

Schedule



08:00

-

08:30

Introduction

Who is digatus

Goals of the exercise

Azure in a nutshell

08:30

-

09:30

Hands-On I

Technical setup

Resource creation

-- Pause --

09:50

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11:00

Hands-On II

Intro of the programming part Coding the website and API

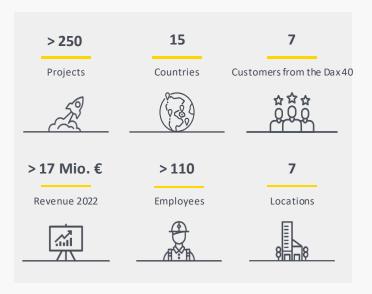
Rest

Interview & Questions

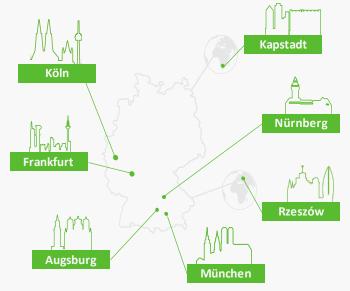
digatus IT group



Facts



Standorte



Organisation



digatus technology GmbH digatus it consulting GmbH

MAxpertise GmbH



Daniel Bäumler



Patrick Streit



Portfolio

IT Mergers & Acquisitions (M&A)

- Due diligence
- Contract & License management
- Carve-Out & Integration

Project Excellence

- Program & Project lead
- Project management office (PMO)
- Transition & Change management
- Digitalization & Process optimization

Cloud Strategy & Operations

- Public & Private Cloud
- Workplace-as-a-Service
- SAP

IT Services & Operations

- Service Desk
- Network & Security
- VIP & Onsite support

Software Development

- (Process-) Digitalization
- Agile software developement
- Application management
- NVIDIA preferred partner

Branchen, die uns bewegen





Lösungen für **Buy out, Restrukturierung** und **Venture Invest**



Bewältigung von **globalen IT-Herausforderungen** im internationalen Wettbewerb



Umfassende Expertise in

Digitalisierungs- & Zukunftsprojekten zur
Innovationssteigerung



Konzeption und Umsetzung von **Digitalisierungs- und IT-Projekten** in städtischen Organisationen



Technologische Antworten auf Fragen des **demographischen Wandels**



Weiterentwicklung der Pflege- und Gesundheitsinfrastruktur durch Patientenzentrierung

Prerequisites

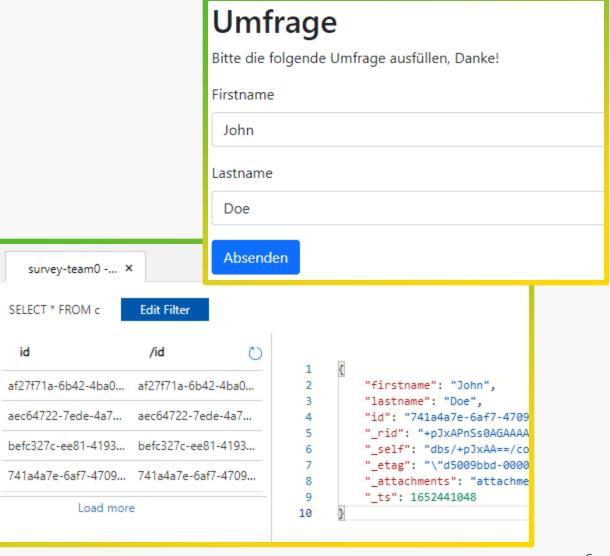


- <u>Node.js 18.x</u>
- Visual Studio Code
- VS Code Azure Functions Extension
- Azure Functions Core Tools
- <u>Code</u>

Exercise Goal

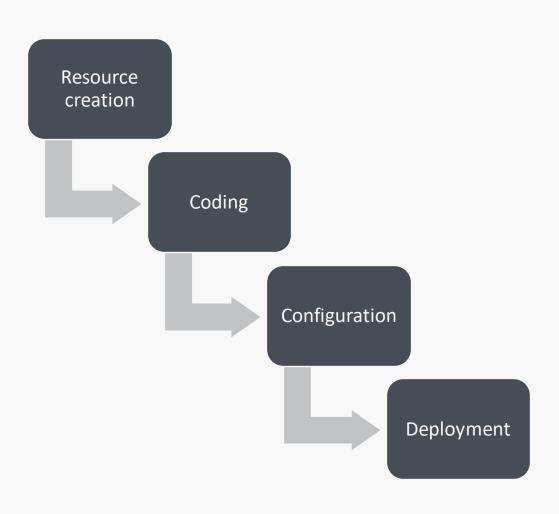


- Context Surveys
- Goal Conduct surveys and store answers in a database
- Objectives Use Public Cloud (Microsoft Azure)
 Support text fields
 Write results to database
- Optional Add support for further datatypes
 Add validation



A 4-step process





hochschule@digatus.com

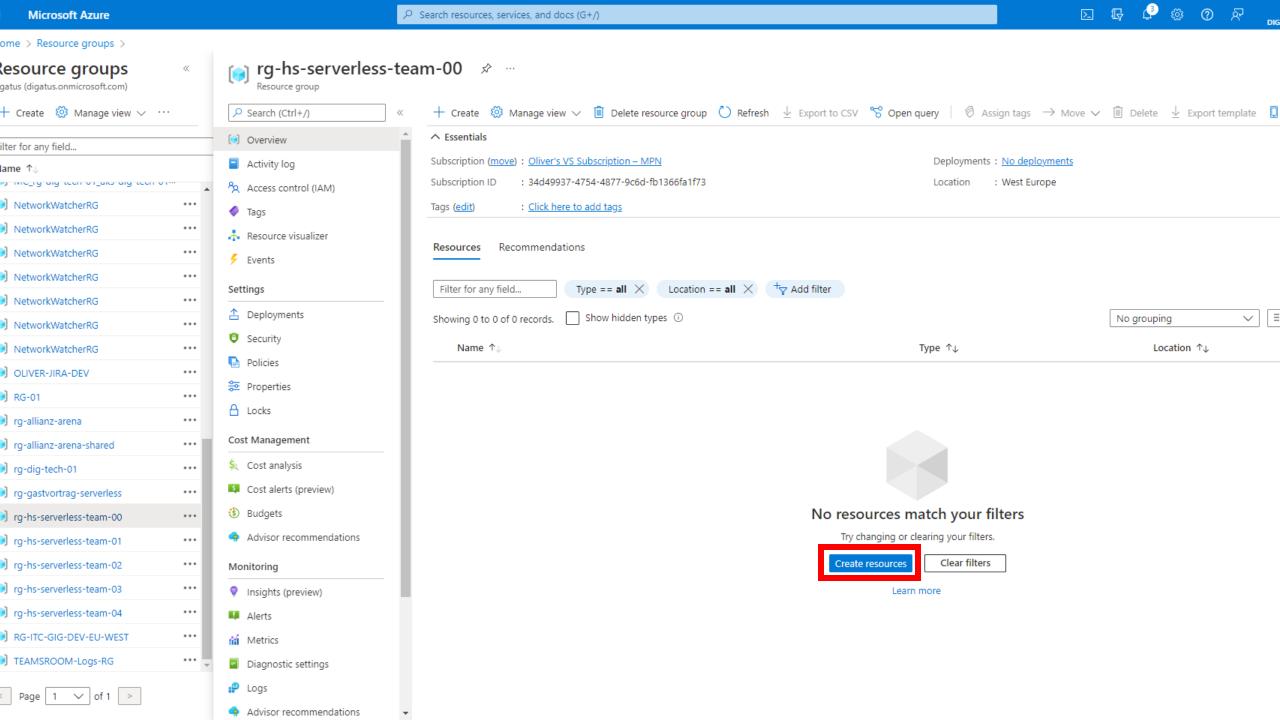
Gastvortrag29.05.2024!





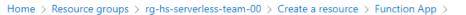
Everything we have done.











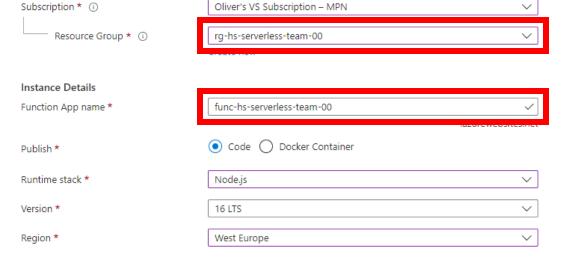
Create Function App

Basics Hosting Networking Monitoring Tags Review + create

Create a function app, which lets you group functions as a logical unit for easier management, deployment and sharing of resources. Functions lets you execute your code in a serverless environment without having to first create a VM or publish a web application.

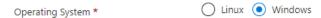
Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.



Operating system

The Operating System has been recommended for you based on your selection of runtime stack.



Plan

The plan you choose dictates how your app scales, what features are enabled, and how it is priced. Learn more



Home > Resource groups > rg-hs-serverless-team-00 > Create a resource > Function App >

Create Function App

Hosting Networking Monitoring Review + create

Summary



Details

34d49937-4754-4877-9c6d-fb1366fa1f73 Subscription

Resource Group rg-hs-serverless-team-00 func-hs-serverless-team-00 Name

Node.js 16 LTS Runtime stack

Hosting

Storage (New)

rghsserverlessteam0b1be Storage account

Plan (New)

Consumption (Serverless) Plan type ASP-rghsserverlessteam00-976e Name

Operating System Windows Region West Europe Dynamic SKU

Monitoring (New)

Application Insights Enabled

func-hs-serverless-team-00 Name

West Europe Region

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Download a template for automation









Create a storage account

Networking Data protection Encryption Tags Review + create Advanced

Project details

Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription *	Oliver's VS Subscription – MPN	~
Resource group *	rg-hs-serverless-team-00	~
	A DESCRIPTION	

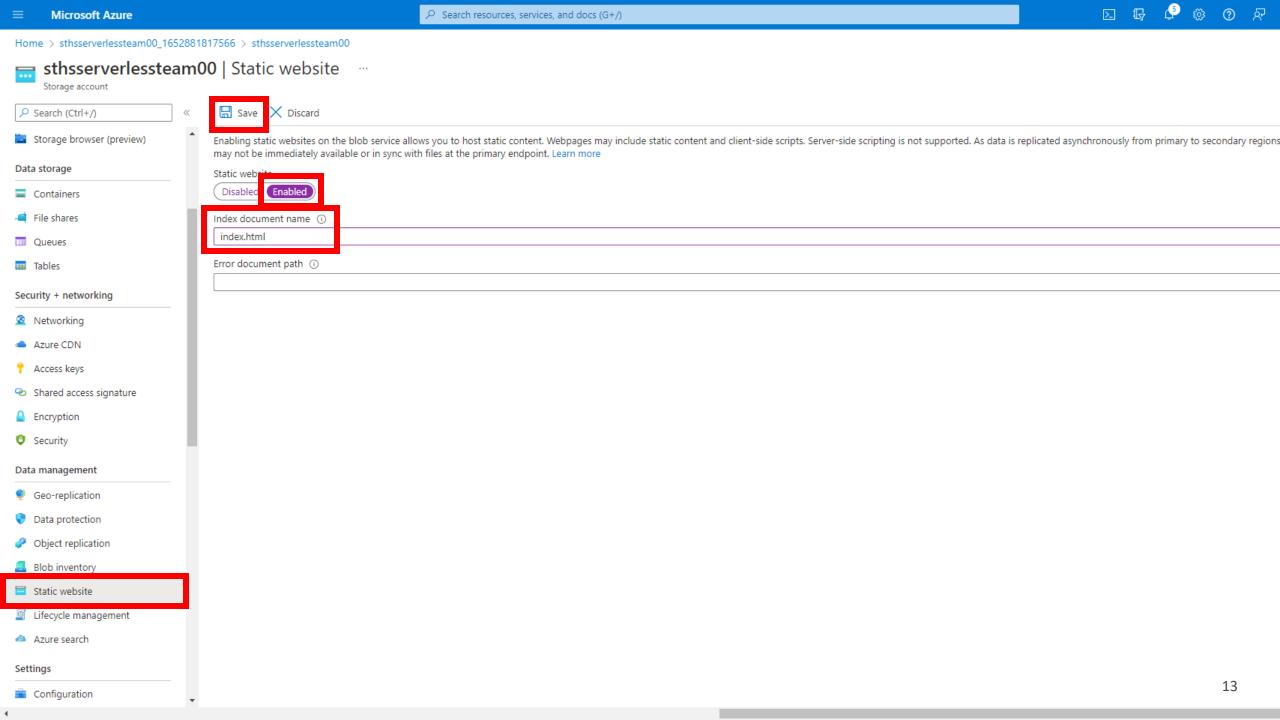
Instance details

If you need to create a legacy storage account type, please click here.

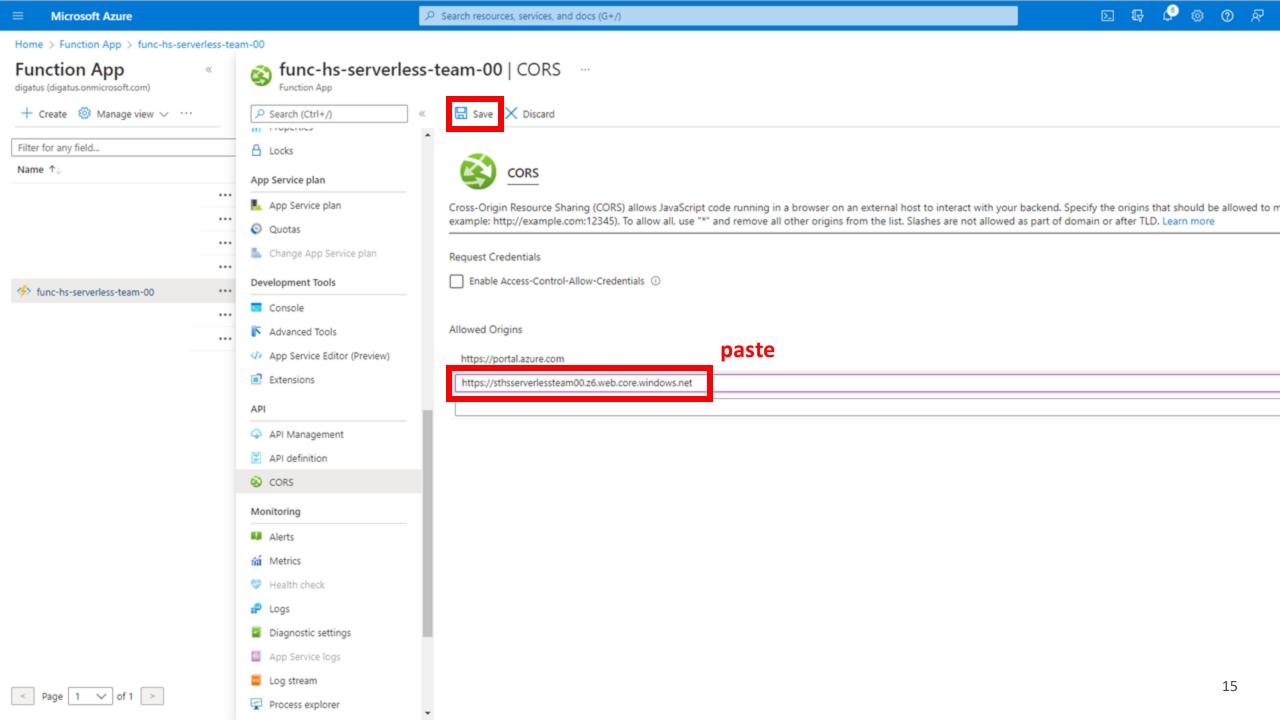
Storage account name (i) *	sthsserverlessteam00	
Region ① *	(Europe) West Europe	
Performance ① *	Standard: Recommended for most scenarios (general-purpose v2 account) Premium: Recommended for scenarios that require low latency.	
Redundancy (i) *	Locally-redundant storage (LRS)	

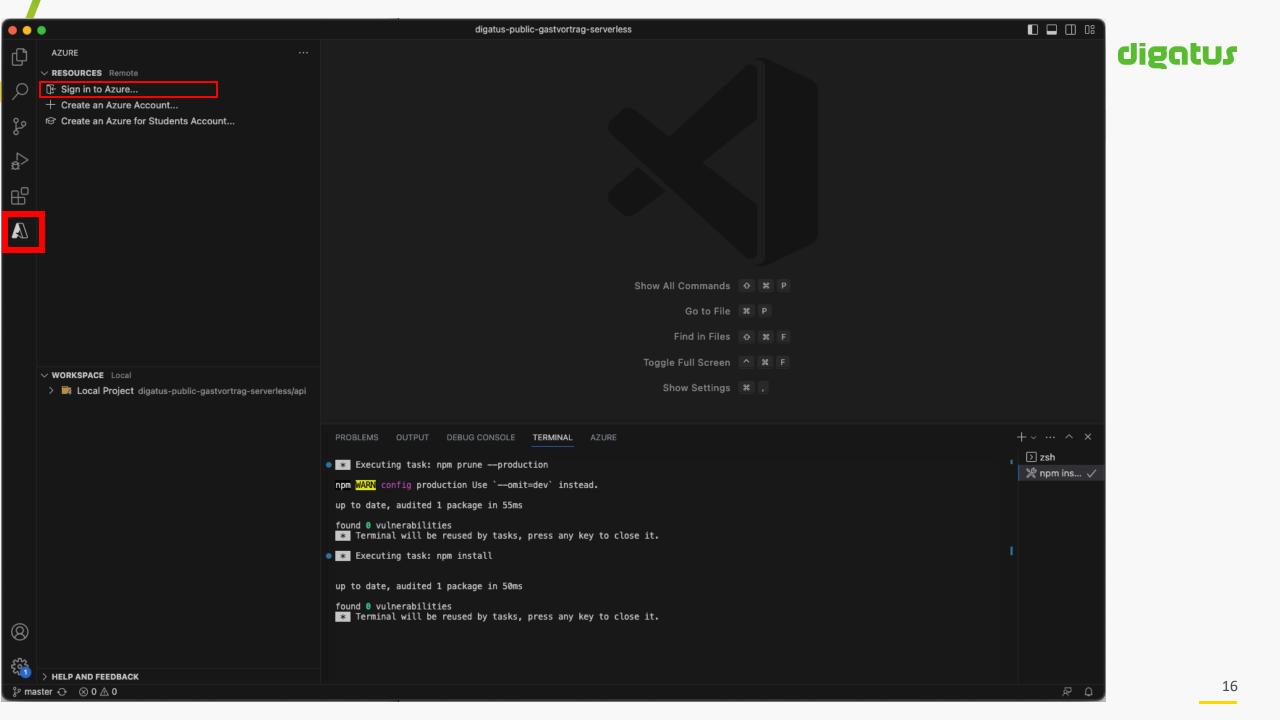


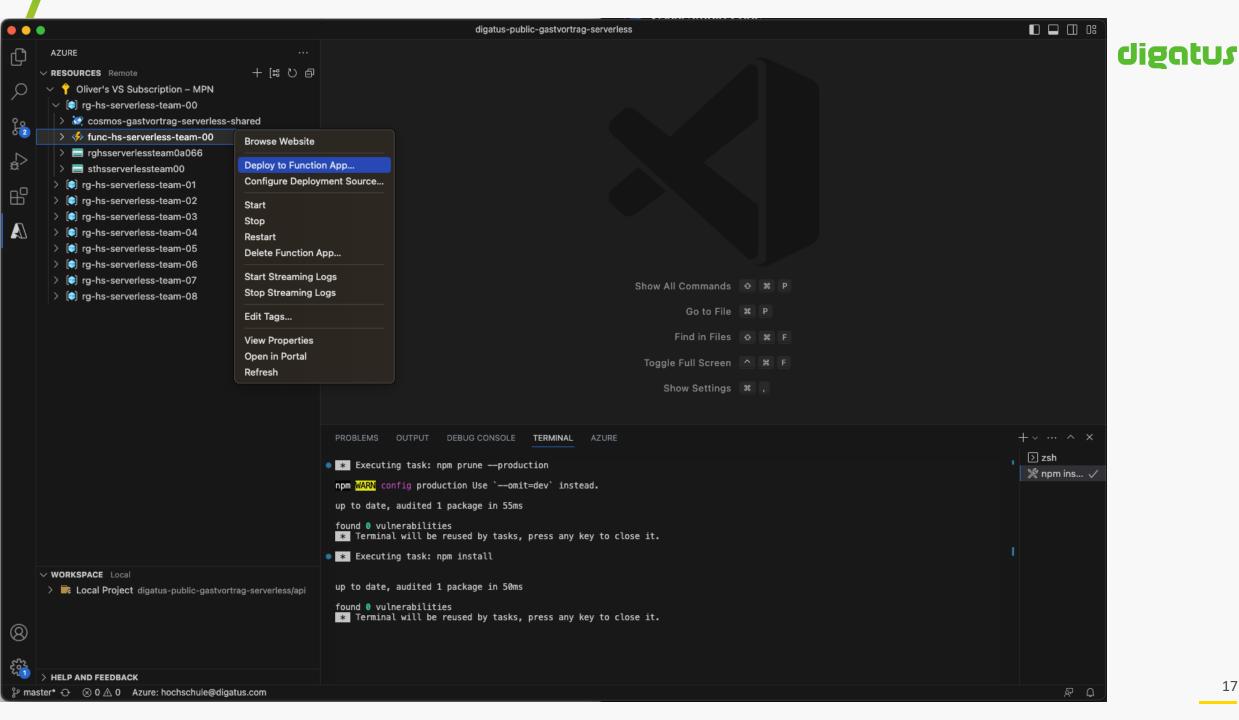


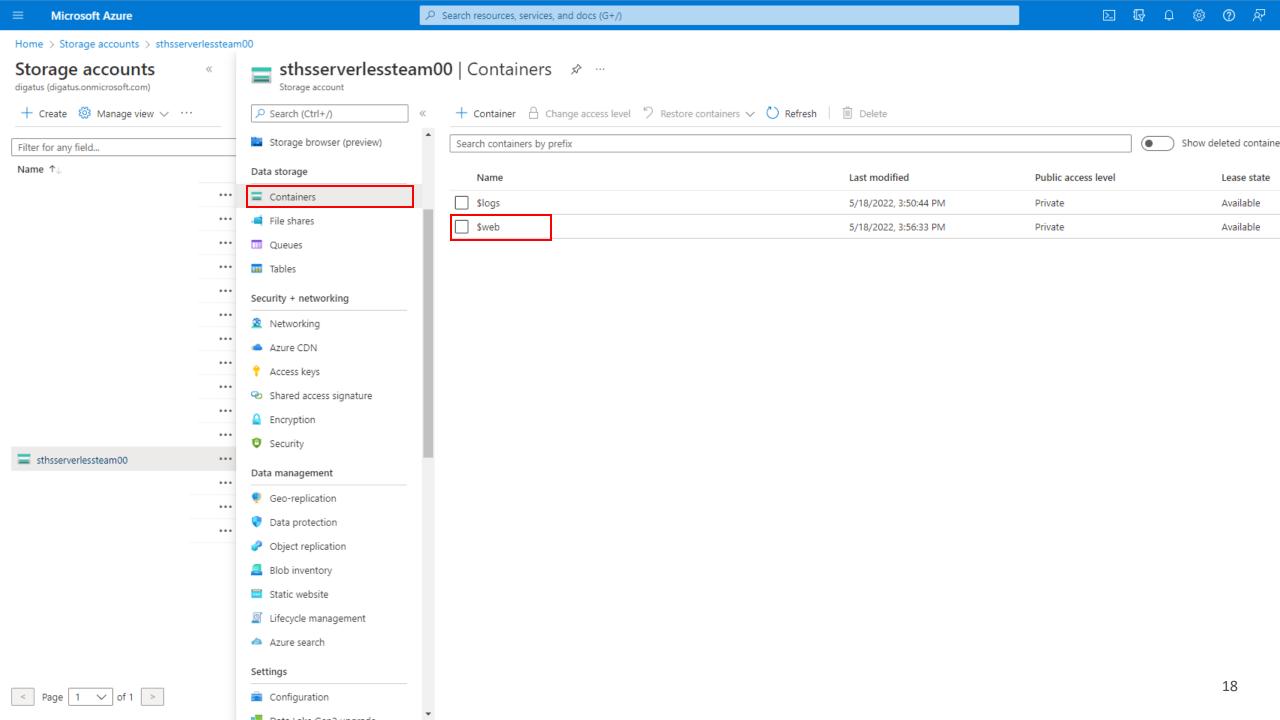


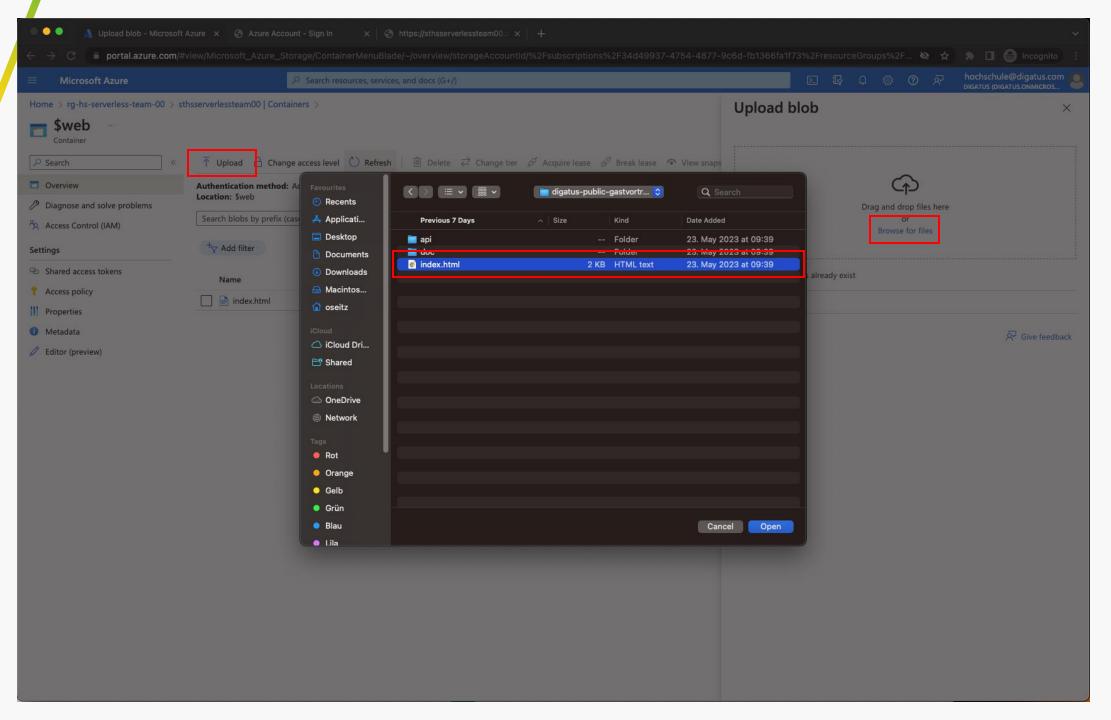
Configuration



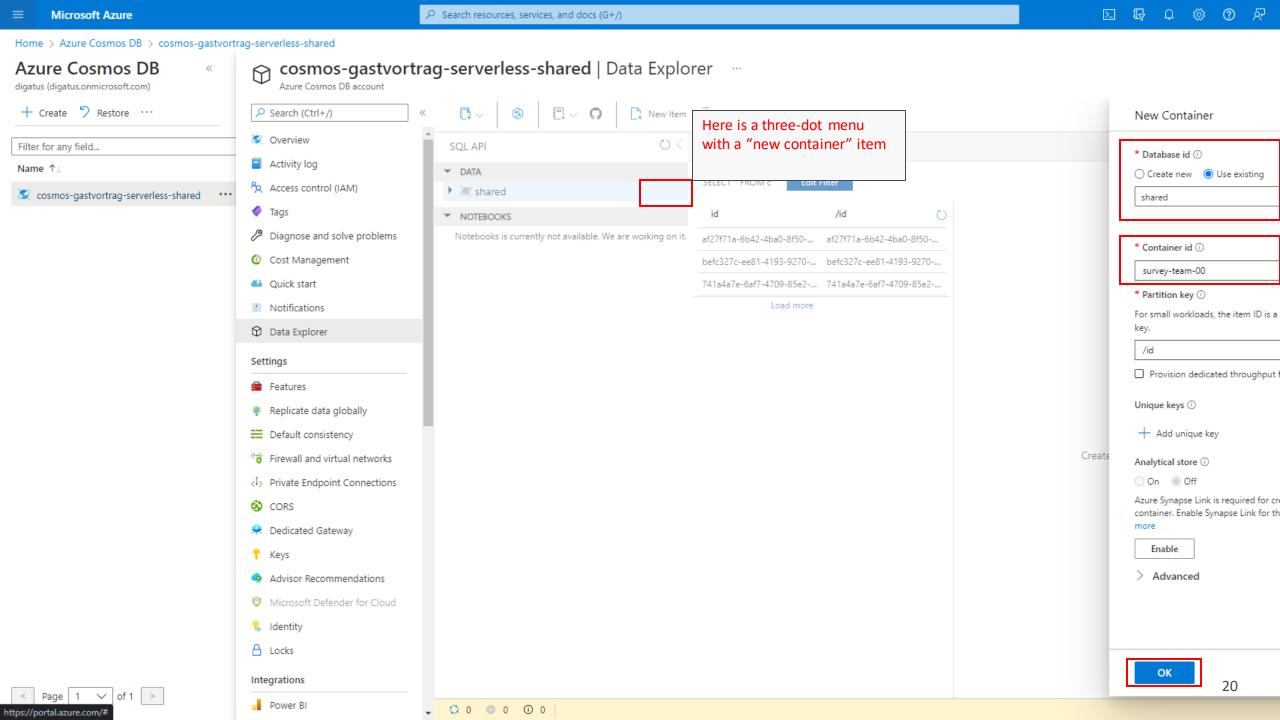


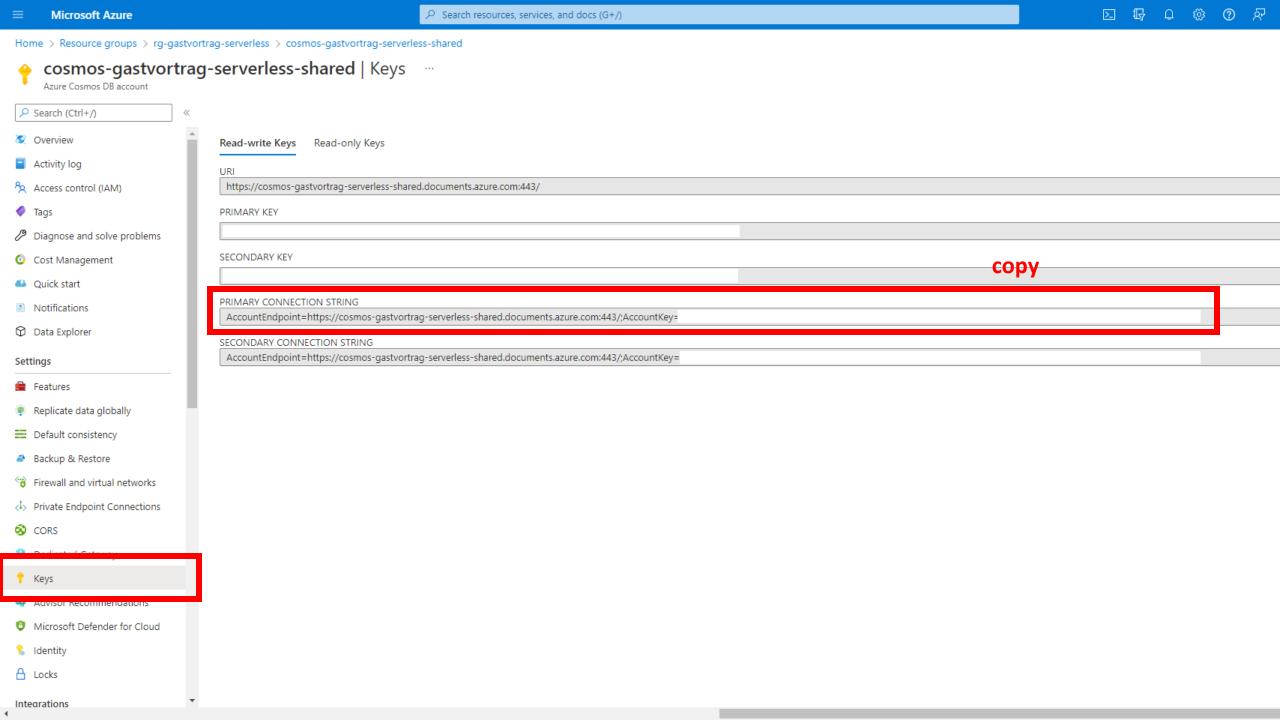


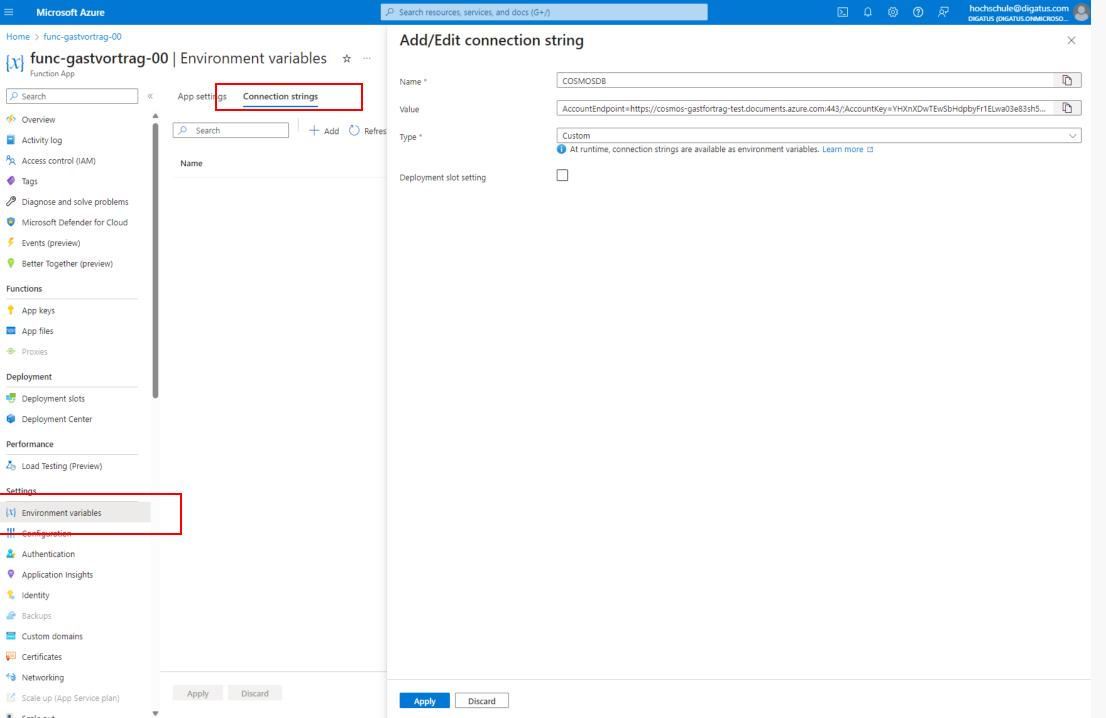




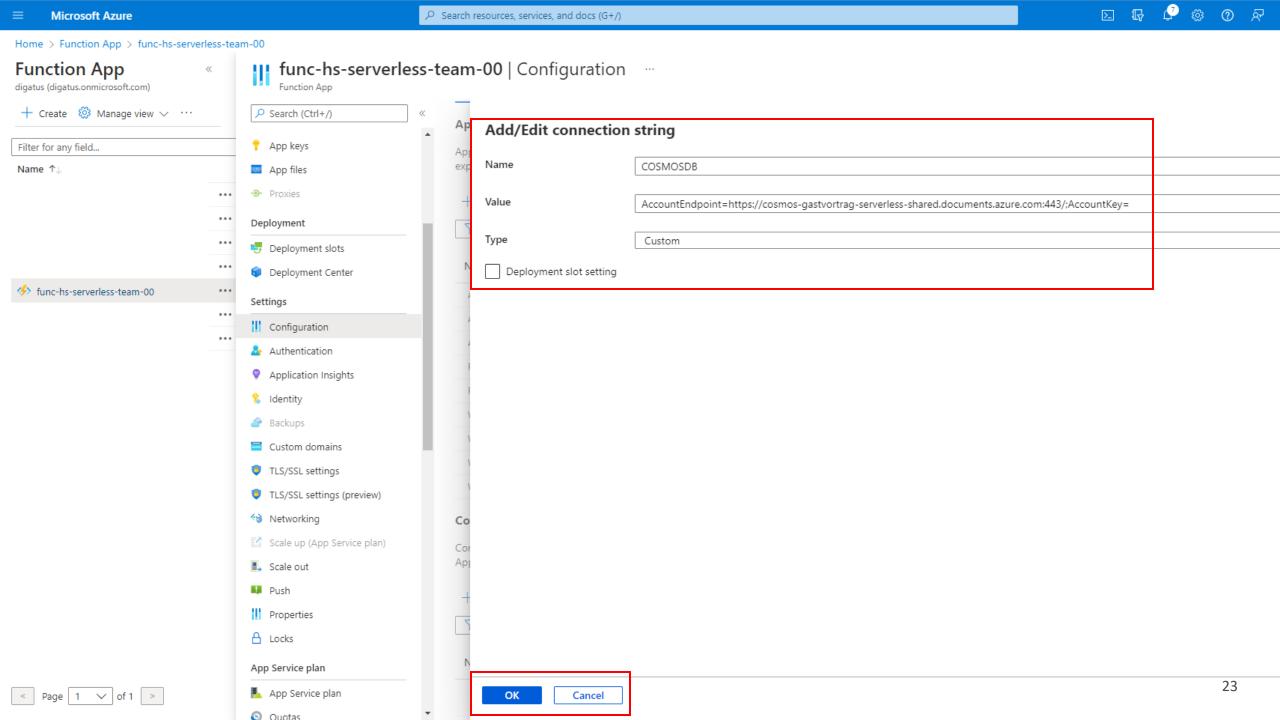














IT Security?

Public / Private Cloud?

CoPilot in Azure?

Privacy?

Pricing, is Serverless too expensive?

Just a Hype?

Use Cases?

Best Practices?

Guest Lecture – Serverless

Contact



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