

API - Application Program Interface

1) Web API

- Soap API - Simple Object Access Protocol
 - used for exchanging structure info in webservice
 - XML
 - used in incl. industry
- Rest API - Representational
 - Respectful Service
 - Simple & Standardized
 - Scalable / stateless
 - High Performance / caching
 - JSON, XML

Client server

Status code

- 200 - success
- 400 - Client Error
- 404 - Domain Error
- 500 - Server Error

New API

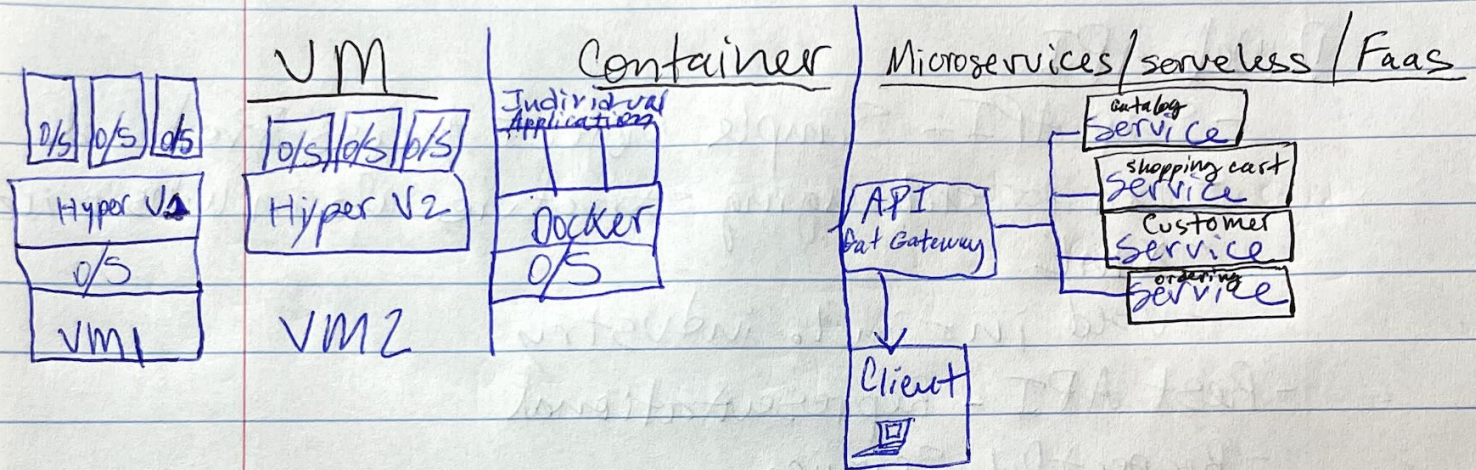
Data plane - I/O

Control plane - firewall

Management plane - configure

Network functions virtualization (NFV)

YTB what is software-defined networking? SDN



VM + Hardware → IaaS infrastructure
 OS + Runtime → PaaS platform
 App + above → FaaS function

YTB - Zero trust explained / Real world Example.

Continuously - Authenticate
 Authorise
 Assess

William Prads
07/21/2025
Asset Management
Lesson 7A

- ▣ Assets & protection
- ▣ Data Backup
- ▣ Advanced Data Protection

Prof. messer	YTB	- Asset management - Comptia Security+
Km signme	YTB	11 111 w/ Discovery Agents
Tom Dlazky	YTB	11 11 ITAM
Prof. messer	YTB	Backups - ComptIA Sec+

Assets

Values
owner/Classify
Tracking system:
manual
Scanning
↳ agent-based
↳ agent-less

Full - longest
Incremental - faster
Differential (medium).

Backup

on-site vs off-site

frequency

0 min

Types

full, incremental, differential

Incremental vs Differential Backup + Full - Explained

Fast backup

slow

restored

Powercert
videos
YouTube

- William Prado
07/21/2025

Journaling - OS file system journaling.

Tech target.

YTB - What's a storage snapshots?

Sanatation -

data wiping, degaussing, encryption.