Oprolly mailling William Prodo 05/20/2025 2005, 200 Compyting Explained.

4 yough

Microsoft Azure

Tr. 10 IAAS Infrastructure as a Service PAAS Platform as a Service SAAS Software as a Service exigogle docs. Introduction to clad e Hyprid (lead con Lots of servers in a large room
At different location across the world
on premises vs Cloud. - Why Clara? Clasticity, on-Demand, Self-service, Pay for Usage, multi Tenancy - What's taken care? Computer, storage, vetwork, Software. - Optimal workload periodic, one time, supredictable - ISSVES KRISKS. 3rd purty constrol, vendor of bata security of fivally, Malicious attack.
- Delivery Models: I aas, Paas, Saas, Daas, OBAAS, Faas.

RDP US MYSQL 3389 US MYSQL 3306 William Frado 05/20/2025 4TB Cloud Deployment models-Public cloud, Private aland, Hybrid Cloud & community Cloud. Simplifian VTB Cloud comparting in 6 Minutes What is cloud lampating sunry VTB I AAS, Paas, Saas: 3 cloud computing service models Amozon-compute, Storage, network, software. Inditional on-premises

Application on Middleware oservers overworking

Sata o/s ostorage TAAS \*\* Application \*\* Middle wave of the Data of of S. · Servers · Networking · Storages BAS. Application middleware servers . Detworking.

Storages SAAS: Application middle wave servers Networking

Ols Storages Microsoft AZ-900 Episode 5 Adam YT 4 B Data 83 Apps Applications Data Iss Docker Runtime Software Middle wave windows hinux 0/5 Memory Motherboard CPV
Rowting internet
HDD SSD Virtralization Servers Networking Storage

William Frado 05/20/2025

3608/06/20 14.3 Word Network Environment Portion VTB CDN-Content Delivery Network-Explaineds Responsibility. Security of the Cloud CSp. Security in the cloud client. NFV- Network Funktion virtualization-intro auction. 47B Network Virtualization infrastructure-introduc-What is an instance? Vivtral Madrine server that runs a workload in the cloud. VPC-virtual private claud

Private cloud-single-tenant model, provides computing, 
wetworking, & storage resources to organization. Public subner rater (Tutarnet) Not gate way - allows instances to connect out to Internet but not connections initiated from Internet.

about usilled

William Prado 05/20/2005 Infrastructure as code (IaC) 14.4

· Pravisioning through standard scripts
· automation · code
· orchestration · sequence of automation scripts. Source Control
11 code. Version Control osystem tracks changes to source code over time Software Defined Networking (SDN).
Traditional Networking
SDN-software-based controllers or API Applications layer Control Layer Infrastructure layer SDN controller - Brain of the Network Overlay networks-abstracts physical topology.
Uses encapsulations to provision virtual tunnels of Networks work requiring reconfiguration of the vuderlying transport network. Data Penter Network Design. Eucaps vlation/Eucryption/Protocols Zero Trust-assumes up entity.

William Krado about million 2606/06/20 05/20/2025 Clard Strategy evaluate cloud apper + services; choose deployment model (public, private, hybrid) + service type (Iaas, Saas, Paas, Daas) for optimal sealability + elasticity. Cloud App Development-leverage Iac for automation thereage SDN benefits. Private Clard patacenter - virtual zation & SAN for enhanced elasticity & scalability. Integrate us SDN & NFV. Public claud Security define cloud responsib-ility Matrix transact regular risk assess-ments & security audits. herices the grizzes, write the greation, prop for exam. ever has notworks - abstracts rollingial 125 126 127 128 129 130 131 132 128 192 224 240 248 252 254 255 host ode 128 64 32 16 8 4 2 1 Net 2 4 8 16 32 64 128 7 10.10.10.200/25 10.10.10.0