**Supplemental Videos and Reading for Chapter 5**

**Video Links:**

[Internet Architecture](https://www.youtube.com/watch?v=qrG0bS-JuTo)

[Autonomous Systems](https://www.youtube.com/watch?v=CT4xaXLcnpM)

[Types of ISP Connections](https://www.youtube.com/watch?v=NHbpurxyI0I)

[DNS Simply Explained](https://www.youtube.com/watch?v=NHbpurxyI0I)

[What is DHCP and How does it Work?](https://www.youtube.com/watch?v=NHbpurxyI0I)

[HTTP vs HTTPS](https://www.youtube.com/watch?v=Ia7SACJDkaU)

[Email Protocols: SMTP, IMAP, and POP](https://www.youtube.com/watch?v=0F1JP78JAPE)

[TCP vs UDP Comparison](https://www.youtube.com/watch?v=uwoD5YsGACg)

[IPv4 vs IPv6: What is the Difference?](https://www.youtube.com/watch?v=uwoD5YsGACg)

[What is IPsec?](https://www.youtube.com/watch?v=uwoD5YsGACg)

[Internet vs Intranet vs Extranet](https://www.youtube.com/watch?v=5boN5SrrlWQ)

**Supplemental Readings:**

[What is an Autonomous System? What are ASNs?](https://www.cloudflare.com/learning/network-layer/what-is-an-autonomous-system/)

[Single Homed, Dual Homed, and Multi Homed Connections](https://networklessons.com/cisco/ccna-routing-switching-icnd2-200-105/singledual-homed-and-multi-homed-designs#:~:text=Dual%20homed%3A%20you%20are%20connected,two%20ISPs%20using%20dual%20links.)

[What is the DNS?](https://www.infoblox.com/glossary/domain-name-system-dns/)

[What is DHCP? How does it Work?](https://www.simplilearn.com/tutorials/cyber-security-tutorial/what-is-dhcp-server-and-how-it-works)

[The Difference Between HTTP and HTTPs](https://aws.amazon.com/compare/the-difference-between-https-and-http/)

[What are Email Protocols? POP3, SMTP, and IMAP](https://www.siteground.com/tutorials/email/protocols-pop3-smtp-imap/)

[TCP vs UDP: Understanding 10 Key Differences](https://www.spiceworks.com/tech/networking/articles/tcp-vs-udp/)

[What is the Difference between IPv4 and IPv6?](https://aws.amazon.com/compare/the-difference-between-ipv4-and-ipv6/)

[What is IPsec?](https://aws.amazon.com/what-is/ipsec/#:~:text=IPSec%20is%20a%20set%20of,make%20the%20protocol%20more%20secure.)

[Intranets vs Extranet: What's the Difference?](https://axerosolutions.com/blog/intranets-vs-extranets-what-s-the-difference)