

# Physical Network Segmentation

## Questions

1. What is a demarc point?  
A demarc point is the physical point at which the public network of a telecommunications company (example: a phone or cable company) ends and the private network of a customer begins, this is usually where the cable physical enters a building.
2. What is the significance of a demarc point?  
Determining who has a problem with a connection.
3. What is a Main Distribution Frame?  
The MDF is where all the cables come back together.
4. What is an Intermediate Distribution Frame?  
An IDF is similar to an MDF but you can distribute many IDF's throughout a building.
5. Why use an IDF?  
You won't have cables running around everywhere.
6. In a conventional small network, where would you expect to find the MDF?  
At the bottom or center of the network
7. If you had a network that covered five floors in a building, how many IDF(s) and MDF(s) would you expect to have?  
You might expect to have one IDF for each floor, and an MDF on the ground floor.
8. What purpose does an IDF serve?  
You won't have messy cables running on multiple floors.