Elkhan Yusubov

Speaker | Author | Architect
Founder at #CloudMarathoner

  @ElYusubov

Elkhan is a Director of Cloud & Infrastructure, and an Architect Manager, a Microsoft Azure MVP and 18x MCT with experience in cloud solutions, enterprise healthcare systems and data, and API standards (HL7 FHIR, EDI X12).
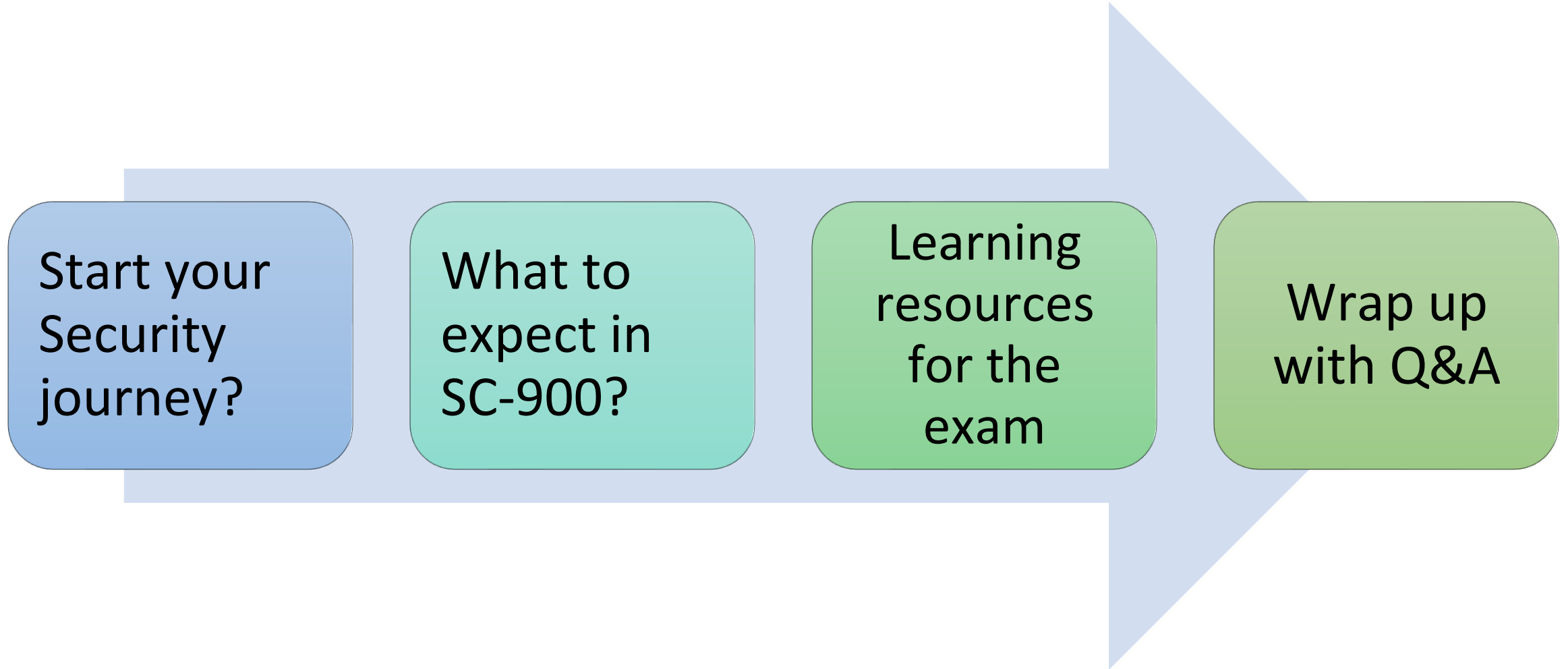
He is an active Microsoft Tech Community Contributor, Cloud Lunch and Learn Co-organizer, Learn Expert and MCT Community Lead, and as well as a LinkedIn instructor with interests in Architecture, DevOps & Security.

He is a frequent speaker at tech meetups and has volunteered for Give Camps, Microsoft Community Days, Code camps, Azure Data Fest, SQL Saturdays, Global Azure and Microsoft community events, like this one.

And please, checkout his blog posts at Cloud Marathoner site below.

https://theCloudMarathoner.com 🌥️ 🏃 🏃‍♀️

What we will cover

Start your Security journey?

What to expect in SC-900?

Learning resources for the exam

Wrap up with Q&A

What we do; where we do it

☐ **IT Engineering Services**

Agile Transformation
Cloud Adoption &
  Infrastructure Optimization
Cybersecurity
Data Engineering & Analytics

☐ **Customer Experience**

Technology Adoption
Release Management
Communications Management
Change Management

☐ **Health IT**

EHR Strategy & Management
HIPAA Compliance
Healthcare System Integration & Testing
Patient Experience Enhancement

Defense Health Agency

ICE

Intel Community

USAF

US TRANSCOM

DISA
Defense Information Systems Agency

GSA
General Services Administration

Education

IRS
Treasury

United States® Census Bureau

Company Info

- **Established:** 1999
- **Legal Structure:** LLC
- **Headquarters:** Bethesda, MD
- **SDVOSB Joint Ventures**
- **CMMI-DEV & SVC Level 3 v2.0**
- **ISO 9001; ISO27001; ISO20000**

Prime Vehicles/BPAs:
- GSA MAS HACS SIN
- GSA MAS Cloud SIN
- GSA MAS IT Svcs SIN
- COBRA OTA
- CIO-SP3 Small Business
- 8(a) STARS III via MPJV
- GSA MAS HACS SB & Cloud SIN SB via MPJV

Silver
Microsoft Partner
Silver Datacenter
Silver Data Analytics
Silver Data Platform
Silver App Dev
Silver App Integration

aws partner network
Select
Consulting Partner

bsi

CMMISVC /3
CMMIDEV /3

TOP WORK PLACES 2023-2024
The Washington Post

Top **Cloud** Vendor
2017-2019
GovWin Federal Market

#1 Bloomberg Government
Government **Cloud** Support Services
PROVIDER 2016-21

T-REX Cares   T-Rex has donated **over $3.5M** in support of underserved youth, veterans, and local organizations.

T-REX

Where to start your Security Journey?

- Starting with fundamentals

- Focusing on your role

- Focusing on environment

Microsoft

SC-900
▸ Microsoft Security, Compliance, and Identity Fundamentals

AZ-500
▸ Microsoft Azure Security Technologies

★★ Associate

SC-200
▸ Microsoft Security Operations Analyst

★★ Associate

SC-300
▸ Microsoft Identity and Access Administrator

★★ Associate

SC-400
▸ Microsoft Information Protection Administrator

★★ Associate

SC-100
▸ Microsoft Cybersecurity Architect

★★★ Expert

What to expect in SC-900?

Describe the concepts of security, compliance, and identity | 10-15%

Describe the capabilities of Microsoft Entra | 25-30%

Describe the capabilities of Microsoft security solutions | 25-30%

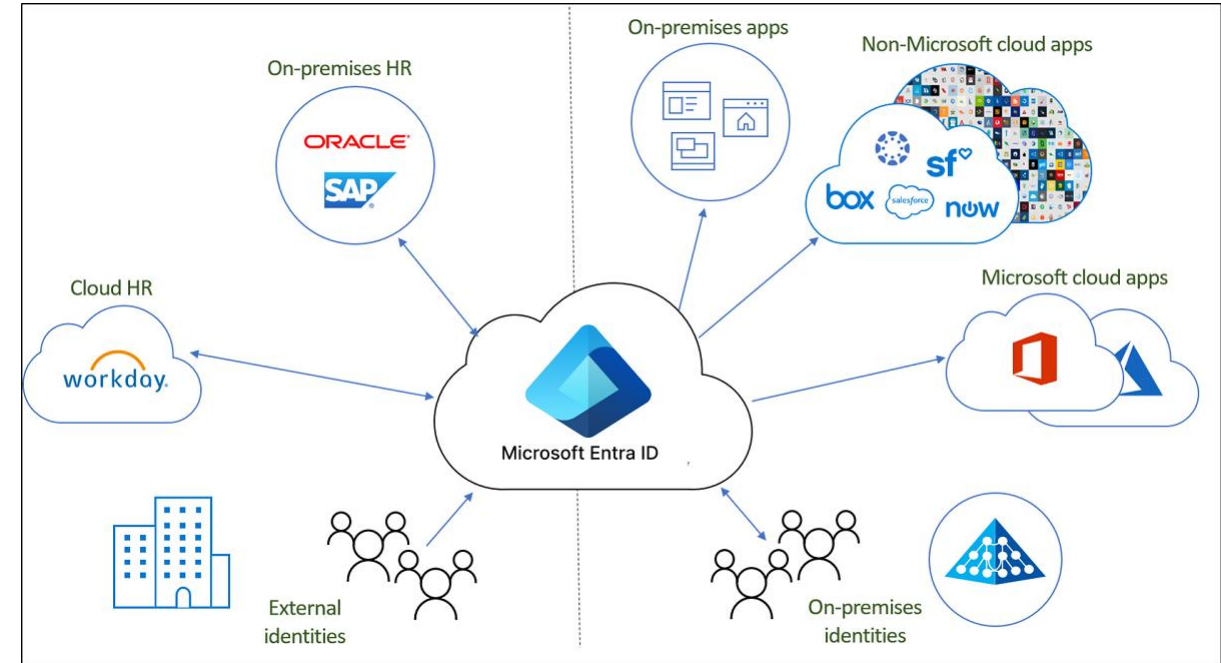Describe the capabilities of Microsoft compliance solutions | 25-30%

Describe the concepts of security, compliance, and identity

- Defense in depth security model

- Zero trust model

- Basic compliance concepts

- Encryption and hashing

- Authentication and Authorization

- Identity as a security perimeter
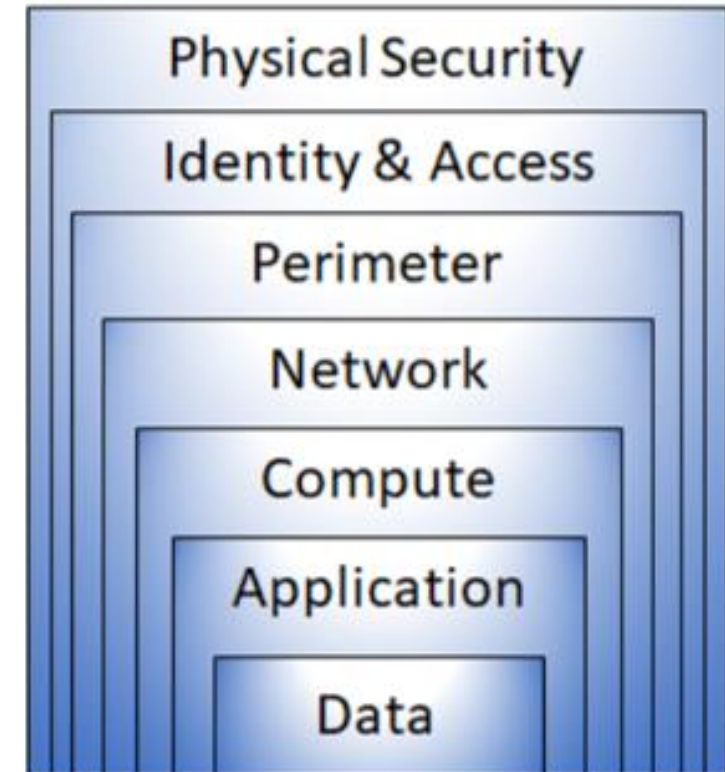
Describe the capabilities of Microsoft Entra

- Function and identity types

- Authentication capabilities

- Access management capabilities

- Identity protection and governance capabilities

Describe the capabilities of Microsoft security solutions

- Core infrastructure security services in Azure

- Security management capabilities of Azure

- Capabilities of Microsoft Sentinel

- Threat protection with Microsoft Defender XDR
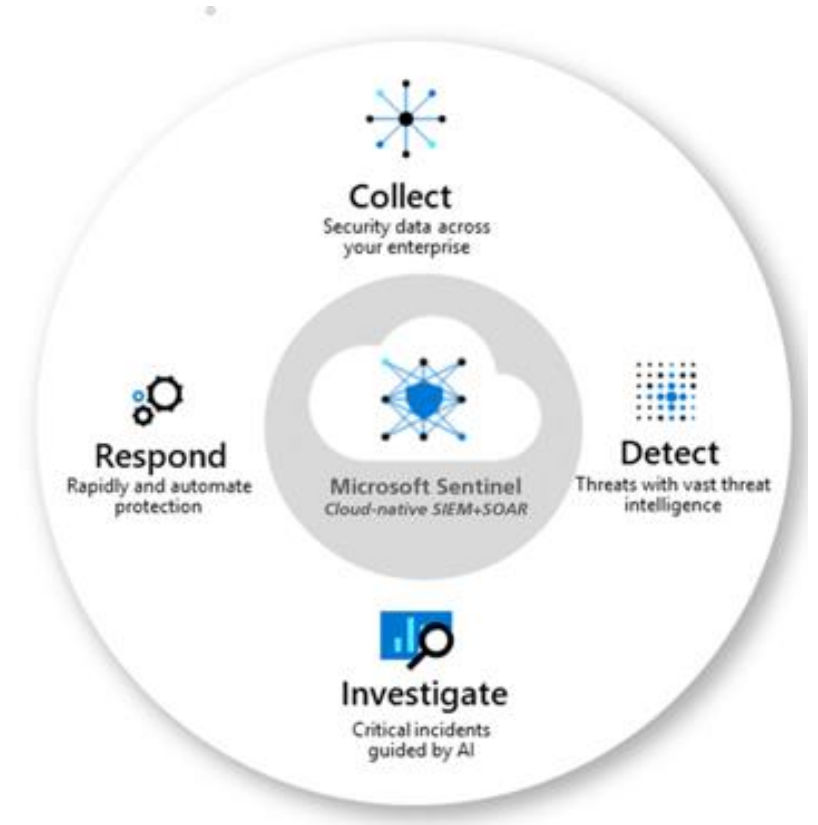
Describe the capabilities of Microsoft compliance solutions

- Service Trust portal and privacy capabilities

- Compliance management capabilities in Microsoft Purview

- Insider risk capabilities in Microsoft Purview

- eDiscovery and audit capabilities

- Other capabilities in Microsoft Purview
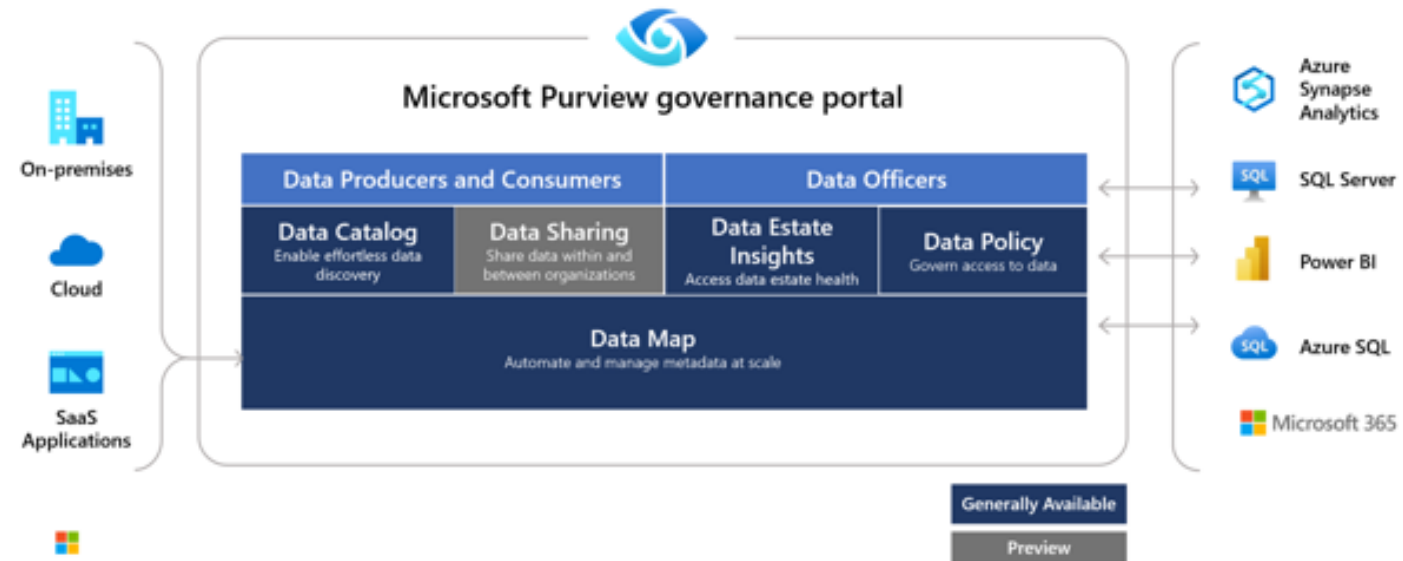
Microsoft security product portfolio
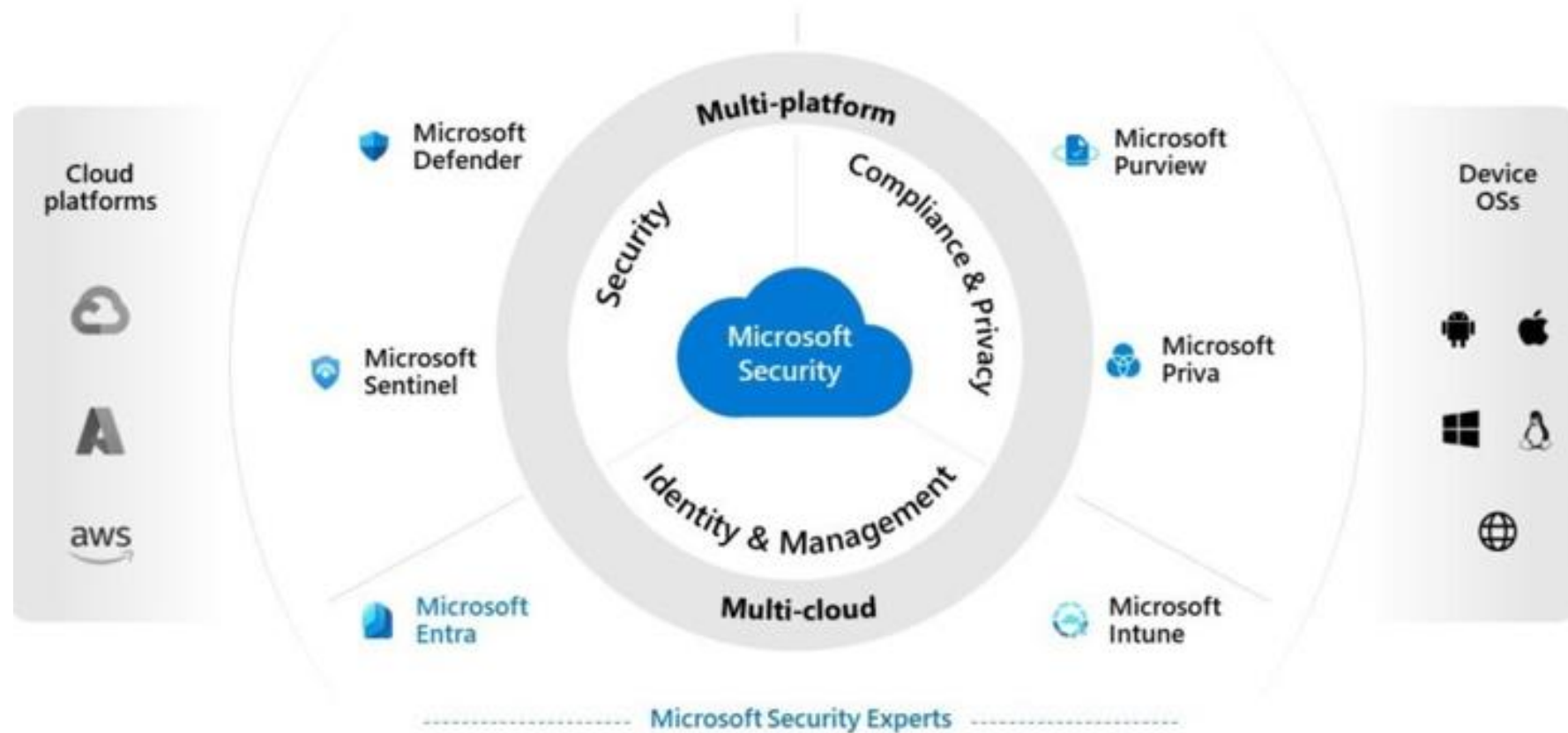
Applied Skills – hands on practices

Filter

Clear all

Products

| Find a product |

- ⌄ ☐ .NET
- ⌄ ☐ Azure
  - ☐ Microsoft Copilot
- ⌄ ☐ Microsoft Defender
- ⌄ ☐ Microsoft Entra
  - ☐ Microsoft Fabric
  - ☐ Microsoft Graph
- ⌄ ☐ Microsoft Power Platform
  - ☐ Microsoft Teams

Roles

- ☐ Administrator
- ☐ AI Engineer
- ☐ App Maker
- ☐ Data Analyst
- ☐ Data Engineer

| Search | 🔍 Search |

[Applied Skills ✕]

27 results

Sort by: **Alphabetical (A-Z)** ⌄

APPLIED SKILLS

Administer Active Directory Domain Services

Windows • Administrator • Intermediate

⊕ Add

APPLIED SKILLS

Build a natural language processing solution with Azure AI Language

Azure • AI Engineer • Intermediate

⊕ Add

APPLIED SKILLS

Build an Azure AI Vision solution

Azure • Developer • Intermediate

⊕ Add

APPLIED SKILLS

Build collaborative apps for Microsoft Teams

Microsoft Teams • Developer • Intermediate

⊕ Add

APPLIED SKILLS

Configure SIEM security operations using Microsoft Sentinel

Azure • Security Engineer • Intermediate

⊕ Add

APPLIED SKILLS

Configure secure access to your workloads using Azure networking

Azure • Administrator • Intermediate

⊕ Add

APPLIED SKILLS

Create an intelligent document processing solution with Azure AI Document Intelligence

Azure • Developer • Intermediate

⊕ Add

APPLIED SKILLS

Create and manage automated processes by using Power Automate

Microsoft Power Platform • Administrator • Intermediate

⊕ Add

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Learning resources for SC-900 exam

- [Microsoft Learn modules](#)

- [Exam Simulator](#)

- [Free Practice Exam](#)

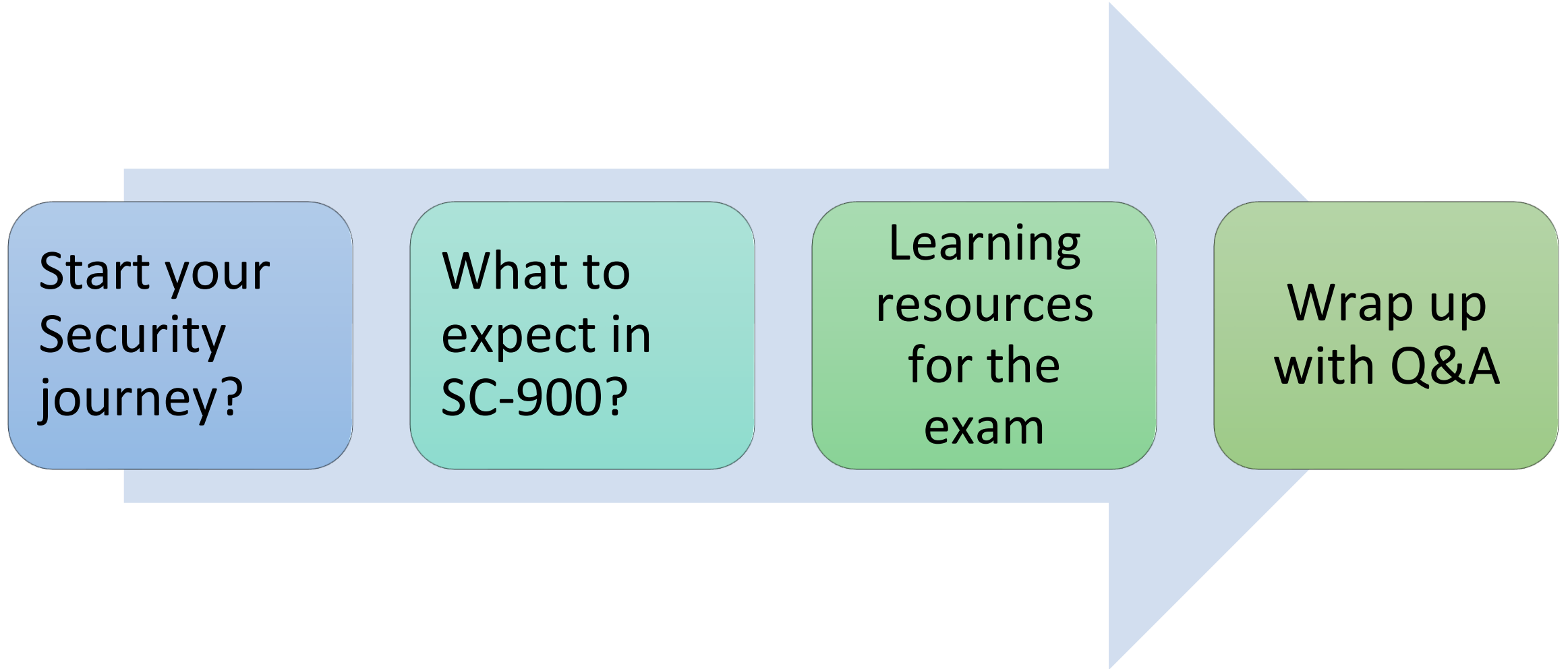- [Pete Zerger - SC-900 Exam Cram -
2024 Edition (Full Course)](#)

Azure always free resources

- Azure free subscription

- Always free 40+ services

What we covered

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What is next?

#Microsoft SC-900 Exam details

MS Learn modules on SC-900

Thank you !

lunch & learn

Elkhan Yusubov
Speaker | Author | Cloud Architect
Founder at #cloudmarathoner

https://cloudlunchlearn.com

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