Support for Mobile NHRP Devices

NEC & CiTR

Auto Configuration of NHRP Clients

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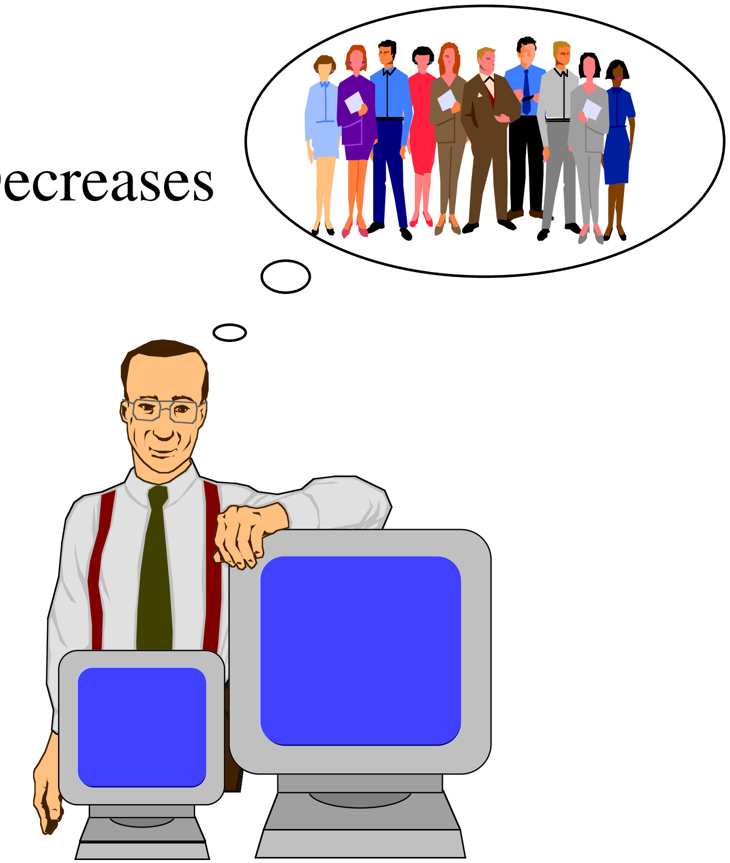
"Painful" Task

- Configuration of large number of Clients
  - Physical topology changes:
    - Clients Move & # Increases/Decreases
    - Servers Move/Disappear
  - Logical topology changes
    - LIS membership changes
    - New LISs are generated
  - LIS is very dynamic



Configuration

Auto Configuration of NHRP Clients

- When we need it ?
  - When NHS (NHRP Server) moves
  - When NHC (NHRP Client) moves
  - When LIS member ship changes
  - (Always if NHRP supports more than one LIS)
- Why not Configuration Server ?
  - Configuration server needs “Configuration” for all the above cases