13. PZP network:

- . Application-level organisation of network to flexibly share resources.
- . All notes are equal, communication is directly between notes.
 - · Large combined storage, other personnes.
 - . Dynamic insertion and deletion of nodes.

Tapestry:

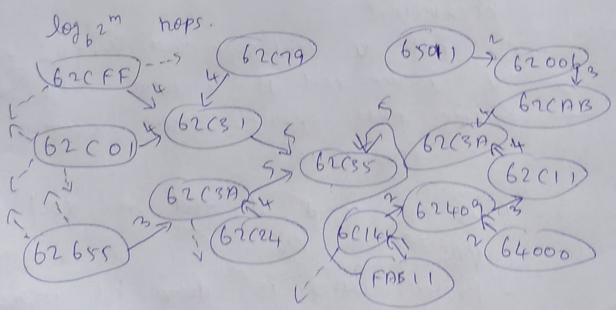
- Nodes are assigned IDs & via a distributed hashing.
 - Hashed nodes are VIDs, hashed objects are GUIDS.
- De space hes m-160 bits, expressed in hexadecimel.
 - oIf note v exists, such that Vid=00 exists, v becomes root. If v donot exist, another unique node sharing largest common presix is surrogate root.
 - · On is stored at root or root has pointed to On.
 - · Prefix routing is done by increasing

prefix match of vext hop's VII with destination DGR. Thus, for example, message destined to OGR=62C35 Could be routed along nodes with VIDs 6 that, then 62th, then 62th,

Tapestry - Routing;

. The nth entry in level in may not exist because no node meets the criterion. So, there is a hole in table.

Surrogate routing can be used to route around holes. If Janth entry is missing, youte to next non-empty entry in level in All Levels from 1 to log, 2th need to be considered in routing, thus requiring



An example of routing from FABII to 62035. is taken. The numbers on arrows show levels of routing table used. Dashed arrows one wrused links.

In RPC, when client requests the server,

Scorver process the request & client has

to wait for reply. At this time, client

can perform other jobs like output/Input

process while server is processing. The

client can send request to other servers

for other jobs.