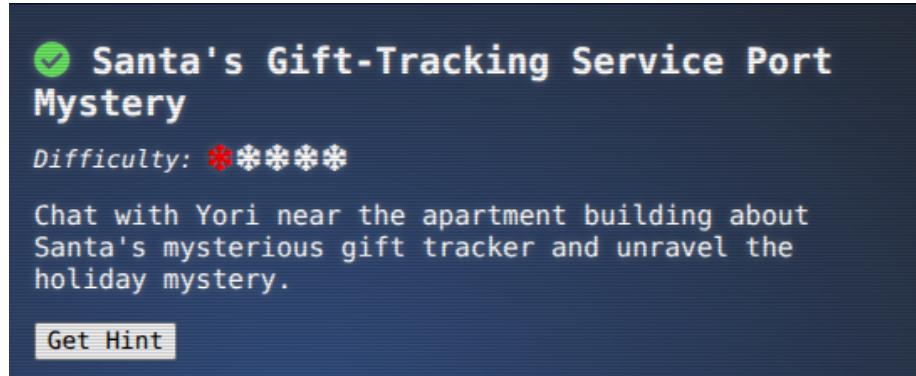


Objective “Santas Gift Tracking Service”



Task and Solution

We should learn on how to detect open ports on a server

```
Your task:  
1. Use the 'lsof' tool to identify which port the santa_tracker process is  
listening on  
2. Connect to that port to verify the service is running  
HINT: The ss command can show you all listening TCP ports and the processes  
using them. Try: ss -tlnp  
Good luck, and thank you for helping save the neighborhood's Christmas spirit!  
[tinkerer@Santa Tracker ~]$ ss -tlnp  
State Recv-Q Send-Q Local Address:Port Peer Address:Port Process  
LISTEN 0 5 0.0.0.0:12321 0.0.0.0:  
[tinkerer@Santa Tracker ~]$ curl http://localhost:12321  
{  
  "status": "success",  
  "message": "\ud83c\udcf84 Ho Ho Ho! Santa Tracker Successfully Connected! \ud83c\udcf84",  
  "server_time": "2024-01-05 07:16:08",  
  "location": {  
    "name": "Evergreen Estates",  
    "latitude": 40.666685,  
    "longitude": -128.598713  
  },  
  "movement": {  
    "speed": "1435 mph",  
    "distance": "1515 feet",  
    "heading": "227.06600 SW"  
  },  
  "delivery_stats": {  
    "gifts_delivered": 3999414,  
    "cookies_eaten": 26378,  
    "milk_gallons": "1000000 gallons",  
    "last_stop": "Evergreen Estates",  
    "next_stop": "Holly Berry Hills",  
    "time_left": "32 minutes"  
  },  
  "reindeer_stats": {  
    "rudolph_nose_brightness": "red",  
    "favorite_reindeer_joke": "What's Rudolph's favorite currency? Sleigh bells!",  
    "reindeer_snack_preference": "magical carrots"  
  },  
  "weather_conditions": {  
    "temperature": "45 degrees",  
    "condition": "Light snowfall"  
  },  
  "special_note": "Thanks to your help finding the correct port, the neighborhood can now track Santa's arrival! The mischievous gnomes will be caught and will be put to work wrapping presents."  
}  
[tinkerer@Santa Tracker ~]$
```