

“It takes 20 years to build a reputation and a few minutes of cyber-incident to ruin it.”

Stephane Nappo
Cyber Security Expert

Test Your Cyber Security Knowledge

BY KUTUB THAKUR, PH.D.

The Cyber Security Club at New Jersey City University is a student-run organization focused on Cyber and Information Security topics. The club, open to the NJCU community, provides free training using advanced technologies in digital forensics, log analysis, server configuration and hardening, virtualization, ethical hacking, threat research and industry leading certificates training, all in a state-of-the-art cyber lab. The lab, a Simulated Command Center with a Cyber Lab, is located in the Professional Studies building on the main campus, and is semi-SCIF with its own networking, making it secured and isolated from the rest of the University network traffic. The executives in the club are certified professionals in the industry. If you would like to be part of the club or for more information, email securitystudies@njcu.edu.

THE PROBLEM

- What was the most used password of 2017?
- What type of security certificate does www.google.com utilize online?
- What specific devices were targeted by Stuxnet in Iranian Nuclear Plants?
- Who issued the security certificate for <https://GothicNet.NJCU.edu>? (Hint: six-letter company)
- What company holds the title for the biggest data breach in the United States?
- Small businesses are safe from cyber attack(s)? (True/False)
- What city was affected by Industroyer? (Hint: It's in Ukraine)
- What is the name of a large network of compromised machines?
- Which vulnerability in SSL from early 2014 made it into the media for its severity? (one word)
- What TCP port does the HTTP protocol commonly use?

Dr. Thakur worked for various public and private entities. He is the author of several scientific journals, book chapters, and conference publications. Dr. Thakur is certified in computer hacking and forensics investigations. His research areas are in cyber security, Crypto-resilient attacks, forensics and machine learning.



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Illustrator: William Low
Pulaski Skyway

The construction of the Pulaski Skyway began as part of a larger 13-mile Route 1&9 Extension project in the 1920s. It opened on November 24, 1932. Its design improved traffic flow from Newark to Jersey City and reduced transportation costs. The Pulaski Skyway is included in the National Register of Historic Places because of its age, length and unique design features. The bridge crosses the Passaic and Hackensack Rivers. The bridge was closed for over four years for repairs. It reopened on July 2, 2018.