

Command Line CTF

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Overview

overthewire.org created a set of machines (we will use the one they call Bandit) with command line based puzzles to solve to move to the next level of the machine. It's a capture the flag of sorts that allows for some practice of command line utilization. For this assignment, because so much of what we do in this course requires some command line skills, this allows for a gamified practice of these skills. We will spend some time today in class for you to attempt the first 21 levels (that is, you have solved the 20 – > 21 puzzle). Purdue's Research Computing group uses this as their new employee training, and these are the types of command-line things that new tech employees get asked on interviews.

The Tasks

Navigate to overthewire.org/wargames/bandit. Read the note for beginners, and then complete your way through the levels.

Your submission will be a labeled table containing the following information: the bandit level completed, the command(s) used to complete it, and the key discovered to move on to the next level.

While there are definitely write-ups out there in the world that will just give you these answers, that's no fun and certainly not going to help you with your labs, your job interviews, or your future jobs. If you get stuck, feel free to ask any of the instructional team members or even another student for help. If you are asked for help, don't give the answer – try to just give a hint that leads in the right direction.