

Harvard University
CSCI S-40, Communication Protocols and Internet Architectures

Reading Assignment for Lecture 5

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- In the course textbook Internetworking with TCP/IP Volume One - 6th Edition
 - * Read chapter 8
 - * In chapter 9, read sections 9.1 through 9.9
 - * Read chapter 12
 - * In chapter 13, read sections 13.1 through 13.5
 - * In chapter 14, read sections 14.1 through 14.12, but skip 14.8
- Read RFC 2453 (RIPv2) pages 1 through 22, but skip sections 3.4.3 and 3.4.4. Note that when reading RFCs on routing protocols such as RIPv2, OSPF, and BGP, you should focus on the protocol's design and the purpose of the different PDUs, not the format or syntax of the individual packet headers.
- Read section 1 of RFC 2328 (OSPF), but just review the definitions in section 1.2
- Now that we have studied LANs, IP and routing, we will discuss the technical details of VLANs in lecture. Do some additional research on VLANs and review the material that was previously assigned on this topic to prepare for this discussion.
- We will be studying IPv6 this term and a good place to start your research on this topic, and to learn the current status of the transition to this new protocol, is the Internet Society.
<https://www.internetsociety.org/issues/ipv6/>
<https://www.internetsociety.org/deploy360/ipv6/>

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