/t5/azure-communication-services/add-first-class-calling-capabilities-to-your-windows/ba-p/3836731	The Azure Communication Services Calling SDK for Windows is now generally available! You can use this SDK to natively create rich audio and video experiences in [...]	Friday	Tech Community
Azure Communication Services in Healthcare Update – HIMSS & BUILD 2023	https://techcommunity.microsoft.com/t5/azure-communication-services/azure-communication-services-in-healthcare-update-himss-amp/ba-p/3837366	HIMSS Global Health Conference The HIMSS23 conference was held during the week of April 17-21 in	Friday	Tech Community

		Chicago, IL. It is no surprise that AI took center [...]		
Minimize download size for offline download in AKS hybrid	https://techcommunity.microsoft.com/t5/azure-stack-blog/minimize-download-size-for-offline-download-in-aks-hybrid/ba-p/3824455	In the October release of AKS hybrid, we released offline download, a feature that allows you to pre-download the AKS hybrid images needed for deployment. Offline [...]	Friday	Tech Community
Azure NetApp Files SMB volumes for Azure Kubernetes Services with Astra Trident on Windows	https://techcommunity.microsoft.com/t5/azure-architecture-blog/azure-netapp-files-smb-volumes-for-azure-kubernetes-services/ba-p/3052900	Table of Contents Abstract Introduction Initial Azure NetApp Files and AKS prerequisites and configurations AKS cluster configuration Azure NetApp Files initial configuration Sign in and [...]	Friday	Tech Community
Enhanced Performance and Scalability: Azure AD-joined Session Hosts with Azure NetApp Files	https://techcommunity.microsoft.com/t5/azure-architecture-blog/enhanced-performance-and-scalability-azure-ad-joined-session/ba-p/3836576	Table of Contents Abstract Introduction Scenario Requirements Configuration Summary Links to Additional Information Abstract In this article, you will learn how to integrate Azure [...]	Friday	Tech Community
Create ready-to-code dev boxes using config as code – now in preview	https://techcommunity.microsoft.com/t5/azure-developer-community-blog/create-ready-to-code-dev-boxes-using-config-as-code-now-in/ba-p/3835034	Overview At the Microsoft Build conference last week, my team shared that this July we'll ship the general availability (GA) release of Microsoft Dev Box – [...]	Friday	Tech Community
Create ready-to-code dev boxes using config as code – now in preview	https://techcommunity.microsoft.com/t5/azure-developer-community-blog/create-ready-to-code-dev-boxes-using-config-as-code-now-in/ba-p/3835034	Overview At the Microsoft Build conference last week, my team shared that this July we'll ship the general availability (GA) release of Microsoft Dev Box – [...]	Friday	Tech Community
Cloud Rendering Adobe After Effects Video with Windows Docker Container	https://techcommunity.microsoft.com/t5/apps-on-azure-blog/cloud-rendering-adobe-after-effects-video-with-windows-docker/ba-p/3837828	Since I run Newbie Homemade Mashup Lab, I always have video render needs for After Effects. When there are many videos, my personal computer will spend [...]	Friday	Tech Community
Explore sessions from Microsoft Build 2023	https://techcommunity.microsoft.com/t5/apps-on-azure-blog/explore-sessions-from-microsoft-build-2023/ba-p/3741549	Microsoft Build just wrapped but you can still experience it on demand. The event was packed with sessions covering the latest tools, development principles, strategies, and [...]	Saturday	Tech Community

Microsoft Security (0 articles)

Azure Community (11 articles)

Name	Link	Description	Creator
Microsoft Build 2023 News Round Up	https://www.techclass.com/microsoft-build-2023-news-round-up/	Microsoft Build, Microsoft's developer conference, has been happening this week in Seattle. There was an in-person element to the event, and it was available online live [...]	Sarah Lean

Bytes, Blocks and Elasticity – Getting Started with Azure Elastic SAN	https://luke.geek.nz/azure/Bytes-Blocks-and-Elasticity-Getting-Started-with-Azure-Elastic-SAN/	Today we are going to take a look at the Microsoft Azure Elastic SAN. Introduction “Azure Elastic SAN is a unique cloud-native and fully managed storage [...]	Luke Murray
Azure Container Apps Updates and Improvements	https://samcogan.com/azure-container-apps-updates-and-improvements/	Azure Container Apps is the Microsoft solution for PaaS Kubernetes, abstracting away the Kubernetes layer to allow the user to focus on delivering their container-based applications. [...]	Sam Cogan
Register and Manage Linux Servers with Azure Arc Tutorial	https://www.techielass.com/register-and-manage-linux-servers-with-azure-arc-tutorial/	In this tutorial, I want to explore how to onboard a Ubuntu server to Azure using Azure Arc. The tutorial will walk you through registering the [...]	Sarah Lean
Natural Language Infrastructure as Code: Is it the future of Cloud Automation?	https://thomasthornton.cloud/2023/05/29/natural-language-infrastructure-as-code-is-it-the-future-of-cloud-automation/	Infrastructure as Code (IaC) has really revolutionised the way we manage and deploy our cloud resources. By treating infrastructure as code, we can automate the provisioning [...]	Thomas Thornton
Some thoughts on CIAM External ID and Azure AD B2C	https://medium.com/the-new-control-plane/some-thoughts-on-ciam-external-id-and-azure-ad-b2c-65aeb5a611e4?source=rss----3a246e667a75--4	Logo_CIAM.jpg— from Wikimedia CIAM External ID was announced at Build and is currently in public preview. CIAM (Customer IAM) is the successor to Azure AD B2C. And, of course, [...]	Rory Braybrook
Azure VM Extensions: Part 1 DSC Extensions	https://gregorsuttie.com/2023/05/30/azure-vm-extensions-part-1-dsc-extensions/	This blog post covers some of the battles I have had trying to install some software onto a VM within Azure. There are many ways to [...]	Gregor Suttie
Code as Code – Managing Azure Automation with Terraform	https://azurecloudai.blog/2023/05/31/code-as-code-managing-azure-automation-with-terraform/?utm_source=rss&utm_medium=rss&utm_campaign=code-as-code-managing-azure-automation-with-terraform	Introduction Azure Automation is a robust tool that provides administrators with the ability to execute tasks either on Azure or on-premises (through a hybrid worker). If [...]	Rod Trent
Load Balancing in Azure OpenAI Service	https://journeyofthegEEK.com/2023/05/31/load-balancing-in-azure-openai-service/	Another Azure OpenAI Service post? Why not? I gotta justify the costs of maintaining the blog somehow! The demand for the AOAI (Azure OpenAI Service) is [...]	Matt Felton
188 – Favorite announcements from Microsoft Build 2023	https://share.transistor.fm/s/8f98fed1	We talk about our favorite announcements from Microsoft Build 2023. A lot of interesting content, so we picked the	Tobias Zimmergren

		ones we felt are useful, interesting and [...]	
Ensuring High Priority for Azure Kubernetes Service (AKS) Daemon Sets: A Guide to Smooth Cluster Startup	https://pixelrobots.co.uk/2023/06/ensuring-high-priority-for-azure-kubernetes-service-aks-daemon-sets-a-guide-to-smooth-cluster-startup/?utm_source=rss&utm_medium=rss&utm_campaign=ensuring-high-priority-for-azure-kubernetes-service-aks-daemon-sets-a-guide-to-smooth-cluster-startup	Reading Time: 2 minutes Introduction One crucial aspect of Azure Kubernetes Service (AKS) is the ability to ensure that critical components, such as Daemon Sets, start [...]	Pixel Roberts

Azure Architecture Center (0 new or updated articles)

Microsoft Learn (99 new or modified learn modules)

Name	Link	Description	Publication Day	Category
Configure administrative roles in Microsoft 365	https://learn.microsoft.com/en-us/training/modules/configure-administrative-microsoft-365	This module examines the key functionality that's available in the more commonly used Microsoft 365 admin roles. It also provides instruction on how to configure these [...]	Wednesday	Microsoft Learn,Microsoft 365,Office 365
Digital accessibility	https://learn.microsoft.com/en-us/training/modules/digital-accessibility	This module shows how to create accessible and inclusive content for mobile apps and the web.	Wednesday	Microsoft Learn,Microsoft 365
Communicate effectively on GitHub by using Markdown	https://learn.microsoft.com/en-us/training/modules/communicate-using-markdown	Learn to use Markdown to communicate with brevity, clarity, and expression.	Wednesday	Microsoft Learn,Azure,GitHub
Deploy IoT solutions with Azure SQL Database	https://learn.microsoft.com/en-us/training/modules/deploy-iot-solution-azure-sql-database	In this module, learn how Azure SQL Database provides a price-performant backend for IoT applications. You'll also deploy a template that includes Azure SQL Database, Azure [...]	Wednesday	Microsoft Learn,Azure Functions,Azure IoT,Azure IoT Hub,Azure Log Analytics,Azure SQL Database,Azure Virtual Machines
Plan a Moon mission by using Python pandas	https://learn.microsoft.com/en-us/training/modules/plan-moon-mission-using-python-pandas	Like Fei Fei, use data to plan your own mission to the Moon. Ensure that your rocket can not only get you there, but also bring [...]	Wednesday	Microsoft Learn,Visual Studio Code
Guided project – Develop conditional branching and looping structures in C#	https://learn.microsoft.com/en-us/training/modules/guided-project-develop-conditional-branching-looping	Guided project – Develop conditional branching and looping structures in C#	Wednesday	Microsoft Learn,.NET,Visual Studio Code
Introduction to Azure SQL	https://learn.microsoft.com/en-us/training/modules/azure-sql-intro	This module introduces Azure SQL. Learn about various deployment options and service tiers and what to use for your organization.	Wednesday	Microsoft Learn,Azure,Azure SQL Database,Azure SQL Managed Instance
Enable user sign-in to your Django web app by using Azure AD	https://learn.microsoft.com/en-us/training/modules/msid-django-web-app-sign-in	Create a Django web app that signs in users by using the Microsoft identity platform. Register a Django web app in an Azure Active Directory (Azure [...])	Wednesday	Microsoft Learn,entra Azure Active Directory,Microsoft Authentication Library for Python
Send an SMS message from a C# console	https://learn.microsoft.com/en-us/training/modules/communication-	In this module, you'll create a C# console application	Wednesday	Microsoft Learn,Azure,Azure

application with Azure Communication Services	service-send-sms-console-app	that sends SMS messages using a phone number provisioned via Azure Communication Services.		Communication Services
Explore Microsoft Purview Data Loss Prevention	https://learn.microsoft.com/en-us/training/modules/explore-examine-data-loss-prevention-microsoft-365	This module examines the data loss prevention features in Microsoft 365 that help organizations identify, monitor, report, and protect sensitive data through deep content analysis while [...]	Wednesday	Microsoft Learn,Microsoft 365,Office 365
Use Boolean logic in Python	https://learn.microsoft.com/en-us/training/modules/python-boolean-types	Explore how to use the Boolean type in Python to craft complex expressions that apply conditional logic.	Wednesday	Microsoft Learn,Azure
Microsoft Azure Well-Architected Framework – Cost optimization	https://learn.microsoft.com/en-us/training/modules/azure-well-architected-cost-optimization	Identify cost optimization opportunities to maximize cloud efficiency and visibility with the Microsoft Azure Well-Architected Framework.	Wednesday	Microsoft Learn,Azure,azure advisor,Azure Cost Management,Azure Monitor
Distribute your services across Azure virtual networks and integrate them by using virtual network peering	https://learn.microsoft.com/en-us/training/modules/integrate-vnets-with-vnet-peering	Use virtual network peering to enable communication across virtual networks in a way that's secure and minimally complex.	Wednesday	Microsoft Learn,Azure,Azure Virtual Network
Transform data with Spark in Azure Synapse Analytics	https://learn.microsoft.com/en-us/training/modules/transform-data-spark-azure-synapse-analytics	Learn how to use Apache Spark pools in Azure Synapse Analytics to transform data.	Wednesday	Microsoft Learn,Azure Synapse Analytics
Microsoft Azure Well-Architected Framework – Security	https://learn.microsoft.com/en-us/training/modules/azure-well-architected-security	Discover the tools that Azure provides to help you design a secure environment throughout your infrastructure, data, network, and applications.	Wednesday	Microsoft Learn,Azure,entra Azure Active Directory
Manage tenant health and services in Microsoft 365	https://learn.microsoft.com/en-us/training/modules/manage-tenant-services-microsoft-365	This module examines how to monitor your organization's transition to Microsoft 365 using Microsoft 365 tools. It also examines how to develop an incident response plan [...]	Wednesday	Microsoft Learn,Microsoft 365,Office 365
Prepare for identity synchronization to Microsoft 365	https://learn.microsoft.com/en-us/training/modules/prepare-synchronization-microsoft-365	This module examines all the planning aspects that must be considered when implementing directory synchronization between on-premises Active Directory and Microsoft 365.	Wednesday	Microsoft Learn,Microsoft 365,Office 365
Analyze your Microsoft 365 workplace data using Microsoft Viva Insights	https://learn.microsoft.com/en-us/training/modules/analyze-microsoft-365-workplace-data-use-microsoft-viva-insights	This module examines the workplace analytical features of Microsoft Viva Insights, including how it works, and how it generates insights and improves collaboration within an organization.	Wednesday	Microsoft Learn,Microsoft 365,Office 365
Introduction to Azure Arc-enabled	https://learn.microsoft.com/en-us/training/modules/intro-to-arc-enabled-	Learn about Azure Arc-enabled Kubernetes and	Wednesday	Microsoft Learn,Azure,Azure

Kubernetes	kubernetes	how it can help organizations optimize and simplify their operations.		Kubernetes Service,Azure Monitor,azure-arc
Configure virtual machine backups	https://learn.microsoft.com/en-us/training/modules/configure-virtual-machine-backups	Learn how to configure virtual machine backups including restore operations.	Thursday	Microsoft Learn,Azure Backup,Azure Virtual Machines
Creating Adaptive Cards	https://learn.microsoft.com/en-us/training/modules/writing-adaptive-cards	Find out about the capabilities of Adaptive Cards, try out the range of user input and action, and then extend the app with Adaptive Cards APIs.	Thursday	Microsoft Learn,Windows
Create and manage sensitive information types	https://learn.microsoft.com/en-us/training/modules/create-manage-sensitive-information-types	Create and manage sensitive information types	Thursday	Microsoft Learn,Microsoft 365
Introduction to Windows 10 development	https://learn.microsoft.com/en-us/training/modules/introduction-to-windows10-dev	Get acquainted with Windows 10 development, install essential tools, and find out about the Windows Insider Program.	Thursday	Microsoft Learn,Windows
Manage application configuration data	https://learn.microsoft.com/en-us/training/modules/manage-application-configuration-data	Manage application configuration data	Thursday	Microsoft Learn,Azure,Azure Artifacts,Azure Boards,Azure Cloud Services,Azure DevOps,Azure Pipelines,Azure Repos,Azure Test Plans,GitHub
Add principles of inclusive design to your Windows app	https://learn.microsoft.com/en-us/training/modules/write-inclusive-windows-apps	Learn how to incorporate principles of inclusive design to make your Windows app into an experience that supports a wide variety of users.	Thursday	Microsoft Learn,Windows
Manage data retention in Microsoft 365 workloads	https://learn.microsoft.com/en-us/training/modules/manage-data-retention-microsoft-365	Manage data retention in Microsoft 365 workloads	Thursday	Microsoft Learn,Microsoft 365,Microsoft Purview
Guided project – Develop foreach and if-elseif-else structures to process array data in C#	https://learn.microsoft.com/en-us/training/modules/guided-project-arrays-iteration-selection	Gain experience developing a console app that implements arrays, foreach loops, and if statements to achieve app specifications.	Thursday	Microsoft Learn,.NET,Visual Studio Code
Configure your Windows app to use Narrator and speech recognition	https://learn.microsoft.com/en-us/training/modules/narrator-and-voice-input	In this module, we show you how to use Narrator and custom voice input controls to make your app inclusive to visually impaired users.	Thursday	Microsoft Learn,Windows
Explore package dependencies	https://learn.microsoft.com/en-us/training/modules/explore-package-dependencies	Explore package dependencies	Thursday	Microsoft Learn,Azure,Azure Artifacts,Azure Boards,Azure Cloud Services,Azure DevOps,Azure Pipelines,Azure Repos,Azure Test Plans,GitHub
Control authentication for your APIs with Azure API Management	https://learn.microsoft.com/en-us/training/modules/control-authentication-with-apim	Discover how to protect your APIs from unauthorized use with API	Thursday	Microsoft Learn,Azure,Azure API Management

		keys and client certificate authentication.		
Use recommended tools to create a data-flow diagram	https://learn.microsoft.com/en-us/training/modules/tm-use-recommended-tools-to-create-a-data-flow-diagram	You can use any canvas, physical or virtual, to create a data-flow diagram. Engineers at Microsoft recommend three tools to help you in your threat modeling [...]	Thursday	Microsoft Learn,Azure Security Center,Azure Security Center for IoT,Microsoft 365 Cloud App Security,Microsoft 365 Security Center
Explore release recommendations	https://learn.microsoft.com/en-us/training/modules/explore-release-strategy-recommendations	Explore release recommendations	Thursday	Microsoft Learn,Azure,Azure Artifacts,Azure Boards,Azure Cloud Services,Azure DevOps,Azure Pipelines,Azure Repos,Azure Test Plans,GitHub
Deploy and secure Azure Key Vault	https://learn.microsoft.com/en-us/training/modules/azure-key-vault	Protect your keys, certificates, and secrets in Azure Key Vault. Learn to configure key vault for the most secure deployment.	Thursday	Microsoft Learn,Azure,Azure Key Vault
Deploy Microsoft Purview Message Encryption	https://learn.microsoft.com/en-us/training/modules/deploy-message-encryption-microsoft-365	Deploy Microsoft Purview Message Encryption	Thursday	Microsoft Learn,Microsoft Purview,Office 365
Create a machine learning model for offline use on a Windows device	https://learn.microsoft.com/en-us/training/modules/add-machine-learning-to-uwp-app	Learn how to add AI to a Windows UWP app, built in the cloud and run locally, using Windows Machine Learning and Azure Cognitive Services.	Thursday	Microsoft Learn,Windows
Solve a job shop scheduling optimization problem by using Azure Quantum	https://learn.microsoft.com/en-us/training/modules/solve-job-shop-optimization-azure-quantum	Learn how to use Azure Quantum's optimization service to solve a job shop scheduling problem.	Thursday	Microsoft Learn,Azure Quantum
Integrate adaptive cards into Windows 10 Timeline	https://learn.microsoft.com/en-us/training/modules/integrate-app-into-windows-10-timeline	Learn how to develop a simple adaptive card to enhance the appearance in Windows 10 Timeline of your Universal Windows Platform app.	Thursday	Microsoft Learn,Windows
Create a classification model with Azure Machine Learning designer	https://learn.microsoft.com/en-us/training/modules/create-classification-model-azure-machine-learning-designer	Create a classification model with Azure Machine Learning designer	Thursday	Microsoft Learn,Azure Machine Learning
Prepare your development environment for Azure development	https://learn.microsoft.com/en-us/training/modules/prepare-your-dev-environment-for-azure-development	Learn how to choose and install the appropriate IDE for your requirements to help you build, deploy, monitor, and scale cloud-hosted solutions.	Thursday	Microsoft Learn,Azure,Azure SDKs
Get started with Windows Subsystem for Linux (WSL)	https://learn.microsoft.com/en-us/training/modules/wsl/wsl-introduction	An overview of Windows Subsystem for Linux (WSL) ability to install Linux distributions on your Windows computer, instructions to install and set up, a high-level look [...]	Thursday	Microsoft Learn,Windows
Work with mutable and partial data in Azure Cache for Redis	https://learn.microsoft.com/en-us/training/modules/work-with-mutable-and-partial-data-in-a-redis-cache	Learn how to create transactions, manage memory, and use the	Thursday	Microsoft Learn,Azure,Azure Cache for Redis,Azure Cloud Shell

		cache-aside pattern with Azure Cache for Redis		
Apply and manage sensitivity labels	https://learn.microsoft.com/en-us/training/modules/apply-manage-sensitivity-labels	Apply and manage sensitivity labels	Thursday	Microsoft Learn,Microsoft 365,Microsoft Purview
Implement tools to track usage and flow	https://learn.microsoft.com/en-us/training/modules/implement-tools-track-usage-flow	Implement tools to track usage and flow	Thursday	Microsoft Learn,Azure,Azure Artifacts,Azure Boards,Azure Cloud Services,Azure DevOps,Azure Pipelines,Azure Repos,Azure Test Plans,GitHub
Manage data loss prevention policies and reports in Microsoft 365	https://learn.microsoft.com/en-us/training/modules/manage-data-loss-prevention-policies	Manage data loss prevention policies and reports in Microsoft 365	Thursday	Microsoft Learn,Microsoft 365,Microsoft Purview
Write internet-connected Windows apps	https://learn.microsoft.com/en-us/training/modules/build-internet-connected-windows10-apps	Learn how to build apps with Azure Cognitive Services that can find images based on text descriptions and write an app that connects to a NASA [...]	Thursday	Microsoft Learn,Windows
Enhance the user interface of your Windows 10 app	https://learn.microsoft.com/en-us/training/modules/enhance-ui-of-windows-10-app	Learn how to add navigation and media to the UI of your Windows 10 app to enhance the user experience.	Thursday	Microsoft Learn,Windows
Create a user interface (UI) for Windows 10 apps	https://learn.microsoft.com/en-us/training/modules/create-ui-for-windows-10-apps	Learn the fundamentals of creating UI for Windows 10 apps, combining elements to create the UI that you want on either UWP or WPF platforms.	Thursday	Microsoft Learn,Windows
Write your first Windows 10 application	https://learn.microsoft.com/en-us/training/modules/write-your-first-windows10-app	Learn how to create apps in the most popular Windows development frameworks – UWP, WPF, and Windows Forms.	Thursday	Microsoft Learn,Windows
Implement data binding in your Windows application	https://learn.microsoft.com/en-us/training/modules/implement-data-binding-in-windows-10-app	Learn about the relation between UI and data in Windows apps, and implement data binding in your applications.	Thursday	Microsoft Learn,Windows
Introduction to Azure Web PubSub	https://learn.microsoft.com/en-us/training/modules/introduction-to-azure-web-pubsub	Learn what Azure Web PubSub is, when to use it, and how it works to add real-time messaging functionality to your web application.	Thursday	Microsoft Learn,Azure Web PubSub
Introduction to Orleans	https://learn.microsoft.com/en-us/training/modules/orleans-product-introduction	Learn what the Orleans framework is, the benefits it can provide, and how to integrate it with your applications.	Thursday	Microsoft Learn,.NET Orleans,Azure App Service
Publish an Angular, React, Svelte, or Vue JavaScript app with Azure Static Web Apps	https://learn.microsoft.com/en-us/training/modules/publish-app-service-static-web-app-api	Publish an Angular, React, Svelte, or Vue JavaScript app with Azure Static Web Apps. Use Visual Studio Code to create and run the web app locally.	Thursday	Microsoft Learn,Azure,Azure App Service,Azure App Service Static Web Apps

Build your first Orleans app with ASP.NET Core 7.0	https://learn.microsoft.com/en-us/training/modules/orleans-build-your-first-app	Learn how to build cloud native, distributed apps with Orleans.	Thursday	Microsoft Learn,.NET Orleans,Azure App Service
Build your first real-time chat app by using Azure Web PubSub and Azure Static Web Apps	https://learn.microsoft.com/en-us/training/modules/build-chat-app-web-pubsub	Build a real-time, serverless chat app using Azure Web PubSub and Azure Static Web Apps, and implement continuous delivery from a GitHub repo.	Thursday	Microsoft Learn,Azure Web PubSub
Deploy Node.js server with MongoDB database to Azure App Service	https://learn.microsoft.com/en-us/training/modules/javascript-deploy-expressjs-app-service-with-database	Learn how to create, configure and deploy a Node.js server app with a MongoDB database to Azure App Service.	Thursday	Microsoft Learn,Azure,Azure App Service,Azure Cosmos DB
Implement Pub/Sub and Streams in Azure Cache for Redis	https://learn.microsoft.com/en-us/training/modules/azure-redis-publish-subscribe-streams	In this module, you will implement both the Pub/Sub and Streams features of Redis in Azure Cache for Redis.	Thursday	Microsoft Learn,Azure,Azure Cache for Redis
Investigate threats with Content search in Microsoft Purview	https://learn.microsoft.com/en-us/training/modules/investigate-threats-with-content-search-in-microsoft-purview	Investigate threats with Content search in Microsoft Purview.	Thursday	Microsoft Learn,Microsoft 365,Office 365
Introduction to Azure Cache for Redis	https://learn.microsoft.com/en-us/training/modules/intro-to-azure-cache-for-redis	Evaluate how Azure Cache for Redis can improve the performance and scalability of your apps. Describe how Redis provides a critical low-latency and high-throughput data storage [...]	Thursday	Microsoft Learn,Azure,Azure Cache for Redis
Integrate with cloud flows – Online workshop	https://learn.microsoft.com/en-us/training/modules/integrate-cloud-flows-online-workshop	Learn how to integrate with cloud flows.	Thursday	Microsoft Learn,Microsoft Power Platform,Microsoft Power Platform Power Automate
Develop Java web app on Azure using IntelliJ	https://learn.microsoft.com/en-us/training/modules/publish-azure-web-app-with-azure-toolkit-intellij	In this module, you will learn how to use Azure to host your Java web apps, built by using IntelliJ IDEA.	Thursday	Microsoft Learn,Azure,Azure Virtual Machines
Improve the performance of an API by adding a caching policy in Azure API Management	https://learn.microsoft.com/en-us/training/modules/improve-api-performance-with-apim-caching-policy	Learn how to use Azure API Management to change an API without rewriting code to enable you to apply a caching policy to a GET operation [...]	Thursday	Microsoft Learn,Azure,Azure API Management
Optimize your web applications by caching read-only data with Redis	https://learn.microsoft.com/en-us/training/modules/optimize-your-web-apps-with-redis	Use Redis caching in Azure to reduce the load on databases. Apply different caching architectures to support larger loads in distributed and high-volume environments.	Thursday	Microsoft Learn,.NET,.NET ASP.NET Core,.NET Core,Azure,Azure Cache for Redis
Introduction to Azure API Management	https://learn.microsoft.com/en-us/training/modules/introduction-to-azure-api-management	Evaluate whether Azure API Management is appropriate for managing and exposing your organization's APIs	Thursday	Microsoft Learn,Azure API Management
Publish and manage your APIs with Azure API Management	https://learn.microsoft.com/en-us/training/modules/publish-manage-apis-with-azure-api-management	Learn about using an Azure API gateway to share APIs with partners, and how to use subscription keys to control access to your APIs.	Thursday	Microsoft Learn,Azure,Azure API Management
Protect your APIs on Azure API	https://learn.microsoft.com/en-us/training/modules/protect-apis-on-api	Protect your back-end APIs from information exposure	Thursday	Microsoft Learn,Azure,Azure API

Management	management	and implement throttling to prevent resource exhaustion with policies in Azure API Management.		Management
Build an end to end data governance and master data management stack with Microsoft Purview and CluedIn	https://learn.microsoft.com/en-us/training/modules/building-end-to-end-data-governance-master-data-stack-with-microsoft-purview-cluedin	This training module will build a complete master data management and data governance stack end to end with Microsoft Purview and CluedIn. It includes developing golden [...]	Thursday	Microsoft Learn,Microsoft Purview
Deploy Node.js to Azure App Service	https://learn.microsoft.com/en-us/training/modules/javascript-deploy-expressjs-app-service	Deploy an Node.js web app with APIs to Azure App Service.	Thursday	Microsoft Learn,Azure,Azure App Service
Introduction to Translator	https://learn.microsoft.com/en-us/training/modules/intro-to-translator	Translator is a cloud-based service that uses Artificial Intelligence to reliably translate text and documents between languages in near real time. You can add multi-language user [...]	Friday	Microsoft Learn,Azure,Azure Cognitive Services,Azure Translator
Use Data Factory pipelines in Microsoft Fabric	https://learn.microsoft.com/en-us/training/modules/use-data-factory-pipelines-fabric	Use Data Factory pipelines in Microsoft Fabric	Friday	Microsoft Learn,fabric
Get started with lakehouses in Microsoft Fabric	https://learn.microsoft.com/en-us/training/modules/get-started-lakehouses	Get started with lakehouses in Microsoft Fabric	Friday	Microsoft Learn,fabric
Work with Delta Lake tables in Microsoft Fabric	https://learn.microsoft.com/en-us/training/modules/work-delta-lake-tables-fabric	Tables in a Microsoft Fabric lakehouse are based on the Delta Lake technology commonly used in Apache Spark. By using the enhanced capabilities of delta tables, [...]	Friday	Microsoft Learn,fabric
Ingest Data with Dataflows Gen2 in Microsoft Fabric	https://learn.microsoft.com/en-us/training/modules/use-dataflow-gen-2-fabric	Data ingestion is crucial in analytics. Microsoft Fabric's Data Factory offers Dataflows (Gen2) for visually creating multi-step data ingestion and transformation using Power Query Online.	Friday	Microsoft Learn,fabric
Create a new Node.js project and work with dependencies	https://learn.microsoft.com/en-us/training/modules/create-nodejs-project-dependencies	Create a Node.js project and learn to add packages and manage package dependencies in your project. Use the npm CLI and registry to add libraries and [...]	Friday	Microsoft Learn,Azure
Implement Azure Container Apps	https://learn.microsoft.com/en-us/training/modules/implement-azure-container-apps	Run serverless containerized apps in Azure Container Apps service.	Friday	Microsoft Learn,Azure,Azure Container Instances,Azure Container Registry,Azure Resource Manager,Azure Virtual Machines
Explore Azure for SAP storage	https://learn.microsoft.com/en-us/training/modules/explore-azure-storage	Explore Azure for SAP storage	Friday	Microsoft Learn,Azure
Administer Microsoft Fabric	https://learn.microsoft.com/en-us/training/modules/administer-fabric	Administer Microsoft Fabric	Friday	Microsoft Learn,fabric

Get started with data warehouses in Microsoft Fabric	https://learn.microsoft.com/en-us/training/modules/get-started-data-warehouse	Understand the key components and design considerations for implementation of data warehouses in Microsoft Fabric.	Friday	Microsoft Learn,fabric
Create a Windows virtual machine in Azure	https://learn.microsoft.com/en-us/training/modules/create-windows-virtual-machine-in-azure	Learn to create an Azure virtual machine in minutes that can be used like a local physical desktop or server.	Friday	Microsoft Learn,Azure,Azure Virtual Machines,Azure Windows Virtual Machines
Get started with Real-Time Analytics in Microsoft Fabric	https://learn.microsoft.com/en-us/training/modules/get-started-kusto-fabric	Get started with Real-Time Analytics in Microsoft Fabric	Friday	Microsoft Learn,fabric
Create text with GPT in AI Builder	https://learn.microsoft.com/en-us/training/modules/ai-builder-text-generation	Try a template, write your own instructions with text generation in AI Builder.	Friday	Microsoft Learn,Microsoft Power Platform,Microsoft Power Platform AI Builder,Microsoft Power Platform Power Automate
Use Apache Spark in Microsoft Fabric	https://learn.microsoft.com/en-us/training/modules/use-apache-spark-work-files-lakehouse	Apache Spark is a core technology for large-scale data analytics. Microsoft Fabric provides support for Spark clusters, enabling you to analyze and process data at scale.	Friday	Microsoft Learn,fabric
Build custom Power Pages web templates	https://learn.microsoft.com/en-us/training/modules/power-pages-custom-web	Create custom Microsoft Power Pages web templates.	Friday	Microsoft Learn,Microsoft Power Platform,Microsoft Power Platform power-pages
Build natural language solutions with Azure OpenAI Service	https://learn.microsoft.com/en-us/training/modules/build-language-solution-azure-openai	Learn how to integrate language understanding and prompt completions from Azure OpenAI into your app.	Friday	Microsoft Learn,Azure,Azure azure-openai
Extend Power Pages websites	https://learn.microsoft.com/en-us/training/modules/power-pages-extend	Learn how to extend website functionality by using software development and how to use application lifecycle management (ALM) techniques to deploy websites.	Friday	Microsoft Learn,Microsoft Power Platform,Microsoft Power Platform power-pages
Monitor Cognitive Services	https://learn.microsoft.com/en-us/training/modules/monitor-cognitive-services	Monitor Cognitive Services	Friday	Microsoft Learn,Azure Cognitive Services
Perform hyperparameter tuning with Azure Machine Learning	https://learn.microsoft.com/en-us/training/modules/perform-hyperparameter-tuning-azure-machine-learning-pipelines	Perform hyperparameter tuning with Azure Machine Learning	Friday	Microsoft Learn,Azure Machine Learning
Migrate on-premises MongoDB databases to Cosmos DB	https://learn.microsoft.com/en-us/training/modules/migrate-on-premises-mongodb-databases-azure-database-mongodb	Migrate on-premises MongoDB databases to Cosmos DB	Friday	Microsoft Learn,Azure Cosmos DB
Create a regression model with Azure Machine Learning designer	https://learn.microsoft.com/en-us/training/modules/create-regression-model-azure-machine-learning-designer	Create a regression model with Azure Machine Learning designer	Friday	Microsoft Learn,Azure Machine Learning
Create a bot with the Bot Framework SDK	https://learn.microsoft.com/en-us/training/modules/design-bot-conversation-flow	Learn how to build a bot by using the Microsoft Bot Framework SDK.	Friday	Microsoft Learn,Azure,Azure Bot Service

Configure DLP policies for Microsoft Defender for Cloud Apps and Power Platform	https://learn.microsoft.com/en-us/training/modules/create-configure-data-loss-prevention-policies	Configure DLP policies for Microsoft Defender for Cloud Apps and Power Platform	Friday	Microsoft Learn,Microsoft 365,Microsoft Purview
Deploy and manage a stateful application by using Azure Cosmos DB and Azure Kubernetes Service	https://learn.microsoft.com/en-us/training/modules/aks-manage-application-state	Create and manage a stateful application with an external storage by using Azure Cosmos DB and Azure Kubernetes Service	Friday	Microsoft Learn,Azure,Azure Cosmos DB,Azure Kubernetes Service
Implement the Visual Studio Code debugging tools for C#	https://learn.microsoft.com/en-us/training/modules/implement-visual-studio-code-debugging-tools	This module explores the tools and processes used to debug C# console applications in Visual Studio Code. Hands-on activities provide experience using breakpoints, conditional breakpoints, and [...]	Friday	Microsoft Learn,.NET,Visual Studio Code
Develop applications with Azure Database for MySQL – Flexible Server	https://learn.microsoft.com/en-us/training/modules/develop-apps-with-azure-database-mysql	Learn to create applications that connect to and query Azure Database for MySQL – Flexible Server. Develop and deploy applications faster by integrating with Azure App [...]	Friday	Microsoft Learn,Azure,Azure App Service,Azure Database for MySQL
Explore fundamentals of real-time analytics	https://learn.microsoft.com/en-us/training/modules/explore-fundamentals-stream-processing	Learn about the basics of stream processing, and the services in Microsoft Azure that you can use to implement real-time analytics solutions.	Friday	Microsoft Learn,Azure
Apply prompt engineering with Azure OpenAI Service	https://learn.microsoft.com/en-us/training/modules/apply-prompt-engineering-azure-openai	In this module, learn how prompt engineering can help to create and fine-tune prompts for natural language processing models. Prompt engineering involves designing and testing various [...]	Friday	Microsoft Learn,Azure,Azure azure-openai
Configure and use built-in master planning in Dynamics 365 Supply Chain Management	https://learn.microsoft.com/en-us/training/modules/configure-use-master-planning-dyn365-supply-chain-mgmt	Businesses in any market, such as retail, manufacturing, distribution, services, and public sector organizations, need functionality to help them plan for demand and supply of products [...]	Friday	Microsoft Learn,Dynamics 365,Dynamics 365 Finance and Operations,Dynamics 365 Supply Chain Management
Add an AI model to process invoice forms – Online workshop	https://learn.microsoft.com/en-us/training/modules/add-ai-model-process-invoice-online-workshop	Learn how to add an AI model to process invoice forms.	Friday	Microsoft Learn,Microsoft Power Platform,Microsoft Power Platform Power Apps
Access Dataverse in Power Pages websites	https://learn.microsoft.com/en-us/training/modules/power-pages-dataverse	Learn about the several techniques and methods for displaying and interacting with Dataverse data on Power Pages websites.	Friday	Microsoft Learn,Microsoft Power Platform,Microsoft Power Platform power-pages
Get started with data science in Microsoft Fabric	https://learn.microsoft.com/en-us/training/modules/get-started-data-science-fabric	Get started with data science in Microsoft Fabric by learning how to train a model in a notebook, and track your metrics with MLflow and experiments.	Friday	Microsoft Learn,fabric

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