

1-Concept of IaaS/CaaS/PaaS/FaaS/SaaS/XaaS Cloud Share Service Model

On-premise	IaaS Infrastructure- as-a-service	CaaS Container- as-a -Service	PaaS Platform-as-a- Services	FaaS Function- as- a- Services	SaaS Software-as- a-services	XaaS Everything as services
Application	Application	Application	Application	Application	Application	Infrastructure as service
Data	Data	Data	Data	Data	Data	Container- as-a - Service
Runtime	Runtime	Runtime	Runtime	Runtime	Runtime	Platform-as-a services
Middleware	Middleware	Middleware	Middleware	Middleware	Middleware	Function- as-a- Services
O/S	O/S	O/S	O/S	O/S	O/S	Software-as-a- services
Virtualization	Virtualization	Virtualization	Virtualization	Virtualization	Virtualization	Database-as-a services
Servers	Servers	Servers	Servers	Servers	Servers	DR- as-a- services
Storage	Storage	Storage	Storage	Storage	Storage	Desktop-as-a- Services
Networking	Networking	Networking	Networking	Networking	Networking	Communications as a Service

Managed by Customer	
Managed by Cloud Service provider	
Manage by customer & Cloud Service provider	

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2-Cloud security tools & Their utilization in cloud Service Model					
Cloud service Model	CASB/Cloud Access Security Broker	CSPM/Cloud Security Posture Management	CWPP/Cloud Workload Protection Platform	CIEM/Cloud Infrastructure Entitlement Management	CNAP/Cloud-Native Application Protection Platform
IaaS	Low	High	High	High	High
CaaS	Low	High	High	High	High
PaaS	Low	Low	High	High	High
FaaS	Low	Low	High	High	High
SaaS	High	NA	NA	NA	NA
XaaS	NA	NA	NA	NA	NA

High	Dark Blue
low	Light Blue
NA	White

3- Security responsibilities of customers & cloud service providers in Cloud service Model in ascending order



Customer

Cloud Provider

By @PS