

- Filename: eccouncil-ceh31250-v12-2-3-1-shodan-and-censys.md
- Show Name: CEHv12 (312-50)
- Topic Name: Footprinting and Recon
- Episode Name: Shodan and Censys

Shodan and Censys

Objectives:

- Footprint a target using IoT search engines for details such as deployed technologies, VoIP, and VPN
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- We've looked at many different ways to gather information about a client/target, but we've mostly talked about searching for user/org/web info. What about the actual technologies and internet connected devices? How would we get that kind of info?
 - Shodan and Censys
 - Let's start off with Shodan. What are some of the details about Shodan we need to know?
 - <https://help.shodan.io/the-basics/what-is-shodan>
 - Shodan Demo
 - <https://beta.shodan.io/search/filters>
 - `filter_name:search_string`
 - `printer port:21`
 - `camera has_screenshot:true`
 - <https://www.shodan.io/explore>
 - Shodan seems pretty useful, but you mentioned Censys. How does Censys differ?
 - <https://about.censys.io/>
 - Censys Demo
 - <https://search.censys.io>
 - Search for **itpro.tv**
 - Summary
 - View All Data
 - Explore
 - History
 - WHOIS