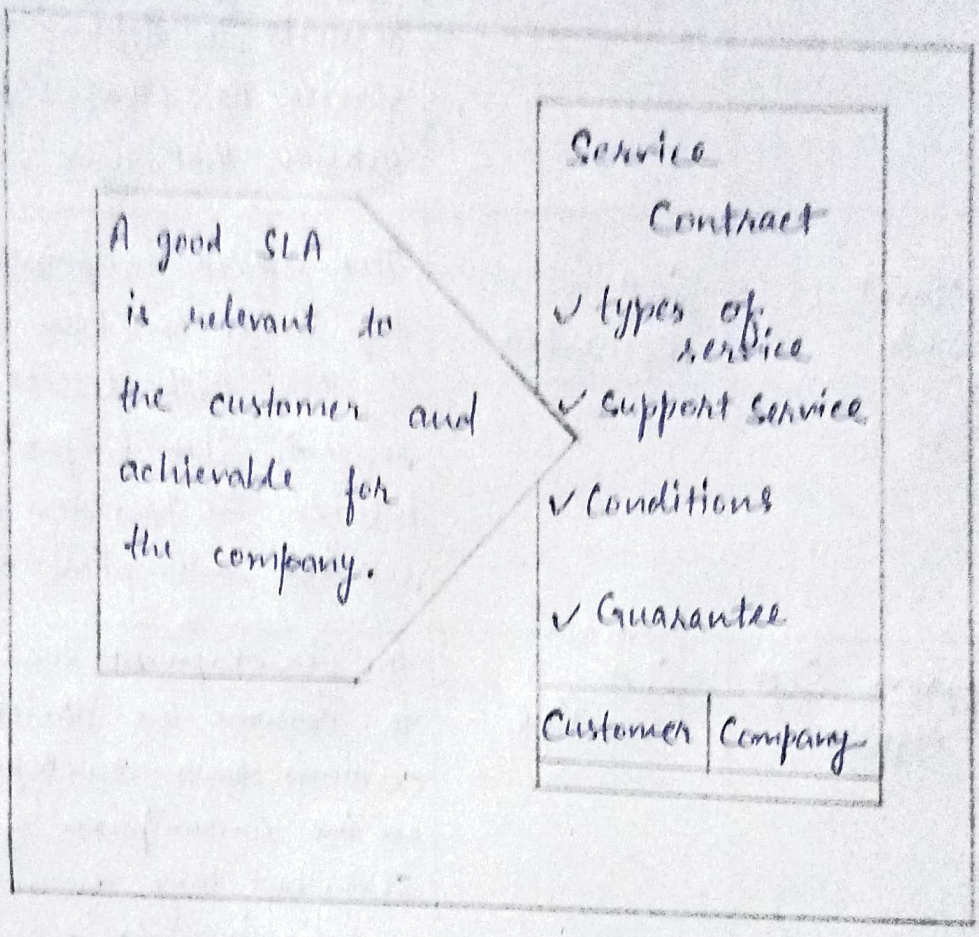
Public Vs Private

Public	Private
• Public shared Virtualized Resources.	• Privately Shared Virtualized Resources.
• Supports Multiple Customers.	• Cluster of Dedicated Customers.
• Supports Internet Connectivity.	• Connectivity over Internet, Fiber and Private Network.
• Suited for less Confidential Information.	• Suited for Secured Confidential Information and Core Systems.

Public	Hybrid	Private
• A Cloud Computing model in which an enterprise uses a proprietary architecture and runs cloud servers within its own data center.	• A Cloud Computing model that includes a mix of on-premises, private cloud and third party public cloud services with orchestration between two platforms.	• A Cloud Computing model in which a third party provider make compute resources available to the general public over the internet. With public cloud, enterprises do not have to set up and maintain their own cloud servers in house.
Characteristics: i) Single - tenant architecture ii) on-premises hardware iii) Direct control of underlying cloud infrastructure.	Characteristics: i) Cloud Bursting capabilities ii) Benefit of both public and private cloud.	Characteristics: i) Multi - tenant architecture ii) Pay as you go model
Top Venders: HPE, VMware, Dell EMC IBM, RedHat	Top Venders: A combination of both public and private cloud providers.	Top Venders: AWS, Microsoft Azure, Google Cloud Platform.


A good SLA is relevant to the customer and achievable for the company.
Service Contract
✓ types of service
✓ support service
✓ Conditions
✓ Guarantee
Customer
Company

Transition	State	Description
Initial State	SLA identified	This state is entered as soon as a consumer, represented by a capability version, requests a dependancy on a service or other capability version that offer the SLD.
Request SLA	SLA Requested	The agreed endpoints relationship target has been selected together with details of the required SLA properties and policies. The provider of the selected consumption of this SLA.
Approve SLA request	SLA inactive	the development team that want to consume the service can continue their development based on the consumption of this specific SLA, but they do not yet have authorization to access any endpoints.
Revise SLA request	SLA identified	As part of negotiation of the SLA, the service provider request a rework of the details of the SLA by the service consumer.
Activate SLA	SLA active	All the approved endpoints associated with the SLD, that are online, can be invoked using the terms of the SLA. There might be

		situations where the SLA is deactivated, in which case the SLA enters the SLA inactive state and any further interactions are blocked until it is reactivated.
Deactivate	SLA inactive	For operational issues, the SLA is temporarily suspended by moving it back to the inactive state.
SLA		Once the operational issues have been removed, the SLA can be reactivated.
Terminate SLA	SLA terminated	No interactions from this SLA are permitted.