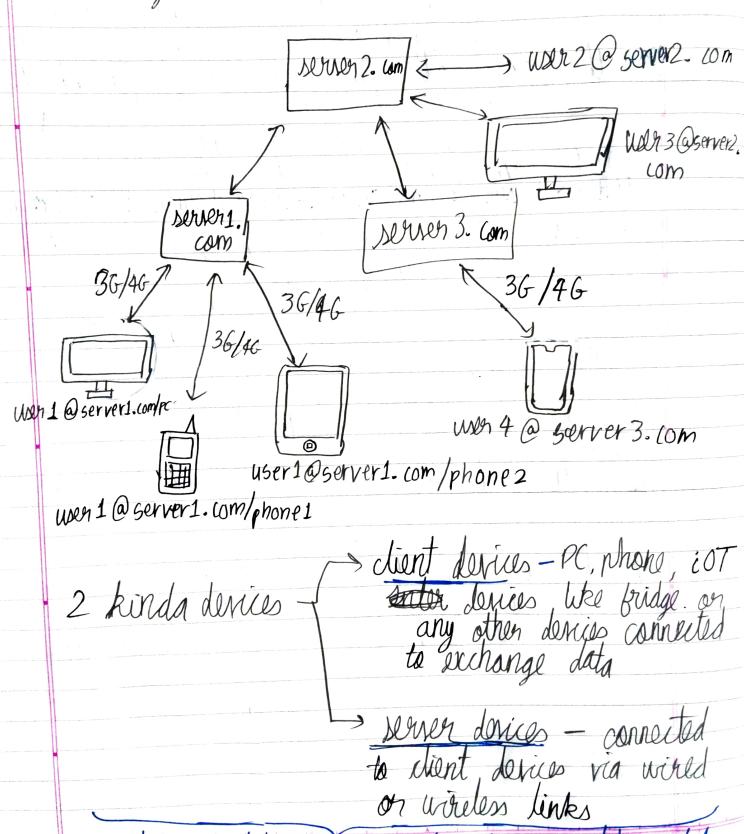
the XMPP Brotocol

Usualize a network of clients and severs connected (wired or wirelessly (36/46)) to exchange data.



Network of devices connected to exchange real time data

Date: M. T. W. T. F. S. S. XMPP (Extensible Messagin & Presence Protocol X -> Extensible -> brotocol extended by 'nonespacing to have new features

M -> Messaging and -> Send I on 1, grp msgs. P -> Prosence -> 'in online status. Covers users' online status. Used to do other stuff also. Salient features alt XMPP: 1) It is the stel bushrint to build world chat sys.
2) Uses XMI [data format) +> It has I very powerful strength - namenacing

3 Namespacing - allows xrypp to do things it wasn't originally designed for

(4) It is a std that allows suchange of data.



pine connects open blu the client & the server and it is thru this pine that msgs

Via serdin leuch other stream files the known a log log of the services file that are sert & reca, on the client & tho sorror the serven F) Stream file - It is where we connect to to 200 what's really see what's happenin is - what the client sent, what the server regranded with XMPP gires a way to connect to this stream STANZA The basic unit of comm" in XMPP 3 types of stanzas 1) Message stanza - Wed to send msg. 2) Presence stanza -> fled to send online status into and to control suscrip status b/w contacts (triendship) (3) IQ (2nfo Guery) starza po bed to get some >Used to apply some Page.

JVMs -> Jara Virtual Machines ->
Smark:
An implem of the XMPP Enotocal for client apps on Java 3E compatible JVM: and Android.
It is an open-source, battle tested library
NOTE:
The most widespread we of XMPP is for Instant Messagin (IM). There are many XMPP series on the interest, all linked up to law other. This IM network is aka Tabler?
ii) Unlike the original IM notworks, XMPP does not require ppl to be usen the same IM service to chat with each other
egi-if someone on jabler.org wants to add someone wing grait. com, on their contact list (called a goster) in XMPP), the servers auto-connect with each other.
(iii) instant mogin presence multi-party that voice & vid calls
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

(iii) - collab great-time comm' -> hightut middleware -> content syndica" -> generalized notation of XM4 data

(ii)