Annotated Bibliography

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**Annotated Bibliography**

Horwitz, L. (2019, December 9). *The future of networking: A guide to the intelligent network*. Cisco. <https://www.cisco.com/c/en/us/solutions/enterprise-networks/future-of-networking.html>

This article discusses the modernization of legacy infrastructure, poor system integration, and underperforming programming teams. The article further provides resources regarding network architecture, application development, networking and security strategies, and intelligent networking. A large talking point of this article is the virtualization of hardware of outdated networks in a modern age.

IBM Cloud Education. (2019, June 19). *Networking*. IBM. <https://www.ibm.com/cloud/learn/networking-a-complete-guide#:%7E:text=where%20to%20go.-,How%20do%20they%20work%3F,fiber%20optics%2C%20or%20wireless%20signals.&text=Each%20device%20on%20a%20network,other%20devices%20to%20recognize%20it>.

This article focuses on an introduction to networking, how computer networks work, the architecture used to design networks, and how to keep them secure. The article is a top-down, or general, view of the concepts of networking including; architecture, security, component, and delivery methods related to the subject

Melnick, J. (2019, October 4). *Network Devices Explained*. Netwrix Blog. <https://blog.netwrix.com/2019/01/08/network-devices-explained/>

 This article provides an insight into different networking devices and will deliver a basic idea about why and how they are important in the computer world. The article goes on to talk about the devices or hardware that is needed for communication and interaction between hardware on a network.

Snyder, J. (2003, June 1). *Designing a defense-in-depth network security model*. SearchSecurity. <https://searchsecurity.techtarget.com/feature/Designing-a-defense-in-depth-network-security-model>

This article was a study on how major switch, wireless and firewall vendors would design a defense-in-depth network security model from the outside in. The results of the study where to discusses their responses to give us a glimpse into the future of enterprise network security.

*What is a Network Diagram*. (n.d.). Lucidchart. Retrieved September 27, 2020, from <https://www.lucidchart.com/pages/network-diagram#section_1>

This website helps educates users on how to build network diagrams and how to identify the different topologies, symbols, and layouts that go into creating a network. This source heavily focuses on network diagrams and how they are a visual representation of a computer or telecommunications network that shows the components that make up a network and how they interact, including routers, devices, hubs, firewalls, etc.