Class Notes

Monday September 20th, 2021

**Thursdays Video**:

Connect the 3 challenges together, show a mockup of the website, and describe the course contents that the challenges pull from. The challenge should introduce something new. The level of the challenges should be appropriate for a senior in college.

Must be deployed in the picoCTF.

**What Makes a Challenge Fun**:

* When the title/description includes a hint on how to solve it
* Theme
* More than one way to solve the challenge
* Teaching something new
* Useful knowledge gained
* Surprise (Use points to give an idea of how hard it is not to leave people in the dark)

**What Makes a Challenge Not-Fun:**

* Guessing
* Obscure requirements
* Brute Forcing
* No clear directions, too open ended

**Single Sign On:**

The website auth token from SSO and the one the user gets from SSO are different

**Defense In-Depth:**

Layers of security which ensure a secure application or service. Anything can be hacked, so its important to have security redundancies in order to protect data.