

# Continous deployment & cloud

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# Course materials

[github.com/wojciech11/se\\_software\\_build\\_automation\\_tools](https://github.com/wojciech11/se_software_build_automation_tools)

# Cloud platforms



# Cattle vs pets





# Cattle vs pets

- MTTR vs MTTF

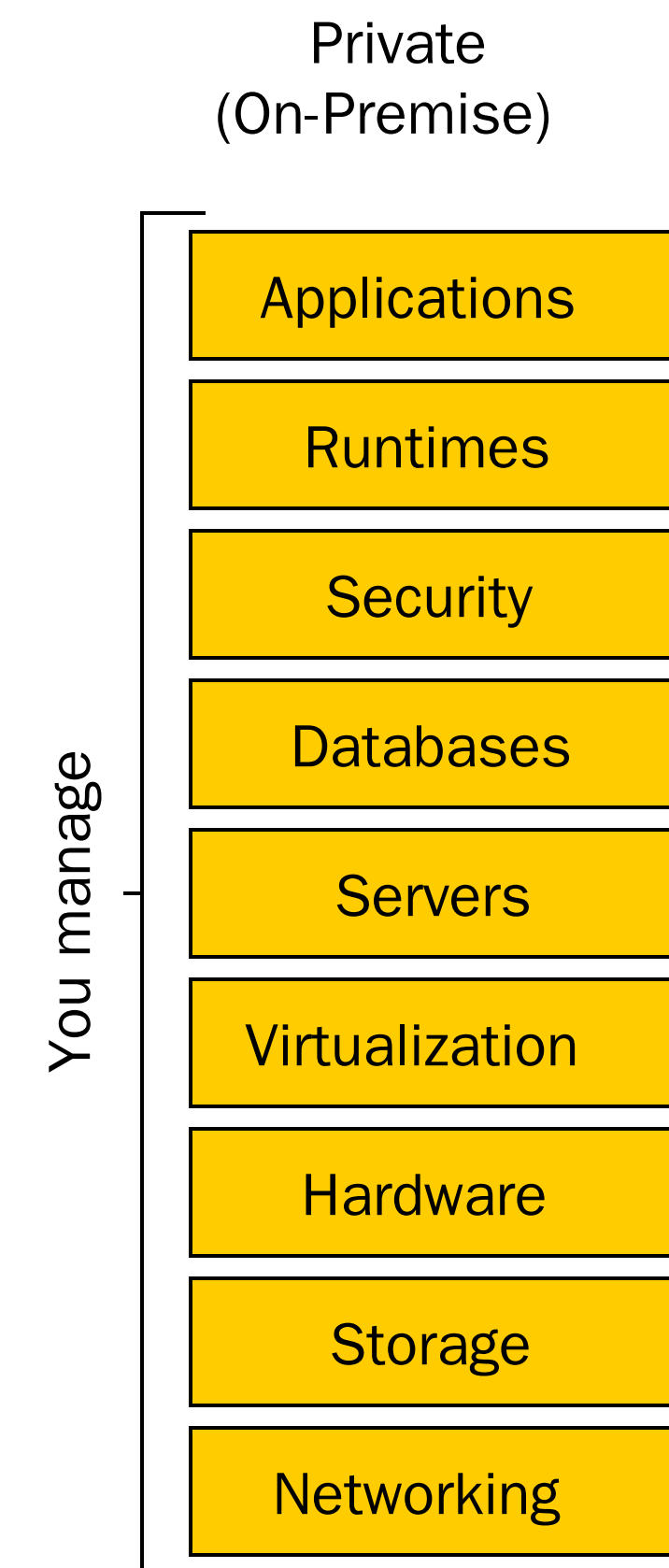
Common metrics

# Cloud services

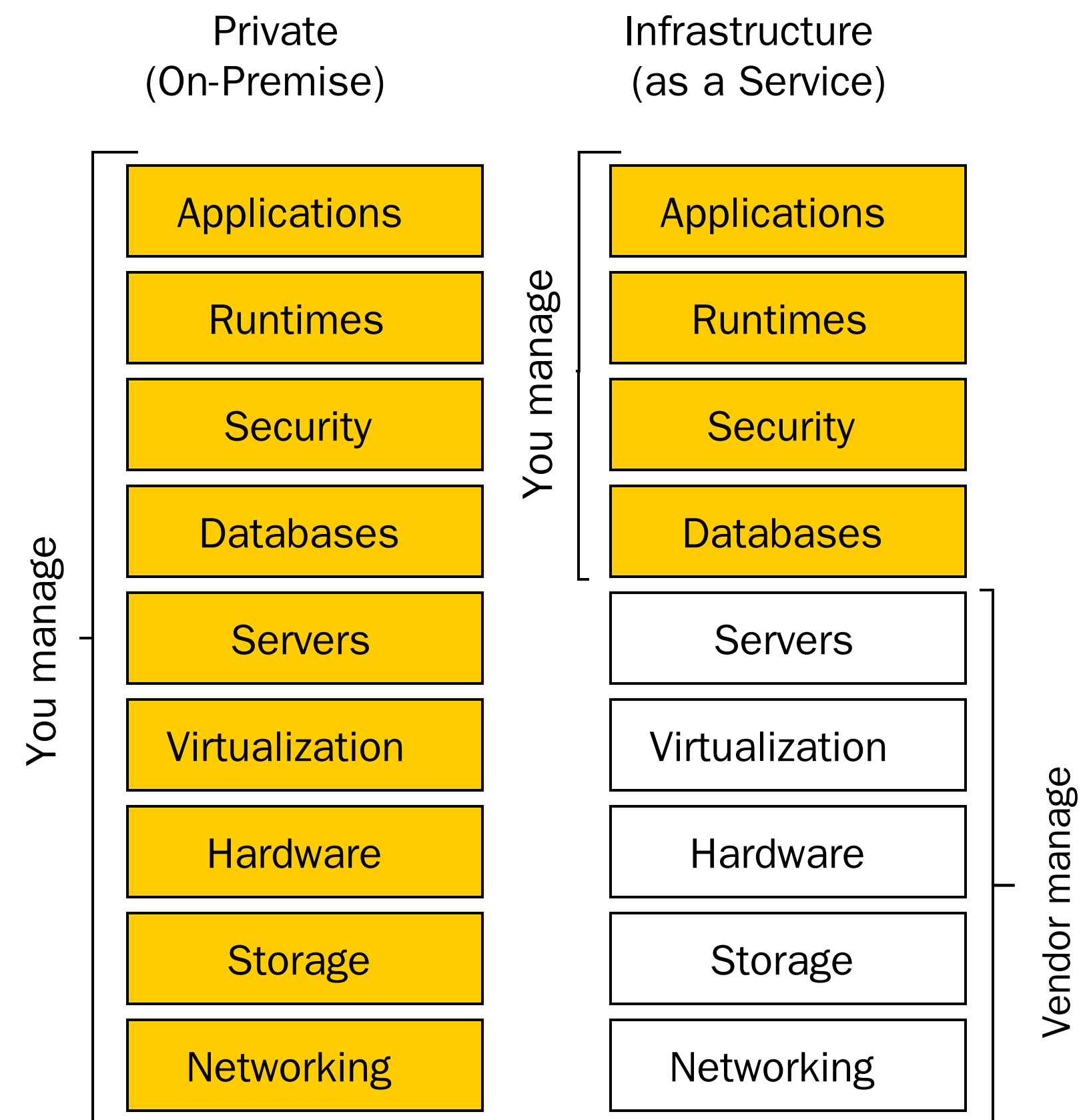
Basic:

- On-Premise
- IaaS
- PaaS
- SaaS

# On-Premise

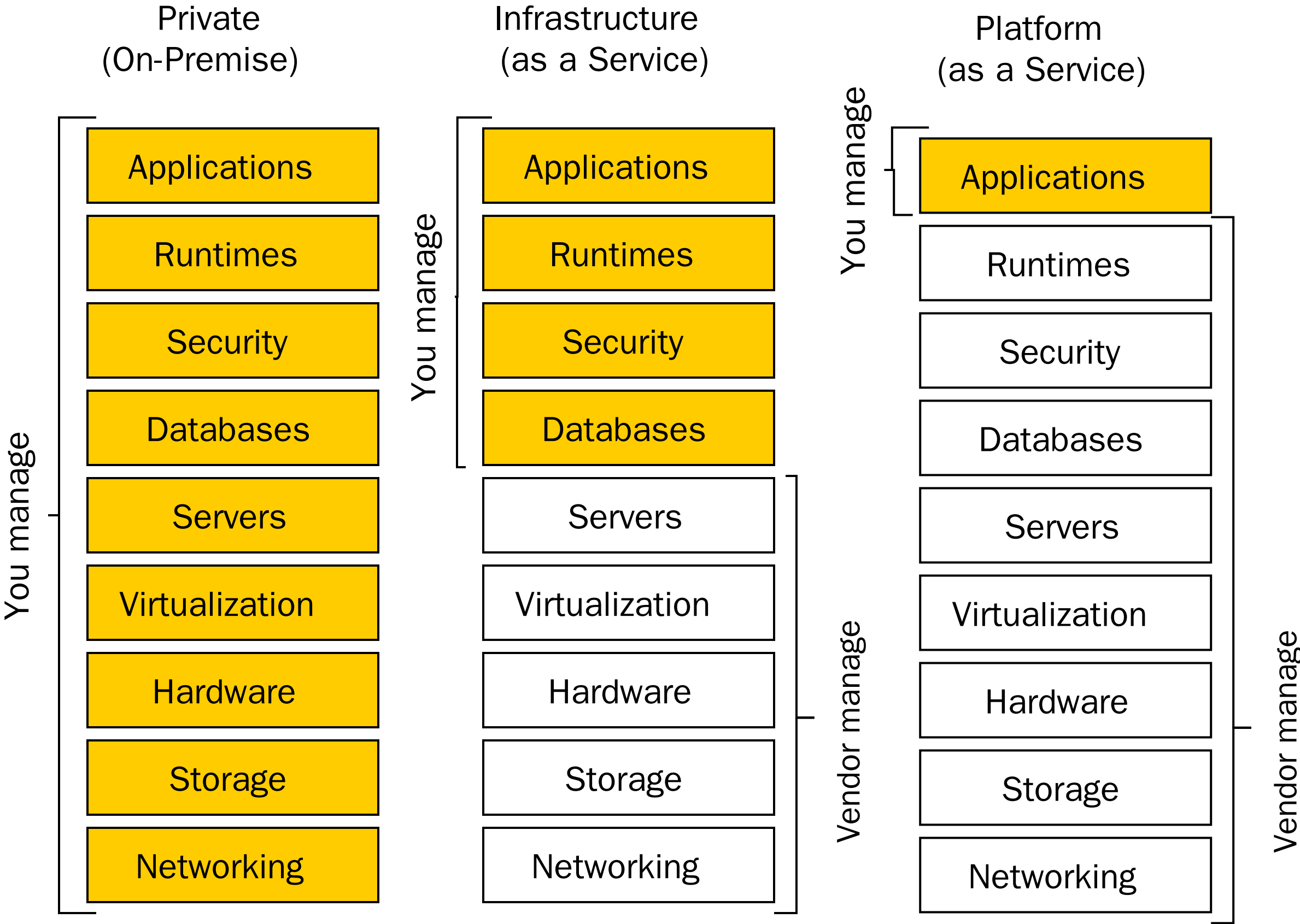


# IaaS

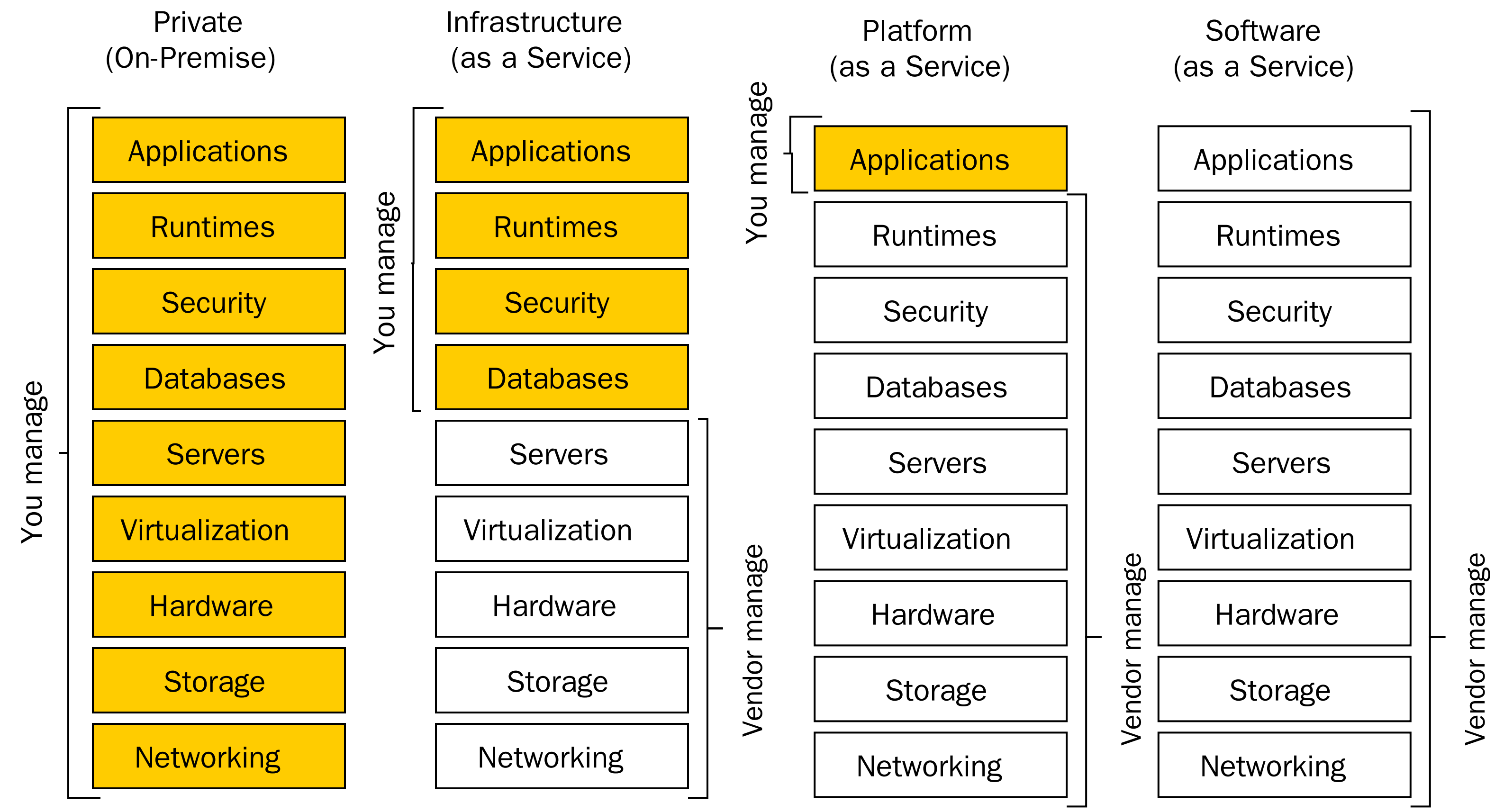




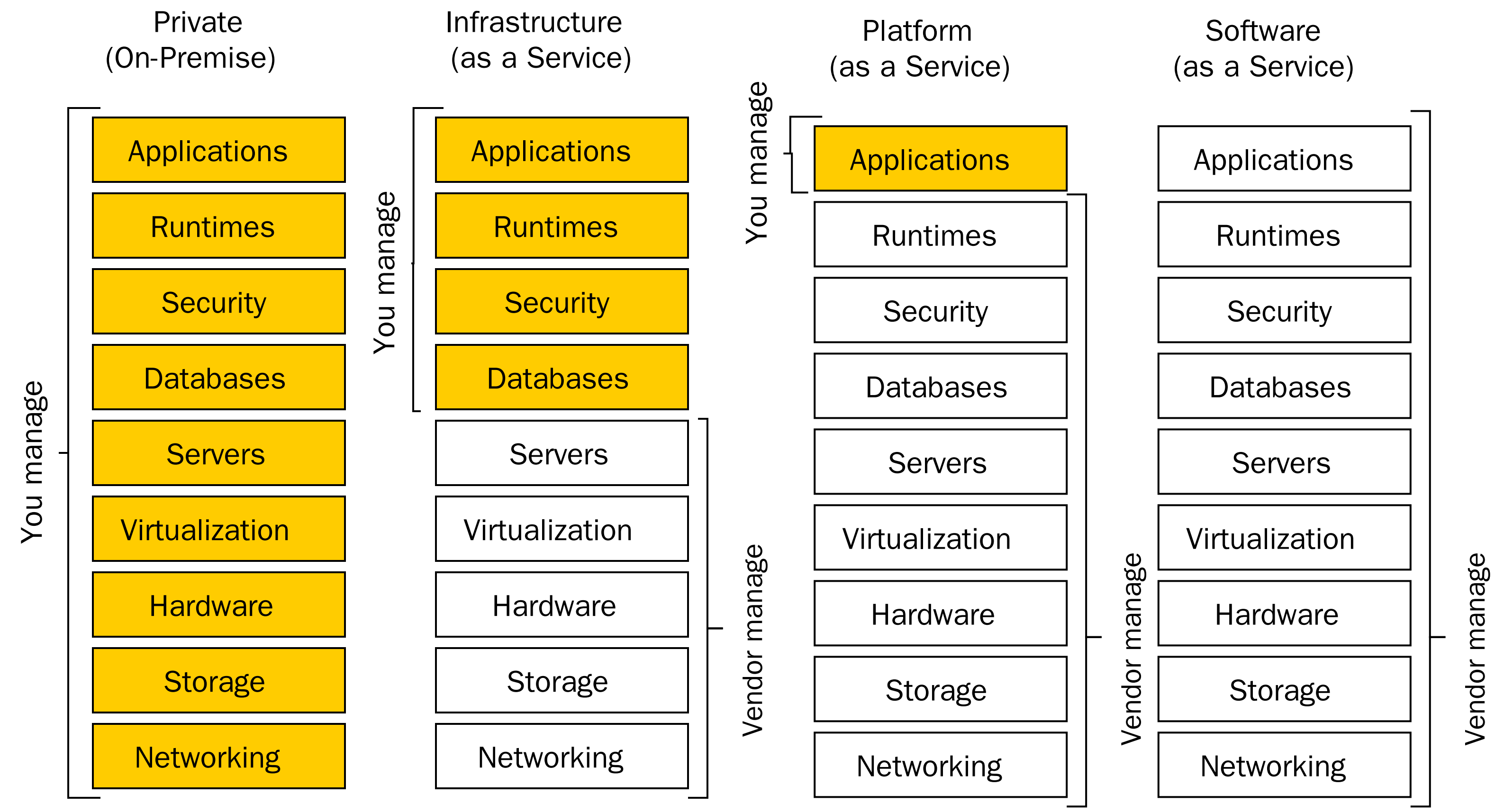
# PaaS



# SaaS



# SaaS



# Cloud services

Modern:

- CaaS - Container-as-a-Service
- FaaS - Function-as-a-Service
- BaaS - Backend-as-a-Service
- DbaaS - Database-as-a-Service

# Cloud services

All major cloud players are XaaS.



# Cloud services

CaaS:

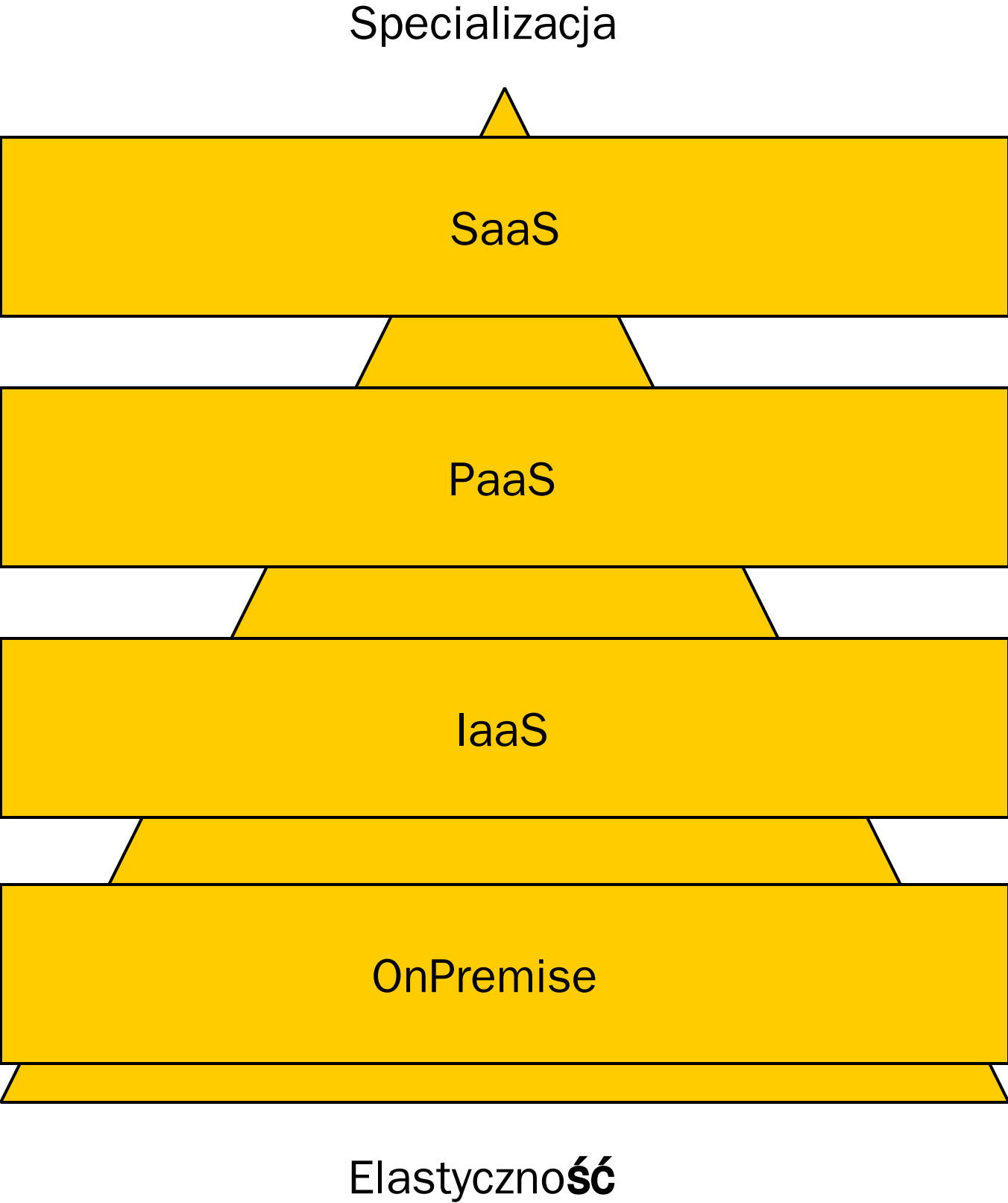
- Kubernetes
- Redhat Openshift / Suse
- AWS AKS, GCP GKE

# Cloud services

FaaS:

- AWS Lambda
- Serverless framework
- KNative

# SaaS



# Continous Deployment

Whiteboard

**Thank You**

Questions?