1999 Distributed septems - We for Part & + Deploma. Papers 9+13 · a) either (1) RPC or (ii) c (ore is) A to be described - architectural components o basic operation. e.g. expansion of: interface input trader influta client impar if server expor rinvolce 1/f-ret Sop (app) discribed in a e synchronization of request/response RPC Standard IDL Service · warshal/unmarshal data/arguments layer (platform) · manage iff ref - location for use of OS pertocols OS commo support eg. TCP/UDP - IP - physical. (ii) ORB. object involver object naming of objects with UIDs & bending name - 1D. ORB (platform) name to location binding he we of ospertous marshall/unmarshal argument Synchronization using an RPC-luce pulo col: IOP IDL needed for iff speet + cross-language building.  $\mathbb{N}$ (1) poliny. clients ask perver periodically whether event has occurred.

potentially slew response - com "just miss" event

trequent tests => overload L'emms, infrequent >> sluggish (II) synchronous callback. clients subscribe to server (or mediator) and supply callback on event occurrence, server must make RPC-like call 6 each interested client. can allow fore dies to hold up server i need a'thread in the server In each clust call-complex (iii) asynchronous notification clients pusseine to server or mediator. On event occurrence, server (or nudualse) notifies each client (one-one asynchronous) Can explirit reliability (acts) a multicast y available. 3 same legistration orichead as synchronom causack.