Lecture 7 Readings

The Domain Name System and the Border Gateway Protocol. Protecting them from attack.

1 Readings

• How Secure are the Root DNS Servers? by Susan Baranowski

• Chapter 6.1 of Introduction to Computer Security

2 Optional Resources

• The New Threat: Targeted Internet Traffic Misdirection by Jim Cowie, Renesys blog post, November 19, 2013

• a three minute video showing how YouTube IP address was hijacked by Pakistan Telecom Internet communications.

• Net Of Insecurity: The long life of a quick ‘fix’: Internet protocol from 1989 leaves data vulnerable to hijackers by Craig Timberg