

Break into Identity Management with Azure

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Ken Myers @IDMKen

- Principal Architect Identity, SAIC
- Communications Director, ISACA GWDC
- Virginia Local
- Former Marine and current Dad
- Learn something new everyday, meet someone new everyday, help someone everyday



Agenda

1. Why Identity Management?
2. What is it?
3. My Journey
4. Hands-on

<https://docs.microsoft.com/en-us/learn/modules/create-users-and-groups-in-azure-active-directory/3-exercise-add-delete-users-azure-ad>

Why is Identity Management Important?

“Ensure access is granted to the right person, at the right time, to the right resource, for the right reason.”

Exam Topics

- Security+ | 16%
- CISSP | 13%

28 Wawa Breach May Have Compromised More
JAN 20 Than 30 Million Payment Cards

Nintendo says 160,000 accounts were hacked in security breach

Marriott Hacked: Security Breach and Data Compromised



Save



Comments: 0

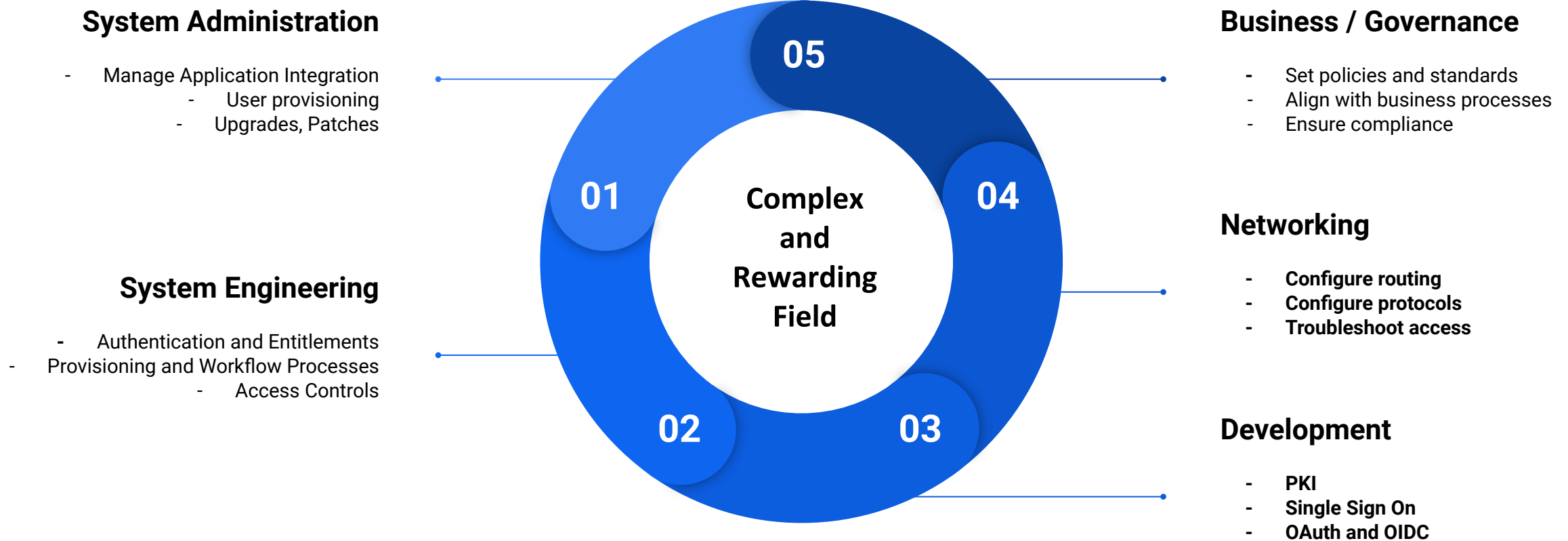


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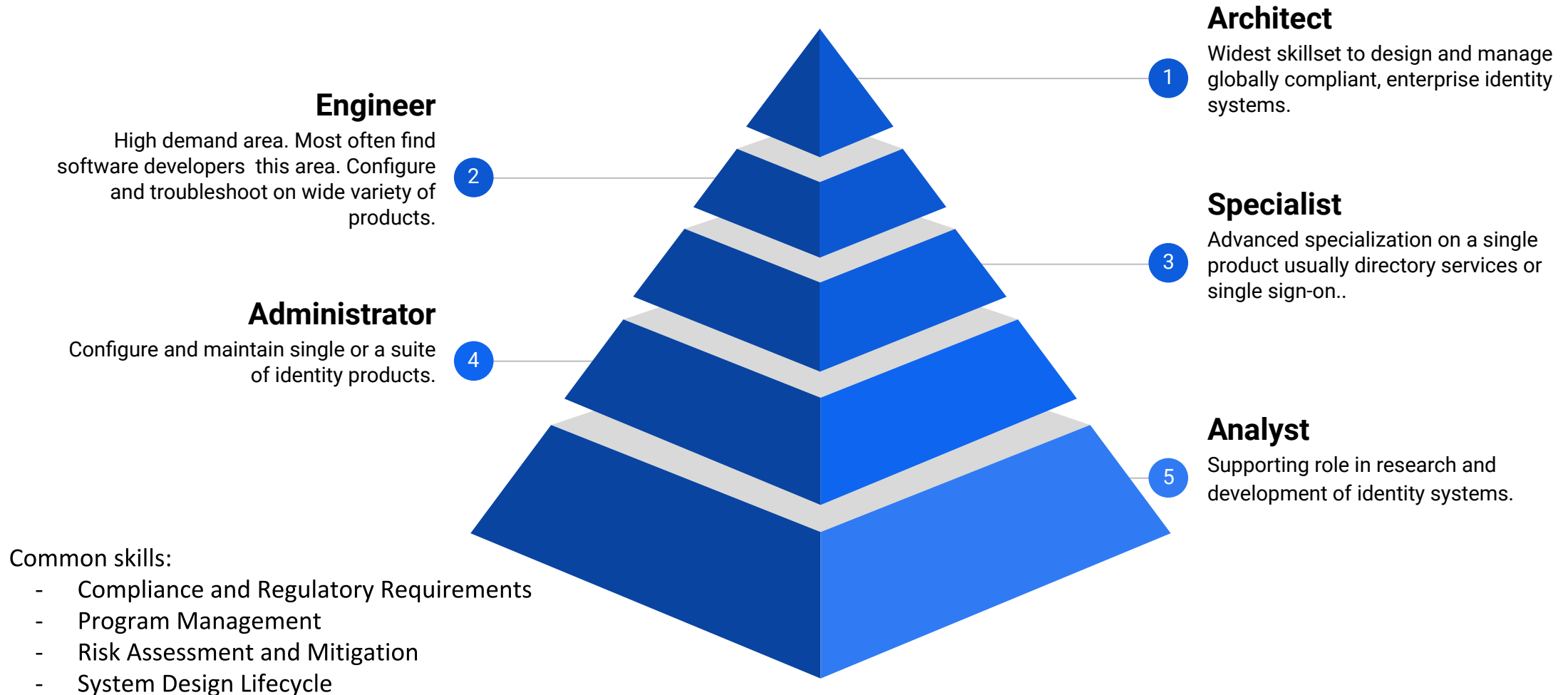
Date: April 1, 2020

What kind of skills are needed in Identity Management?



Identity Management is a set of skills from various roles. Harder to break into identity management as a beginner, but not impossible. Focus on a specific identity product and grow.

IDM Skill Levels



IDM Landscape (One World Identity)

Identity Startup Landscape



Breaking In

1. Find an Area of Interest

- What area of identity interests you the most?
- Research products and opportunities.
- Move to Step 2

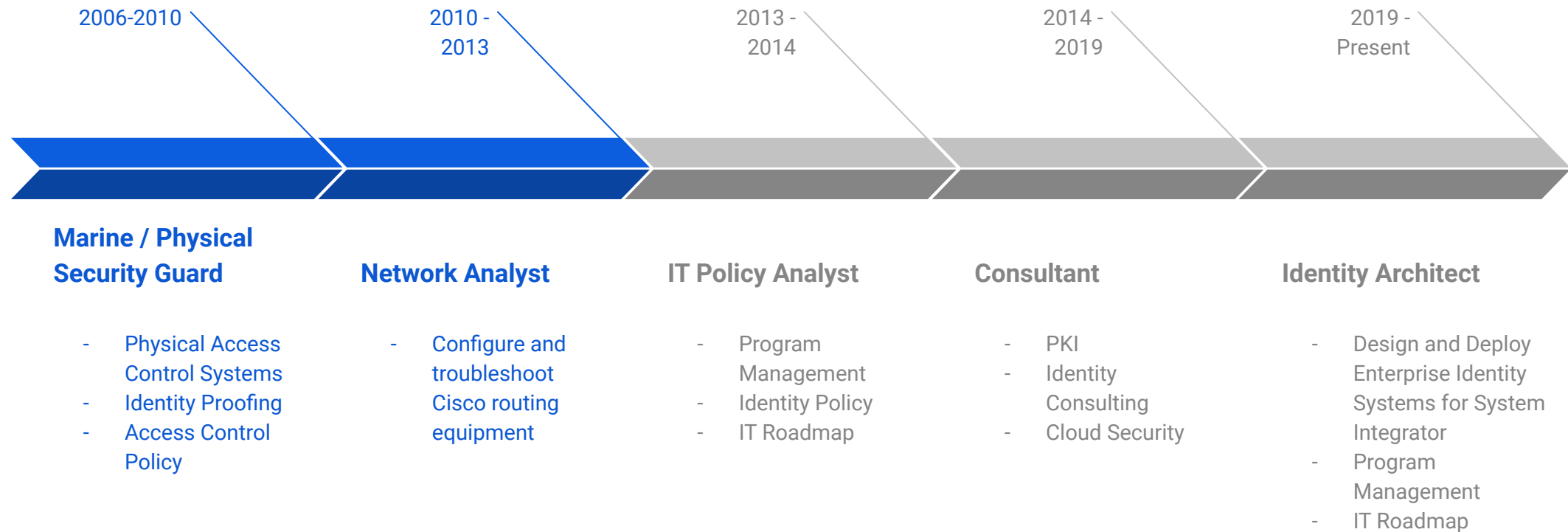
2. Find a Product with Tutorials

- Lot's of identity products.
- Examples of free trials or always free products:
 - Azure AD
 - AWS IAM
 - GCP IAM
 - Okta
- Open Source!!!
 - Gluu
 - Pritunl Zero
 - Key Cloak
 - Dog Tag PKI

3. Deploy in Real-Life

- Take what you learned and fly!

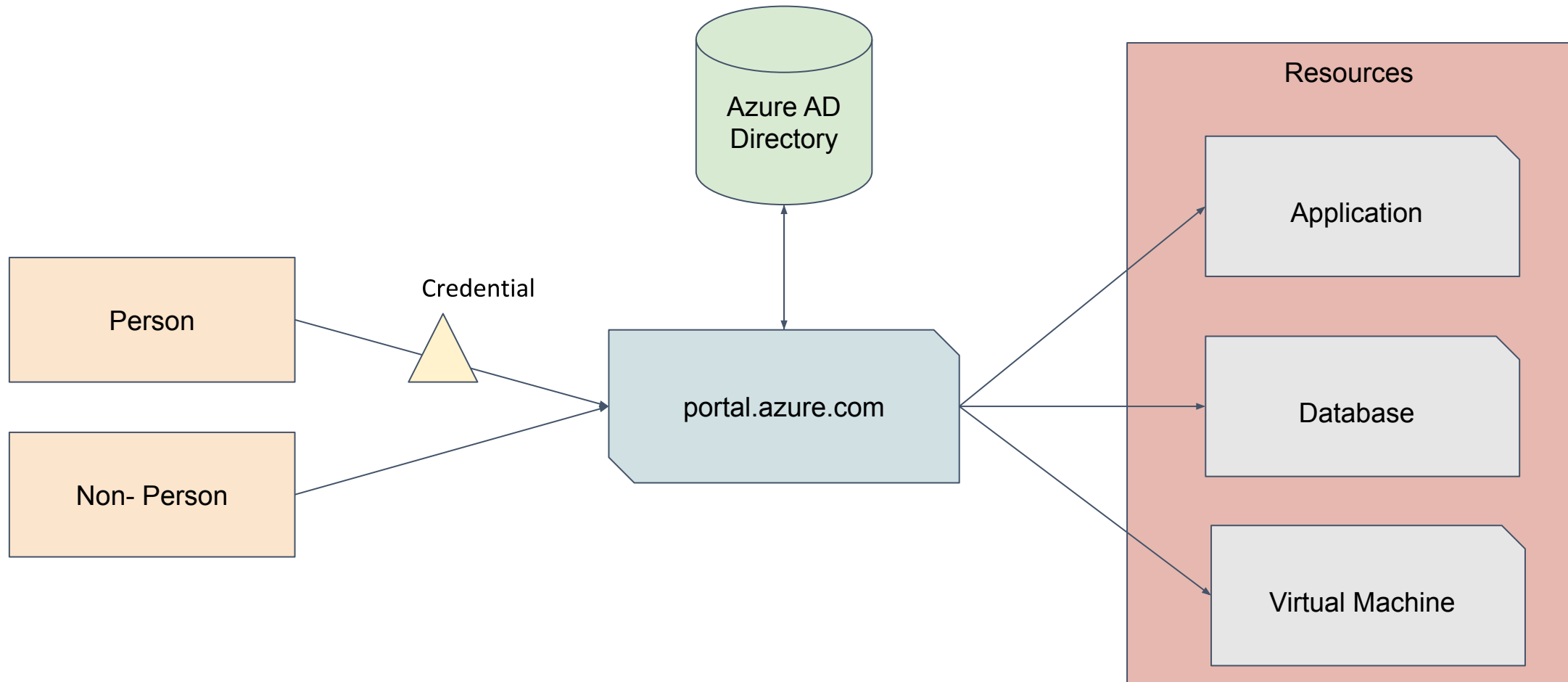
My Path



Hands-On Examples



Managing Identities with Azure



Hands-on!

- Why Azure? One of the top cloud platforms with free tutorials.
- Lab today is overview of the identity capabilities within Azure.
- <https://docs.microsoft.com/en-us/learn/modules/create-users-and-groups-in-azure-active-directory/3-exercise-add-delete-users-azure-ad>

Wrap it up

- Identity Management is a ~~complex~~ **rewarding**, cross-cutting speciality
- Breaking into identity? Focus on a specific area or product
- Take your new Azure skills to the next level (Certification)
- Reach out to me if you have any questions.



Resources

- ISACA GWDC - <https://isaca-gwdc.org>
- Microsoft Learning - <https://docs.microsoft.com/en-us/learn/>
- Federal Identity Management - <https://arch.idmanagement.gov>
- ISACA CSX - <https://www.isaca.org/credentialing/cybersecurity>
- [Securing the Perimeter - Deploying IAM eBook](#)

Thank you!

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