It is interesting to hear how many different routing attacks there are for BGP alone. Knowing that BGP is a distance vector protocol, it is trusting its neighbors can be a huge vulnerability. One of these vulnerabilities can be an attacker advertising a network that is only one hop away or being an AS number that it is not so that traffic will be routed to that area. This makes getting CA Domain Control certificates hard to get because someone can intercept the validation of a website and send back a response instead of the validating party sending the correct response back. Their solution was to implement a way where there would be multiple points of validation and the probability of a man in the middle attack occurring would go down. There policy implemented was that at least one primary validation authority and two remote Vas must succeed to get the website validated. Another attack on these VA sources would be to broadcast a network smaller than the original domain which could route all traffic to that source making the multiple VA validation technique obsolete. Overall this video showed me that BGP is an amazing routing protocol that can do powerful things, but can be easily manipulated and misdirected.