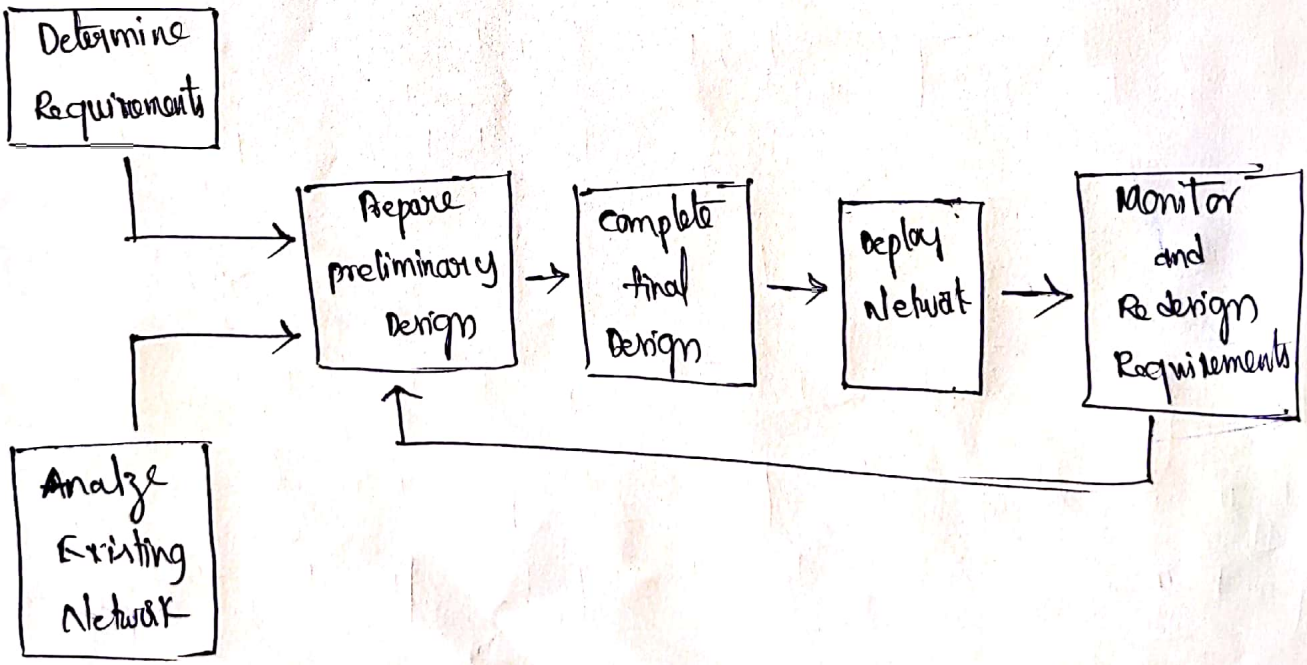
Network Design should include following tasks

1. Determine Requirement
2. Analyze the existing network if one exists
3. prepare the preliminary design
4. complete final design development
5. Deploy the network
6. Monitor and redesign if necessary
7. Maintain document.



Network Design - ongoing proces

1. Determining the Requirement :

- many type of Requirement must be analyze including those are related to Technical and business issue
- Incase of existing network this constraints can be related to what is already present and how the network must be placed.

2. Analyze the existing network if one exists

- Identify and analyze current networks involves learning information about organization of existing network
- Three main frames are used to analyze the customers existing networks

1. Using existing document and interviews with customer
2. Auditing the current network
3. performing the network traffic

3. prepare the preliminary design

- priliminary design involves considering all the networks requirements and constraints and determining alternative solution.

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4. Complete final design development

- Developing final design involves producing detailed drawing configuration - specificating, casting and addressing placeme etc.
- the ~~network~~ ~~work~~ is
- the optimal solution is chosen this solution is later developed into final design / solution.

Deploy the network

5. ~~Monitor and redesign if necessary~~

- the deployment plan must start with plan and ~~sched~~ schedule with includes details of what is be don and how is to be done.

6. Monitor and redesign if necessary

- the network should be monitor for anomalyze (differenc of opion) and problems, if the problem is redesign occurs or if required to change redesign

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7. Maintain document

- All the aggrede requirements and constraints the state of existing network
- prilimiraly design and options and review of existing network
- Final design details
- Result of any pilot (or) prototype testing
- Deployment plan shceduler and other details
- Monitoring the requirements and other related information.

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