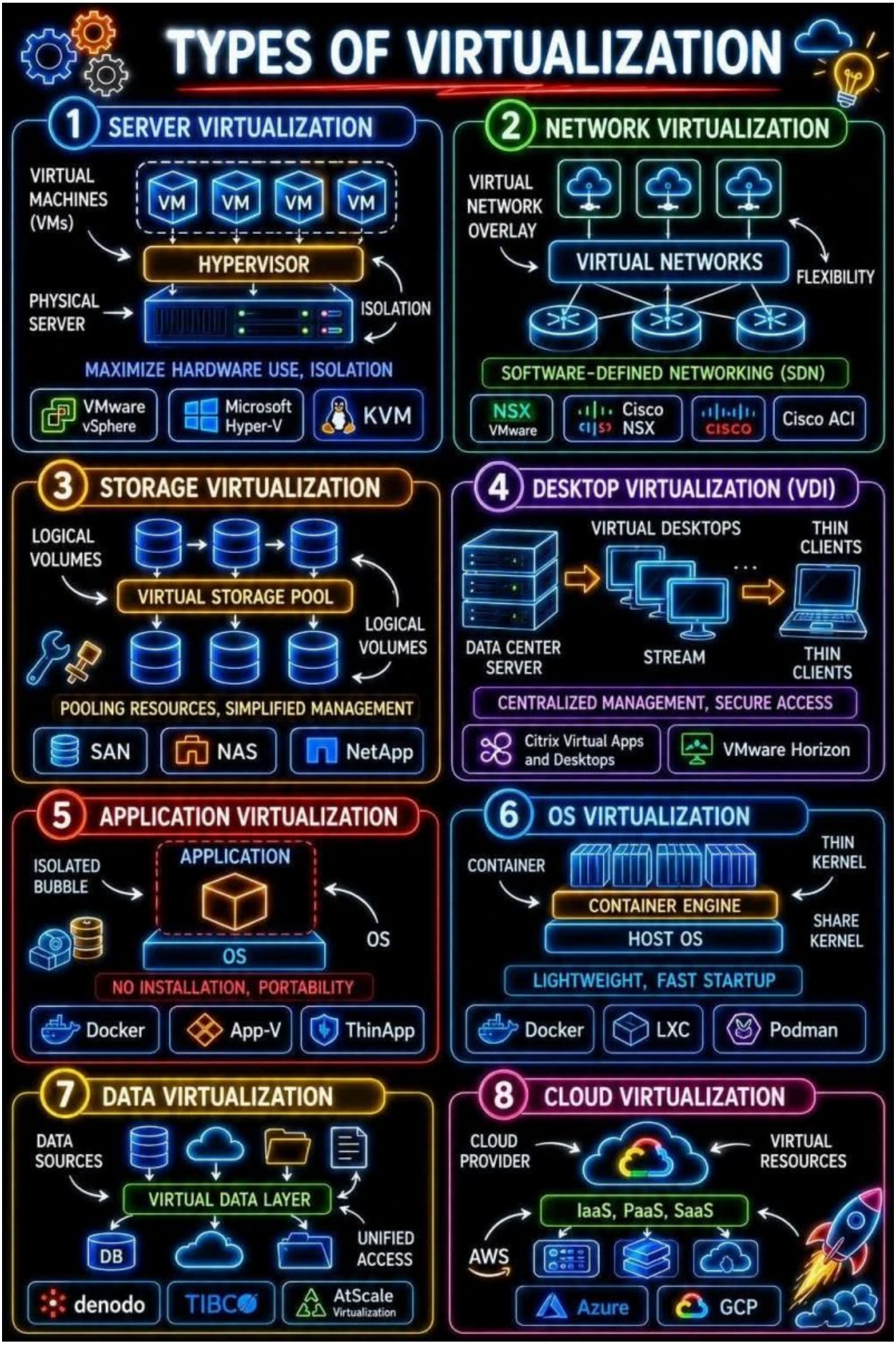
Types


TYPES OF VIRTUALIZATION
1 SERVER VIRTUALIZATION
VIRTUAL MACHINES (VMs)
VM
VM
VM
VM
HYPERVISOR
PHYSICAL SERVER
ISOLATION
MAXIMIZE HARDWARE USE, ISOLATION
VMware vSphere
Microsoft Hyper-V
KVM
2 NETWORK VIRTUALIZATION
VIRTUAL NETWORK OVERLAY
VIRTUAL NETWORKS
FLEXIBILITY
SOFTWARE-DEFINED NETWORKING (SDN)
NSX VMware
Cisco NSX
CISCO
Cisco ACI
3 STORAGE VIRTUALIZATION
LOGICAL VOLUMES
VIRTUAL STORAGE POOL
LOGICAL VOLUMES
POOLING RESOURCES, SIMPLIFIED MANAGEMENT
SAN
NAS
NetApp
4 DESKTOP VIRTUALIZATION (VDI)
VIRTUAL DESKTOPS
THIN CLIENTS
DATA CENTER SERVER
STREAM
THIN CLIENTS
CENTRALIZED MANAGEMENT, SECURE ACCESS
Citrix Virtual Apps and Desktops
VMware Horizon
5 APPLICATION VIRTUALIZATION
ISOLATED BUBBLE
APPLICATION
OS
OS
NO INSTALLATION, PORTABILITY
Docker
App-V
ThinApp
6 OS VIRTUALIZATION
CONTAINER
THIN KERNEL
CONTAINER ENGINE
HOST OS
SHARE KERNEL
LIGHTWEIGHT, FAST STARTUP
Docker
LXC
Podman
7 DATA VIRTUALIZATION
DATA SOURCES
VIRTUAL DATA LAYER
DB
UNIFIED ACCESS
denodo
TIBCO
AtScale Virtualization
8 CLOUD VIRTUALIZATION
CLOUD PROVIDER
VIRTUAL RESOURCES
IaaS, PaaS, SaaS
AWS
Azure
GCP

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