Introduction to HLD. Application Assolutectine Application Assolutectine

Application Assolutections
Lis Tech Stack (MERN, Springbook, Djourgo etc)
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Lis Cont Optimization.
Lis Dotabone (SQL, NoSQL, Graphall, Column etc)
Calabelet (terromand to mellions of mens)
Scalabelet (terromand to mellions of mens)

web boomer, request response model "

"client request response model"

"client server model"

"client server model"

Ps Ra RAM. Processing Pomer Radui naa babbi to max out mojay ega.

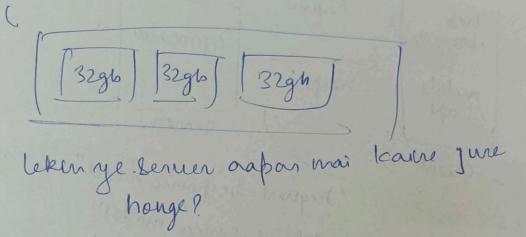
To jab along server to sata mai une kante hurse destarbuted server kente h

Honizontal Scaling V/2 Vertical Scalin

Const Gener Ki RAM enough in h.

32gb -> 64gb -> 1 Theye hota h vertical sealry.

Hom rowal Scalin



(SI) (SI) (SS) (SS) (SS) (SS)

" Data Putegosta"

Destributed System

Se Scalong to aacha

h, leken une

System complex

hojata h.

Metwork Communication

-Rules that Client and Server follow for communication.

NW Protocols (RULB)

OSI model (Tlayer) - Yaha humlog 2 pe jayda Shyandengy

Application -> (HTTP, HTTPE, FTP, SPTP, SMTP, NebRTC, WebSockets)

proce ward

Senion

transport - (TERUPP)
Network

Application layer

Fth-s Ale Transfer Protocol.

Pth-s Ale Transfer Protocol.

SPTD-Secured BTP

SMTD-s Simple mad transfer protocol.

SMTD-s Simple mad transfer protocol.

PDP3/JMAD-s for mad recerving.

TCP > for reliable communication