Link to the certification : https://docs.microsoft.com/en-us/learn/certifications/security-compliance-and-identity-fundamentals/

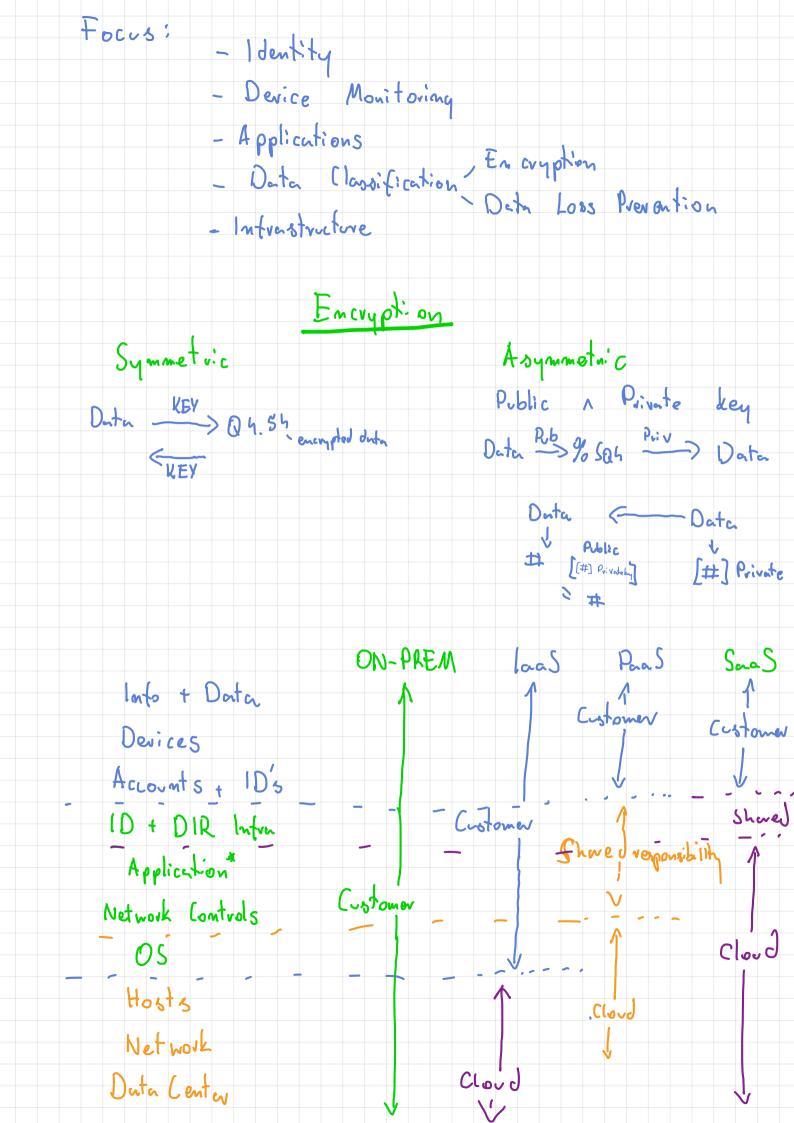
Links to the videos regarding the SC-900:

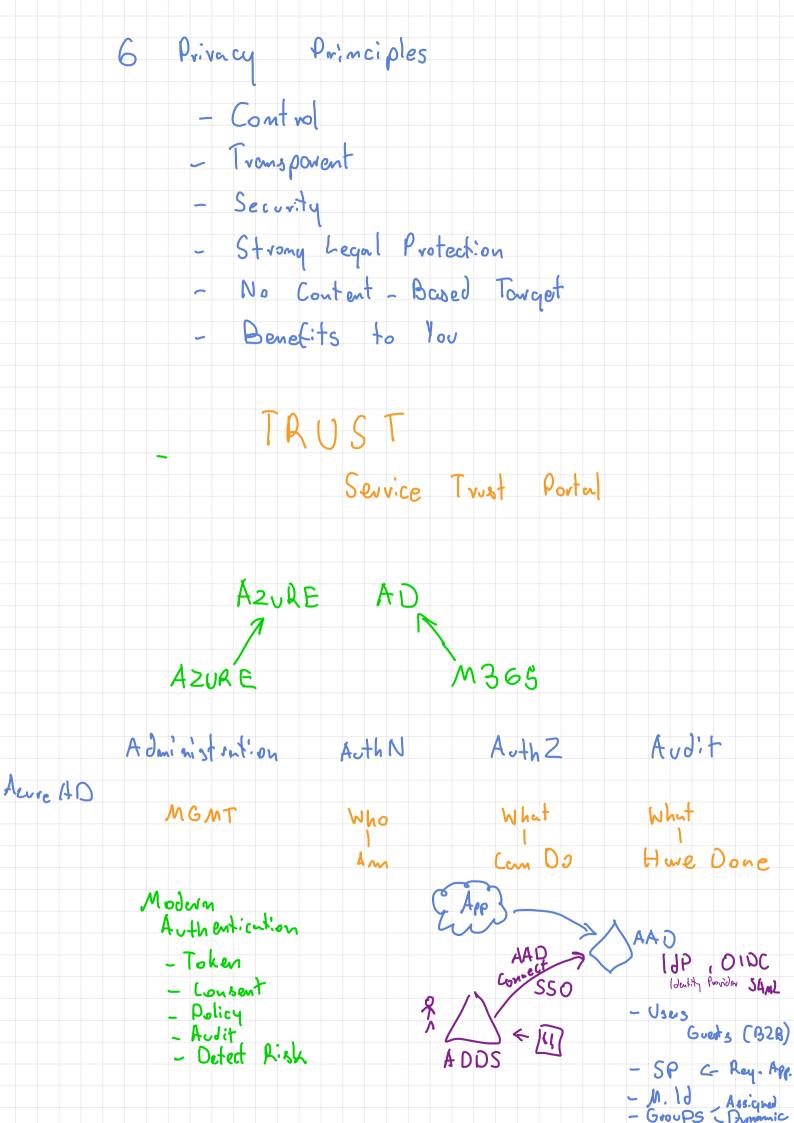
John Savill's Technical Training : https://www.youtube.com/watch?v=Bz-8jM3jg-8&t=2s

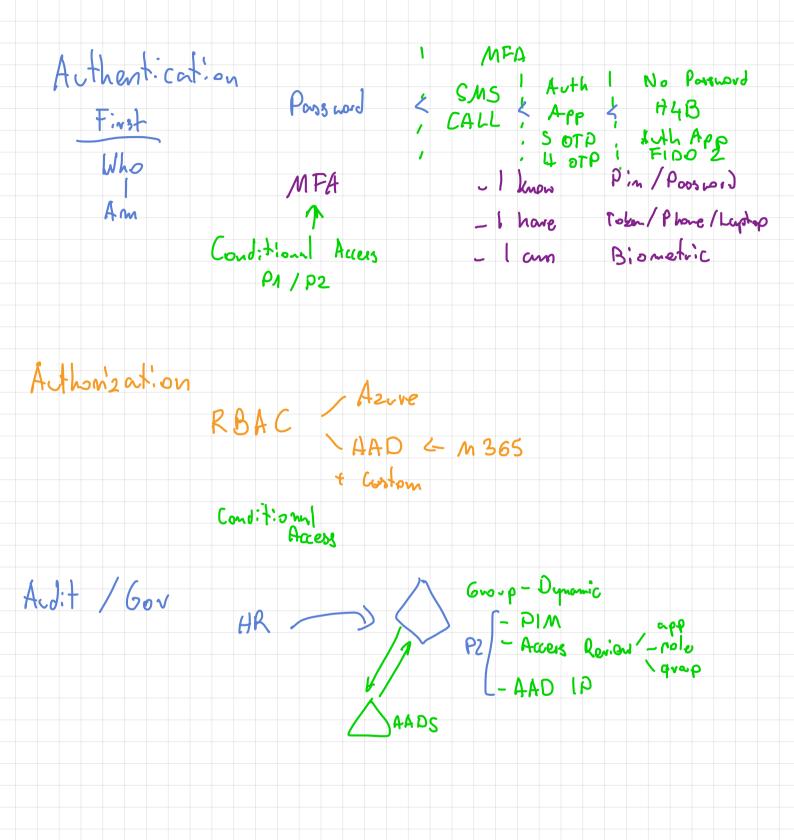
freeCodeCamp.org: https://www.youtube.com/watch?v=LLKza5oULAA

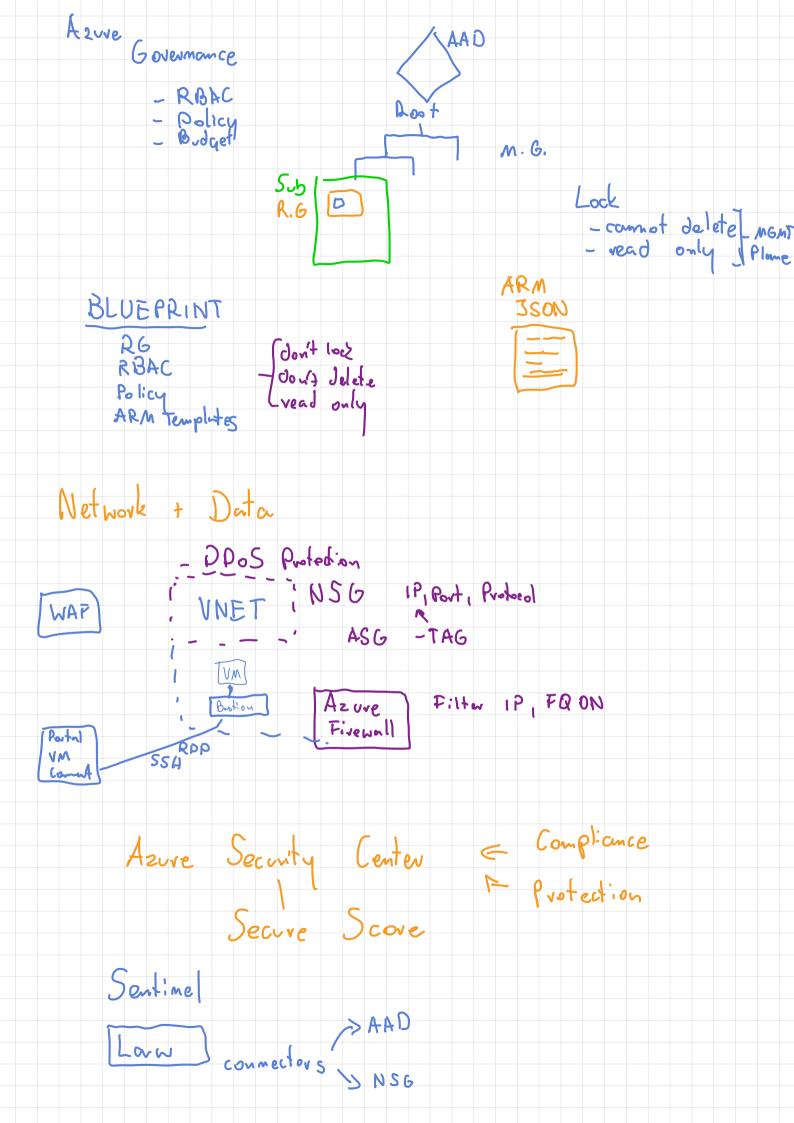
Below you will find my notes for the SC-900. This is by no means a full and complete summary for the SC-900. Its purpose was to list the topics I found most important. I encourage you to use this summary as an addition to your learning.

	- 900	
AAD	AZURE	M365
Defense in Depth		
l de Per	ntity MFA DDOS	Confidentialit. I atequity
Ne Co.	t work m put e dication	
	ta Encomption	A unilability
Threats:		
- Data Breach	- Data	
- Dictionary Att		
- Phishing	- I dent: + y	
- Spear Phishing		
- Ransomware]_ Δ.,	
· Disruptive atta	ch (DDoS)] - Avai	rue in to
Zero Trust:		
Assume Com	promise	
Verify Every		
	hentication + Author	vization
	st Privilage + Ju	
	wang Brasis la	<u> </u>
	- Segment,	Emcrypt, Detect Threats









M365 Defender - Identity - AD Donin Controlors - Endpoint - CAS [Clay App Secrity] - Discovery, Control Classity seterion - Office 365 M365 Security Center - Secure Score empt-solp Dorte Device 1 dentity APP - MDM - envoll duice INTUNE - Policy - Health Lorp. ales Win , Mac Anduid, los - MAM - app policy my Application

L Xcm	Questions

2 ero 1	not S	ecurity	Model	enforco	s lea	4+ 1	palivire	ed access
Desta	and Sa	olutions	Owe	protecte	J 54	1: 0	nit'ny	usen
مدرومع	u; th	Just in	Time	and !	Suat En	agh A	ica?	policies
Detense	i m	Depth	:5	based	ρη	a (ay ered	security
	that	d: 1 Com	ryes a	ttucks	ad	slons	a france	of
cu	attack.							

For each distributed denial of service (DDoS) attack description, select the type of attack from the drop-down menus.

Choose the correct options

Attack description

Attack type

The attack is designed to overwhelm a target server and make it inaccessible by flooding it with SYN packets.

The attack floods the network with high levels of seemingly legitimate traffic, such as UDP packets, that target random ports.

The attack uses HTTP protocol violations to target web application packet and disrupt data transmissions between hosts.

Resource (application) layer attack

Volumetric attack

Azure Disk Encryption:

- requires key Voult for key storage

- Uses Bitlocker feature for volume encryption
on Windows VMs

Identify attacks: - Phishing - Brile force - toping personals Federated Services: 1) Website uses authorition A 2) User conthenticates with B 3) A has twist volationship with B 4) User cun access rebsite uslay outh 13 tybrid Identity provides a common user identity
for authorization to all resources invespedire of their location Azure AD registued dences are private devices Azure AD joined devices exist only in the CLOUD Hybrid Azure AD joined devices are devices owned by the comp any MFA, DIM, conditional -cress D Premium P2 ALUVE AD

PIM - Privileged Identity Management is an Azeve AD
service that enables management, control and monitoring
of access to important organizational resources in the chord PHM - Privileged Acces Monagonant - helps to restrict privileged access. It does not cover cloud resources. Azure Idontity Protection: user-risk sign-in visk efrom anonymous IP address · lonzed cuedentials · possioned spran · sign in from malune-linsed Azure Bastion: intermediate harden instance to use to connect to your target server via SSH or RDP. one taker of soul

1 m. security group to multiple virtual subnets. 1 -> many Azure Security Benchmark: provides prescriptive best practices and recommendations to help improve the security of workloads, data, services on Azuve. Aure Secrity Center helps you improve your companys security posture by identifying and performing hardonly tasks. It can detect and prevent threats for both cloud-based and on-premises servers and resources. Azure Sentine lis a security information event management (SIEM) and security ouclestudien automated response (SOAK) 10/1:04. the SDAR triggers action-drive outsmuted markflows and processes to run security tasks that mitigate the Sentinel is integrated with Azore Monitor Workbooks vice Monitor to monitor Sertinel data sing torplates You com

Azure Defender: - advanced protection for Azure send on-prem more loads. It can be found in Az. Security Center M365 Defender: - Uni (: ed) pre and post breach enterprise defense site that matively coordinates · responses : detection, prevention, investigation · a cross - endpoints, identities, emil, applications to provide interpreted protection against sophis, attacks.