

```
if(netPlan.isSingleLayer() && logicalTopology.equalsIgnoreCase("Transparent"))
{
    this.lowerLayer = netPlan.getNetworkLayerDefault();
    lowerLayer.setName("Physical Topology");
    this.upperLayer = netPlan.addLayer("Logical Topology Transparent","Upper layer of the design","ODU","ODU",null);
    upperLayer.setDescription("Transparent Logical Topology");
    netPlan.removeAllLinks(upperLayer);

    for (Node i : netPlan.getNodes()) {
        for (Node j : netPlan.getNodes()) {
            if (i.getIndex() != j.getIndex())
            {
                netPlan.addLink(i, j, 0 , netPlan.getNodePairEuclideanDistance(i, j), 200000 , null , upperLayer);
            }
        }
    }
}
```