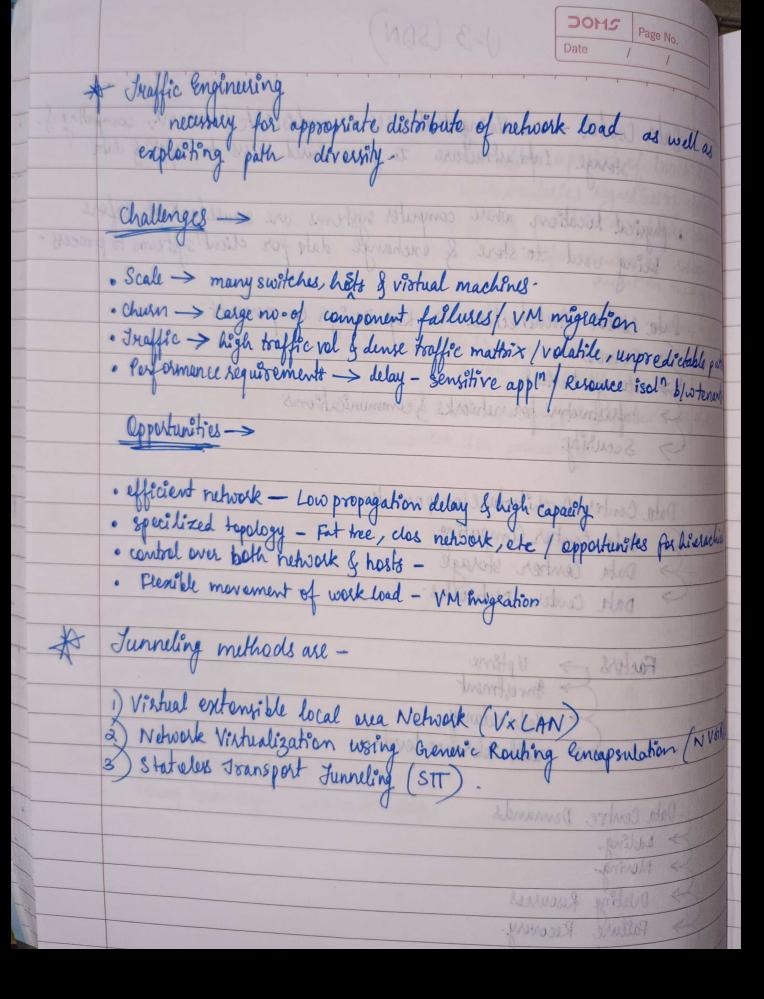
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Data Center building that uses a sophisticated network, computing of. storage into astructure to give shared access to apply of data.
Storage my war to get the storage of
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being used to store & exchange data for client systems to process.
scale > many switches holy & interest of the
Dala Canter Architechuse -> Key Design Components
Secret Contract Contr
Slowers Devices - July - July - July .
Data Center Architecture > Key Design Components: Servers Storage Devices Infrastructure for networks & communications: Security
Soculary ====================================
Data Center Architecture Components: 4349 0002 - Avador training.
Computer was computed and the made besides
Sola Center Computing 2000 and to - malogal basilions. Data Center storage - dead a shacker attack was ladied.
> Date Center : Networks - book took for thomas with a light of the
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Factors > Uptime > Investment
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Redundancy Fault Folerance level
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Data centre Demands
>> Addings
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> Multitenavez:



	Virtual extensible CAN
/	- VM ware of Cisco -> mitigate, infleribility of limitations of
	networking technologies
	· vses Mac In IP turneling
	. tunnels are stateless.
	· segment end point are switches perform en capsulation & called VTEPs
31,	· each vistual network or everlay is called VXLAN segment-
	· VXLAN segments are identified by a 24 bit segment ID, allowing.
	for up to 224 segments
	· UD p based & port no. for 47 89 (VXLAN) 19
	girls big bushrusses a standard of how never a record
2)	Network Virtulization using GRE. (NVGRE)
	- developed by Microsoft with Intel, Dell & HP.
	- CRE tunnels -> stateless. tomorbus it slaming of the
	- unleast between -> two NV GIE end points -> ounning on switch
	- utilizes MAC-in-IP tunneling-
	- vistual network or everlay is called vistual layer two network.
0 1 20	- packets are unicastive six of stoler whose we
	I beduced fault domain improves inhouse day andering
3)	Statelis Fransport Funneling (ST)
	- utilizes Mac In I hundling.
i,mub 3	- vistual network exists -> Str. Wormand decent
	- context IPs are 64 6its.
	- attemps to acheive performance gains over NVGRE & VOLAN by
	leveraging 10 found in 1010s of many serves
	evelaging TCP found in NICs of many servers. - packets are unicast b/w tunnel find points. - TCP synchronization of flow control.
	- Tel synemonization of flow commen
SDN	
	i) Nobork Vishalization a) Nehoulk Automation & Orchestration
	5) Reducing Security Rules 6) VM communication somplification & connecting
	8) Integrating legacy Newsons 7) wrocks Newsonsing.
Part The	

