# Subntting Sub Network

The site was entered

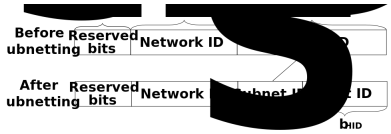


*figure: Subnetwork*

How everyone into day's lecture we will see subnating as usual. Let us start the session with the outcomes upon the completion of is the learner will be able to come number one. We will understand subnetting outcome number two. We will know the procedure to **sub net** a network let us start with the **classfull addressing**. We know there are five classes of ip four **addresses class** a b, c, d and e and we know class a b and c for our purpose. For example, if we want a create two networks and we want en computers in each network, obviously, we need to go for class and we know class we can have a maximum of two fifty four usable s or usable i addresses. But our requirement is just for one network so **classful addressing** of s was ip addresses. And that is why we are migrating from class ful world to class liswork and **classless addressing** is possible with the help of subnating lets subnatig. What is this **subntting sub network** or sube **logical subdivision** of **ip network**? for example, if we have an ip network and we are going to create a logical subdivision of the netork, say how many computers should belong to this network, how many computer should belong to the other network. And this kind of **logical subdivisions** are created using the subnating concept

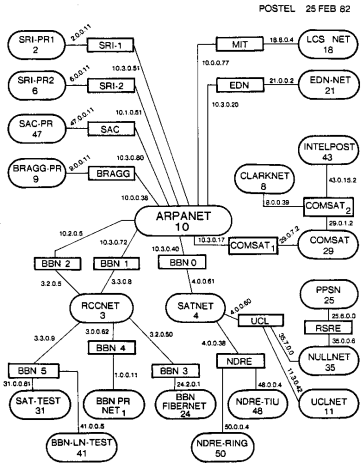


*figure: Classful network*

And the practice of dividing a network into two or more networks is called. Sub nating computers that belong to a **sub net** or addressed with an identical, most significant bit group in the ipi

addresses. How does the computer come to know whether the computers are belonging to its own network or other network? it is decided based on the most significant bid i will explain about this third point when we see some examples un sub nating for time being

## Related Links

https://en.wikipedia.org/wiki/Subnetwork

https://en.wikipedia.org/wiki/Classful_network

https://en.wikipedia.org/wiki/Classless_Inter-Domain_Routing

https://en.wikipedia.org/wiki/Internet_protocol_suite

https://en.wikipedia.org/wiki/Classful_network

https://en.wikipedia.org/wiki/Subnetwork

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