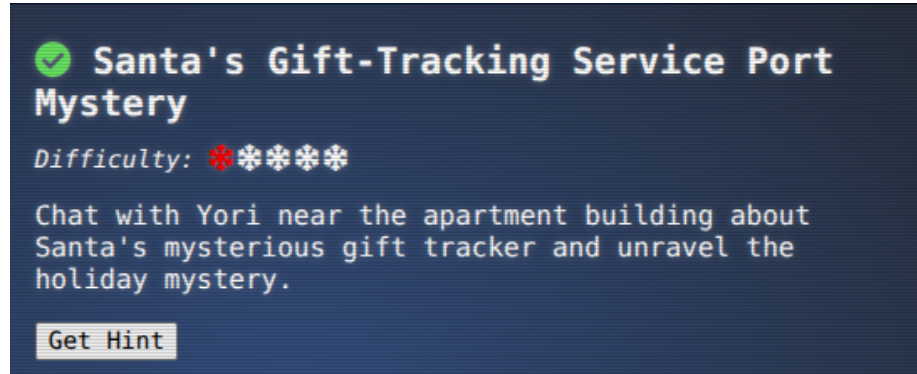


## Objective “Santas Gift Tracking Service”



### Task and Solution

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

```
Your task:
1. Use the ss 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!

- The Neighborhood Tinkerer ^
tinkerer @ Santa Tracker ~$ ss -tlnp
State     Recv-Q      Send-Q      Local Address:Port      Peer Address:Port      Process
LISTEN     0            0            *:*                      *:*                      ss
tinkerer @ Santa Tracker ~$ curl http://localhost:12321
{"status": "success",
 "message": "\u003c\u003c\u003c\u003c Ho Ho Ho! Santa Tracker Successfully Connected! \u003c\u003c\u003c\u003c",
 "santa_tracking_data": {
   "timestamp": "2020-01-05 07:16:00",
   "location": {
     "name": "Evergreen Estates",
     "latitude": 40.856589,
     "longitude": -120.540713
   },
   "movement": {
     "speed": "1435 mph",
     "altitude": "5120 feet",
     "heading": "227\u00b00800 S\u00b0"
   },
   "delivery_stats": {
     "gifts_delivered": 3999414,
     "cookies_eaten": 20379,
     "milk_consumed": "594 gallons",
     "last_stop": "Evergreen Estates",
     "next_stop": "Holly Berry Hills",
     "time_to_next_stop": "12 minutes"
   },
   "reindeer_status": {
     "rudolph_nose_brightness": "90%",
     "favorite_reindeer_joke": "What's Rudolph's favorite currency? Sleigh bells!",
     "reindeer_snack_preference": "magical carrots"
   },
   "weather_conditions": {
     "temperature": "40\u00b0F",
     "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."
 }
}
```