Using CSMA protocol.

And

Series connect 9 nodes.

Though in CSMA, every node has the same ‘priority’. We can have a “center node ” which always have the control of line(Or Top priority).

About Sync, we can set a delay in every node.

Like

Center ------- Node 1 -------Node 2

Sending command like “li $t0 2”

So inside the Node 1, it will process the command like “delay(2000)” after it receive any command.

Node 2 may have the delay like “delay(1000)” or something. The delay time is depends on the transmit time.