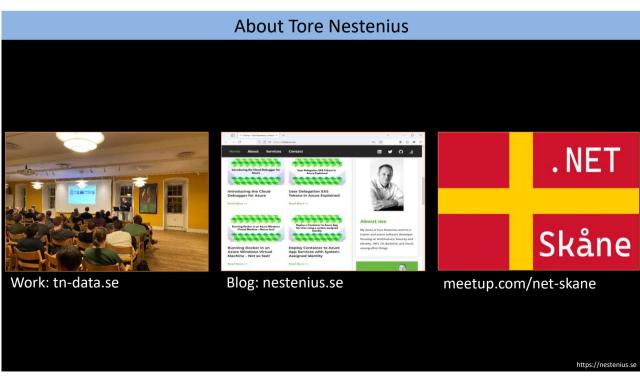
Passing the AZ-204 Azure developer certification the hard way

@ nestenius.se



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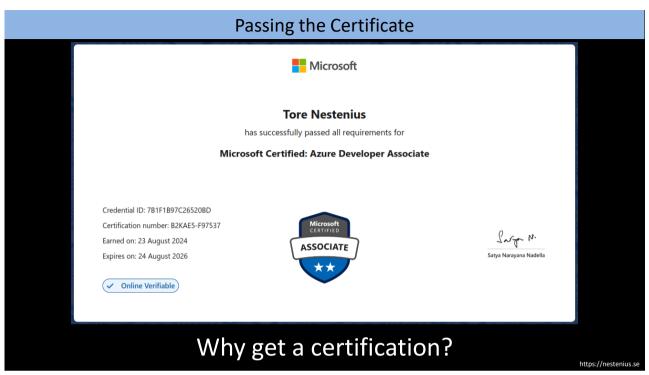
Based on my experience with AZ-204 in 2024

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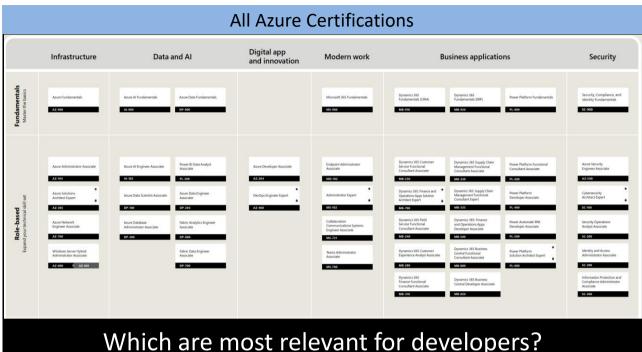
3

The Goal

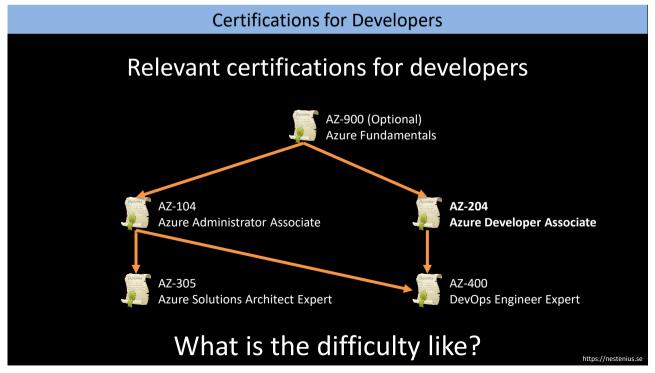
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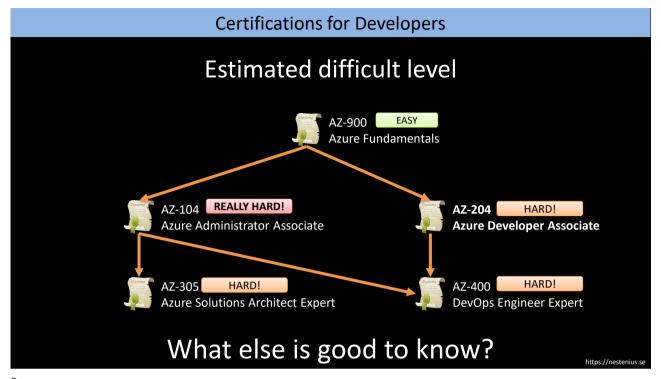


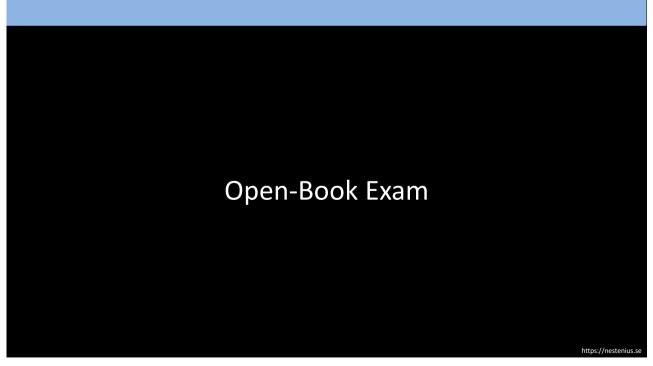




Which are most relevant for developers?





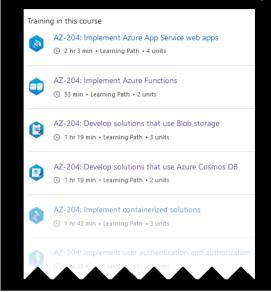




Microsoft Learn vs. In-Person Training

Microsoft Learn vs. In-Person Training

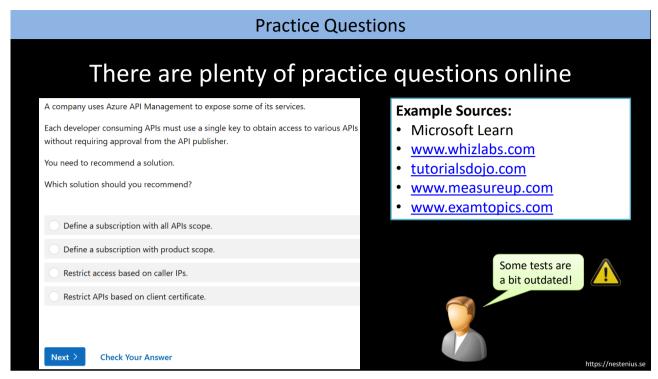
MS-Learn online is very similar to the classroom training





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Practice Questions





The Change Log

The certification scope changes from time to time

Skill area prior to July 21, 2025	Skill area as of July 21, 2025	Change
Audience profile		Minor
Develop Azure compute solutions	Develop Azure compute solutions	No % change
Implement containerized solutions	Implement containerized solutions	Minor
Implement Azure security	Implement Azure security	No % change
Implement secure Azure solutions	Implement secure Azure solutions	Minor
Connect to and consume Azure services and third-party services	Connect to and consume Azure services and third-party services	No % change
Implement API Management	Implement Azure API Management	Minor
Develop event-based solutions	Develop event-based solutions	Minor



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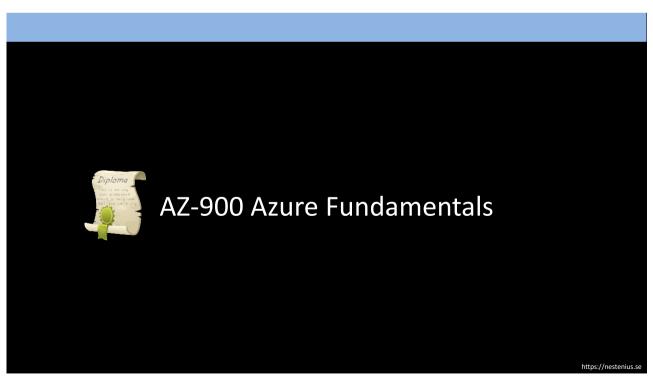
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Certification Communities

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Certification Communities r/AzureCertification on Reddit r/AzureCertification • 3 mo. ago r/AzureCertification • 2 days ago r/AzureCertification • 3 mo. ago ParkAcrobatic686 azor server Failed 204 ises on ms learn course. I did the practice test e exam so i bought the practice tests from Last day for the voucher, got kinda close m. scored 630 VMs and logic apps, which isnt a problem on one of the missing some stuff that took place of VMs Didnt do any practice tests except for the MS Learn ones. ication as a sts for this certificate? No prior cloud experience Please share the best resource for the certification. Had initially planned to clear it by december. Should I go ahead and prepare my self? ♦ 1 ♦ C Thanks in advance https://www.reddit.com/r/AzureCertification/ https://nestenius.se

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AZ-900 Azure Fundamentals

Getting the AZ-900 is a good starting point

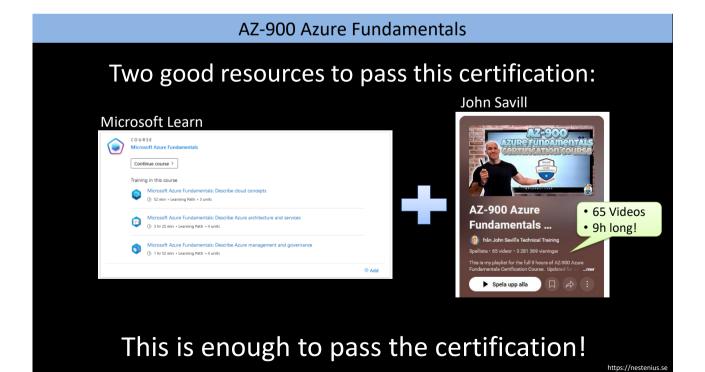


- Fairly easy
- Get the fundamentals of Azure
- · Get familiar with:
 - · How to study
 - MS-Learn
 - The certification process

What good study materials exist?

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AZ-204 Azure Developer Associate

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AZ-204 Azure Developer Associate

AZ-204 focuses on:



Cloud application development



Containerization and deployment



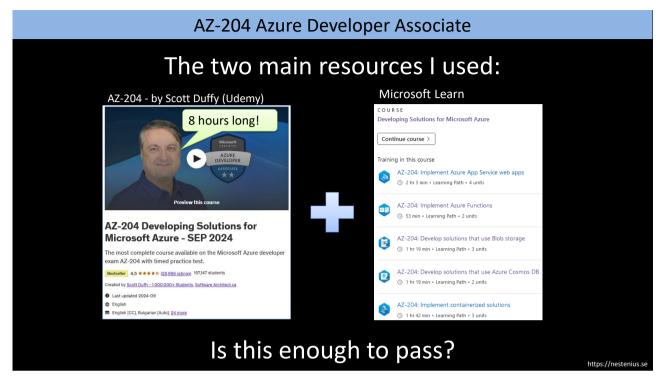
Authentication and Authorization

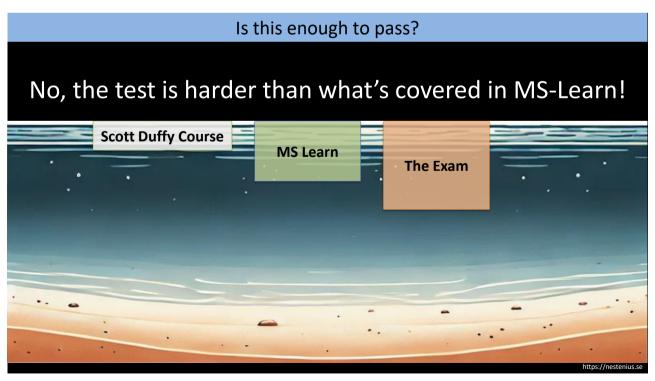


Service integration (Storage, Queues...)

Where to start the journey?

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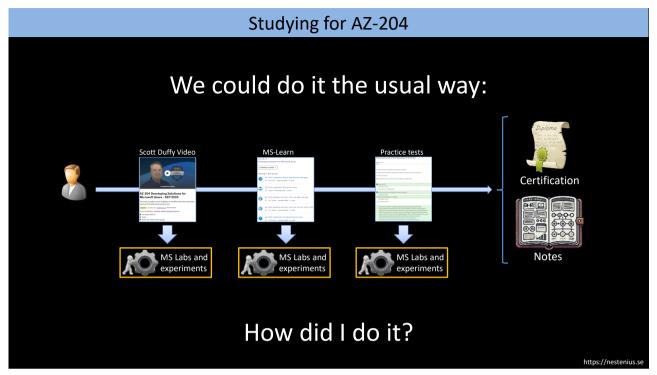
Studying for AZ-204 the hard way!

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LogoutPath

Azure SDKs API Gateway Content Delivery Network (CDN) Consistency Models (Strong, Eventual) OAuth Authorization Server Deployment Slots (App Service) Quotas and Throttling Azure App Service Application Insights Retry Pattern GitHub Actions IPsec A/B Testing Data Encr How are we going to learn all of this? Analytics Role-Based / Repos Azure DevOps Pipelines Service Principals Azure Kubernetes Service (AKS) Azure Portal SOAP Caching (Redis Cache) Application Insights Managed Identity Automatic Failover Groups Azure PowerShell Dependency Injection Azure Data Lake Storage Azure Event Grid JWT (JSON Web Token) CQRS (Command Query Responsibility Segregation) Diagnostic Settings Database Sharding Secrets Management Deployment Stages Continuous Deployment (CD) Continuous Integration (CI) Middleware Build Agents Visual Studio Code Serverless Computing Software as a Service (SaaS) Identity and Access Management (IAM) Azure File Storage Dead-letter Queue (DLQ) NoSQL Databases Circuit Breaker Pattern Shared Access Signature (SAS) Queue and Message TTL (Time-to-Live) Azure DevOps Sharding Autoscale Azure Boards Pub/Sub Pattern Distributed Tracing Azure Functions Azure Monitor OpenAPI/Swagger Data Replication (LRS, ZRS, GRS, RA-GRS) Azure Resource Manager (ARM) Azure Functions Core Tools Canary Release Azure Regions and Availability Zones REST API Azure Table Storage Partition Key Azure Blob Storage Azure Storage Explorer Azure Artifacts External Identity Providers Distributed Tracing Rollback Strategy Microservices Architecture Stateless and Stateful Services Azure Database for PostgreSQL Azure Database for MySQL API Versioning WebSockets Resource Throttling Azure Service Health Azure Cosmos DB Azure Relay Platform as a Service (PaaS) HTTP/HTTPS Rate Limiting Azure Key Vault TCP/IP Azure Notification Hubs OData SQL Elastic Pools Azure API Management Azure Queue Storage Durable Functions Geo-replication Multi-Factor Authentication (MFA) Azure SignalR Service Azure Container Instances (ACI) Resource Groups Azure Logic Apps Retry Policies Azure SQL Managed Instance Policies (XML-based policy configuration) Blue-Green Deployme ption API Gateway Pattern OAuth 2.0 What are our options? ervice Bus Serverless Orchestration Azure Monitor Logs Hot, Cool, and Ar Managed Identity Authentication App Service Plan Azure Function Triggers and Bindings Connection Strings Continuous



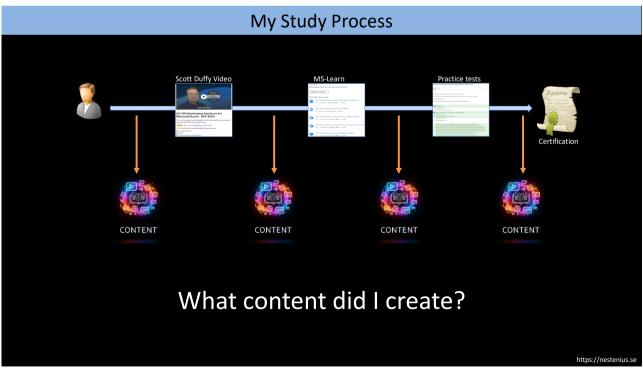
My Philosophy for Learning

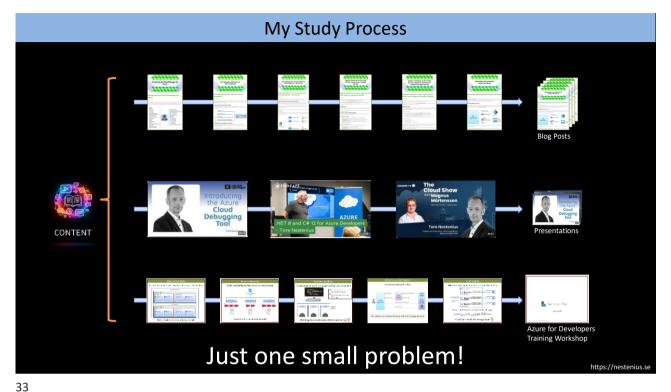
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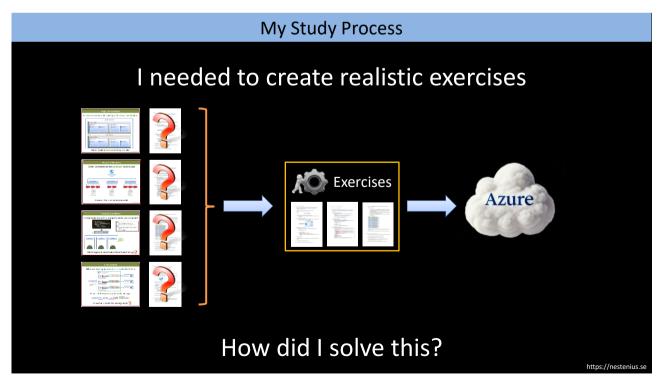
My Philosophy for Learning

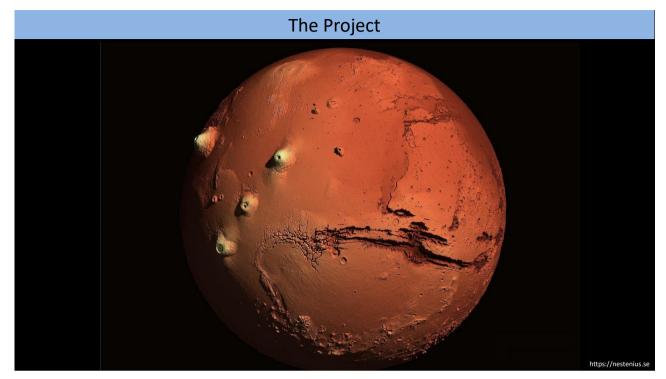
You don't really understand it until you can explain it!



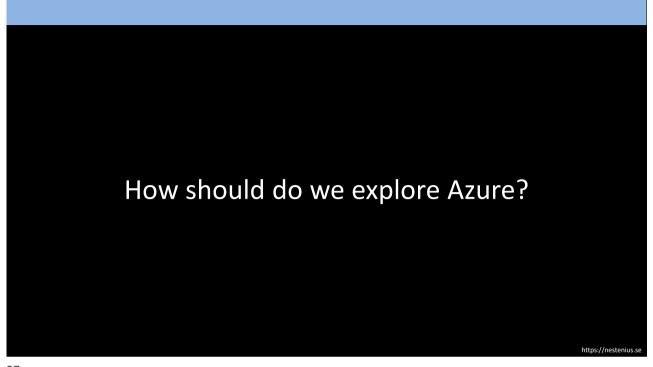






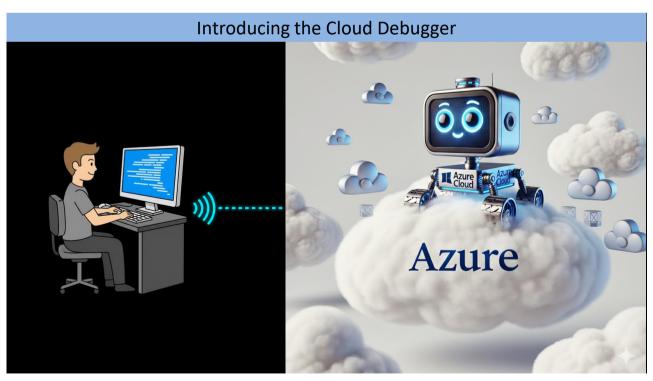






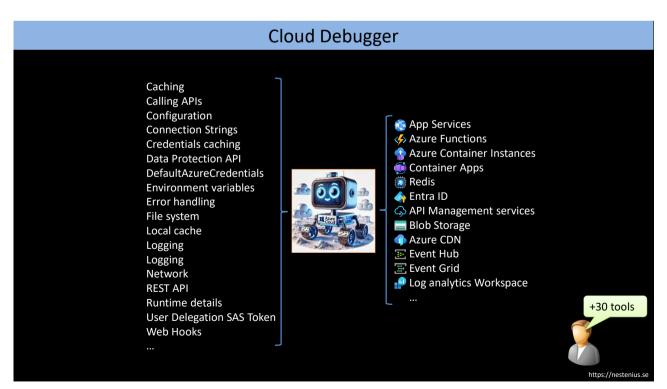
OMG!!? Azure

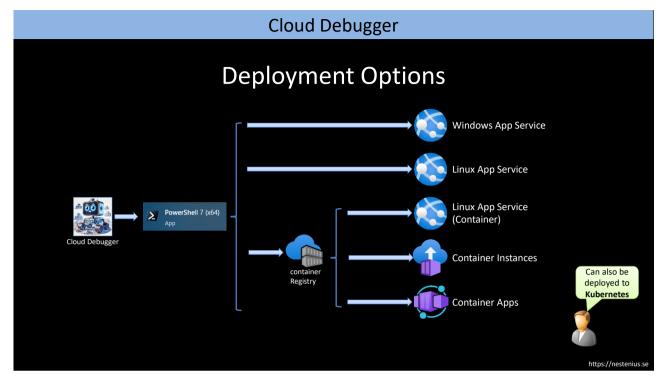


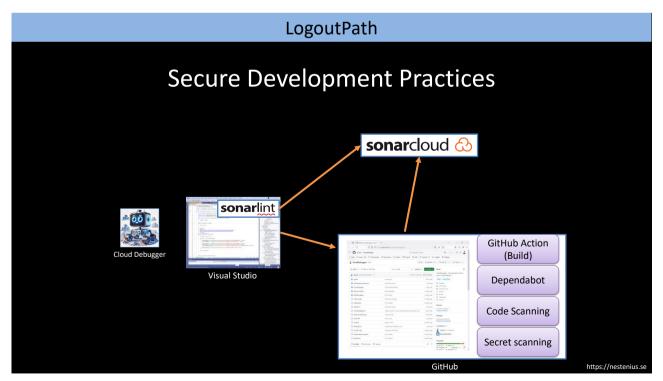


What can it do?

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Call to Action

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Call to Action Explore the Cloud Debugger Project Contribute to the project Teach and mentor others Get the certification Have fun!

The End

QUESTIONS?



Project: github.com/tndata/CloudDebugger

Presentation: github.com/tndataab/PublicBlogContent

Blog: <u>nestenius.se</u> Training: <u>tn-data.se</u>s

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