Questions 04-16-2018

DISTRIBUTED SDN CONTROL: SURVEY, TAXONOMY, AND CHALLENGES:

This article discusses existing software-defined network designs including the ONOS platform. It examines logically and physically centralized and distributed SDN platforms which each have their trade-offs. How do we think that we could apply the knowledge from this article to the topic of cyber security? How might we be able to use a distributed SDN in this context? Or protect one?

ONOS: towards an open, distributed SDN OS:

This article discusses open network operating system that provide performance, scalability, and availability of large operator networks. With this architecture and design in mind, how might we begin to contemplate the topic of security including intrusion detection and prevention? It will be different for a system of this nature.The authors mention conducting research in the area of managing applications' permissions. What else may be a consideration?