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Incident Response: Engineering a more resilient internet

Security incidents often seem unavoidable. We read about the compromise of personal or corporate data in the news on what appears to be a daily basis. In this talk, we will cover how the state of incident response, or dealing with these types of major incidents, has changed. It will take a look back at how major incidents affect us as internet users, starting with the Morris Worm, looking in detail at Stuxnet and Duqu, the major Distributed Denial of Service attacks that regularly affect internet exchanges, and Heartbleed. By going through the technical mechanics of how multiple companies had to partner on these incidents, the presentation will explore how each changed the way we approach security, and companies, governments and academia need to partner to mitigate them.

These incidents will show how the response to an incident really isn't just an engineering problem, at times it takes a bit of science, and a bit of art as well. This talk will show what it takes to protect 'the internet', and how a league of defenders across the world is stepping up to give all it takes to safeguard its potential. By looking at the big picture, the presentation will identify key steps organizations should take to better protect themselves and their customers.