

List of Review Questions for Midterm Exam 3 (Closed-book exam. A calculator without any communication function is allowed. No cheat sheet)

1. Understand how NAT works. Remember the detailed steps when a node behind NAT establishes a TCP connection with a remote node.
2. Remember the format of ICMP error message when the Type = 11.
3. Understand ARP: its purpose, the detailed steps in the procedure of finding the mapping from an IP address to an MAC address.
4. Understand the concept of AS. Understand the hot-potato routing algorithm in BGP.
5. Understand the basic operations in CSMA/CD. In particular, know how to calculate the minimum frame length in CSMA/CD.
6. Understand the basic operations in IEEE 802.11 CSMA/CA mechanism. Pay special attention to the five diagrams of IEEE 802.11 examples posted in connexion ([IEEE802.11-Diagram](#)).