

Scenario for the game

As a participant, you are offered an internship in the “Kingdom of Banania” as a system administrator of Bananian e-Government. Your tasks include administration and maintenance of various government websites and e-services, e.g. www.banaania.ban and www.e-banaan.ban.

Soon you will discover that the websites are riddled with various well-known vulnerabilities which are already being actively exploited for different pranks and web defacement. You are tasked to restore the websites and patch the vulnerabilities.

During the repairs you discover that the website of the largest newspaper of Banania www.bandeemia.ban displays ever more nonsensical news. The journalists ensure that they have never seen those (and some hint a possible political diversion by the neighboring “Empire of Pineapplia”).

After several desperate (and unsuccessful) attempts by various counselors, King Bananius XII Magnus appoints you as a promising hacker to clean up the mess. If successful, you are promised a lifetime supply of bananas from the Royal Banana Garden. Should you fail, your fate will instead be a lifetime of hard labor at the Banana Curvature Measurement Tool Calibration Office.

Your defense includes restoration of disrupted systems and patching various security holes (every participant will have a small private network that will be constantly under attack during the competition).

Assessment

The Cyber Exercise will assess:

1. unhindered functioning of the systems (users can access the sites during the defensive activities)
2. attack-proofing of the systems (known vulnerabilities are patched)
3. recovery after incidents (the systems must be back online after dealing with a successful attack)
4. finding vulnerabilities in the organization's information systems
5. identification of attackers (IP addresses, log records pointing at the perpetrators)