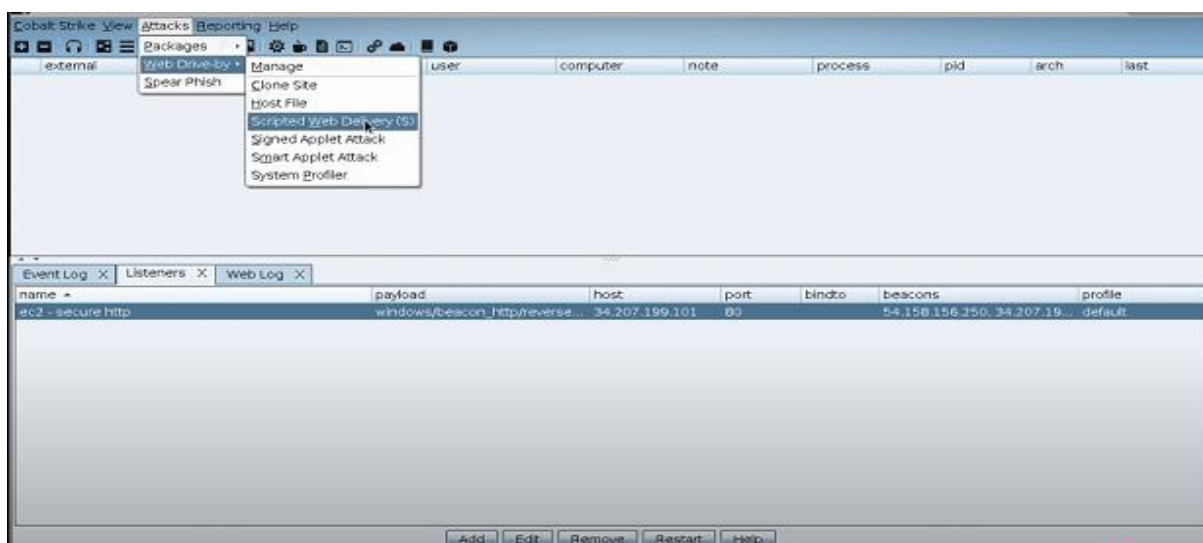
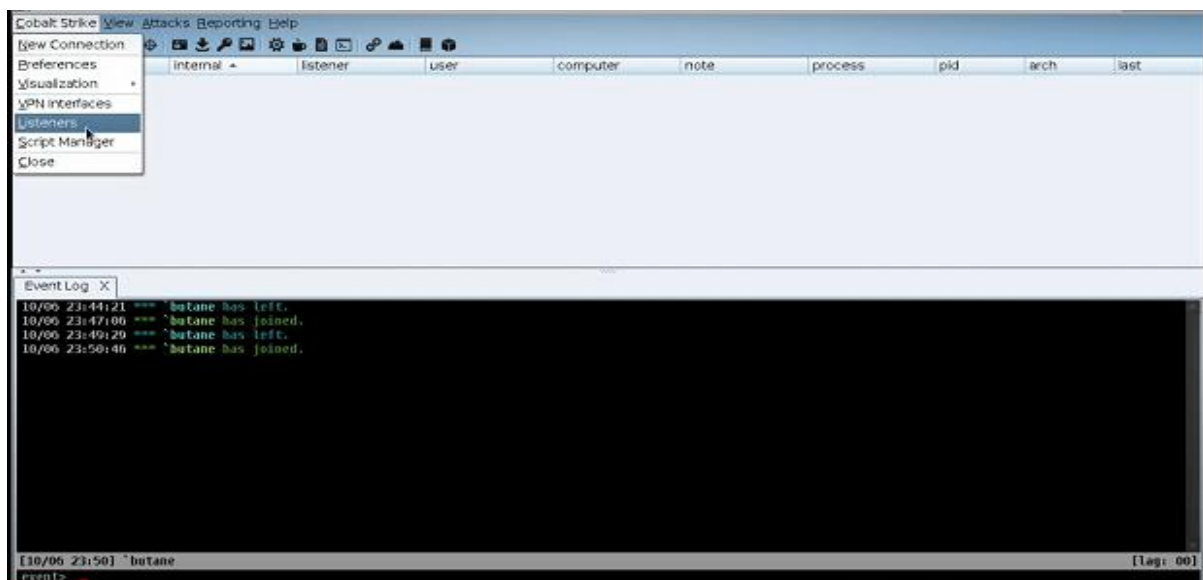




## 1. Advanced C2 Lab

### Activities:

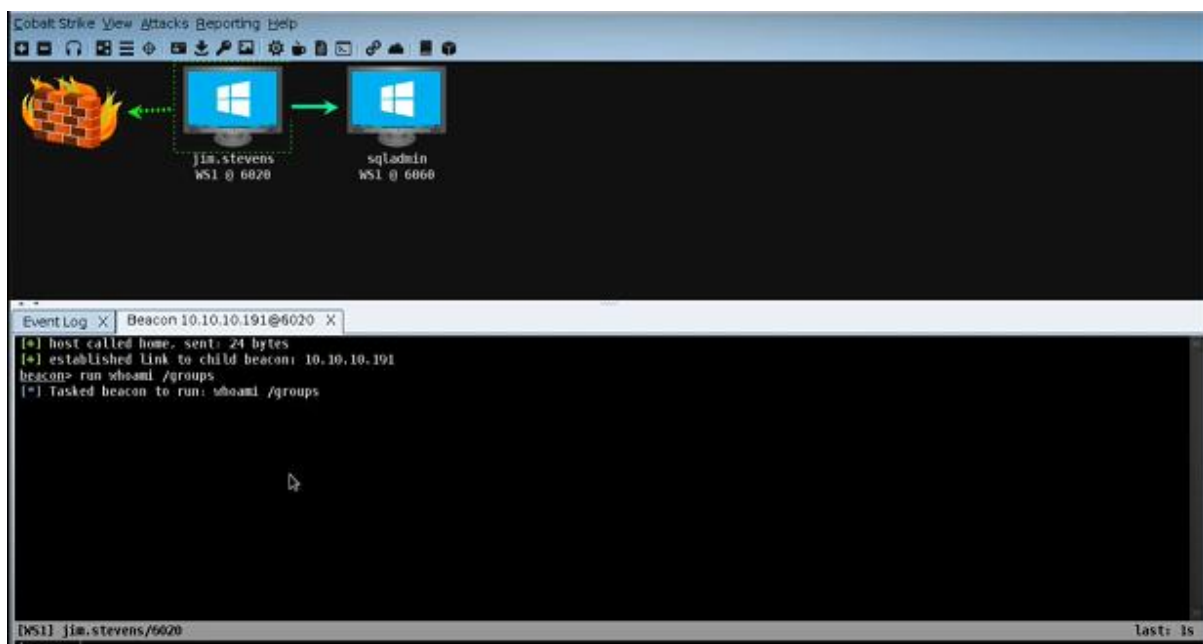
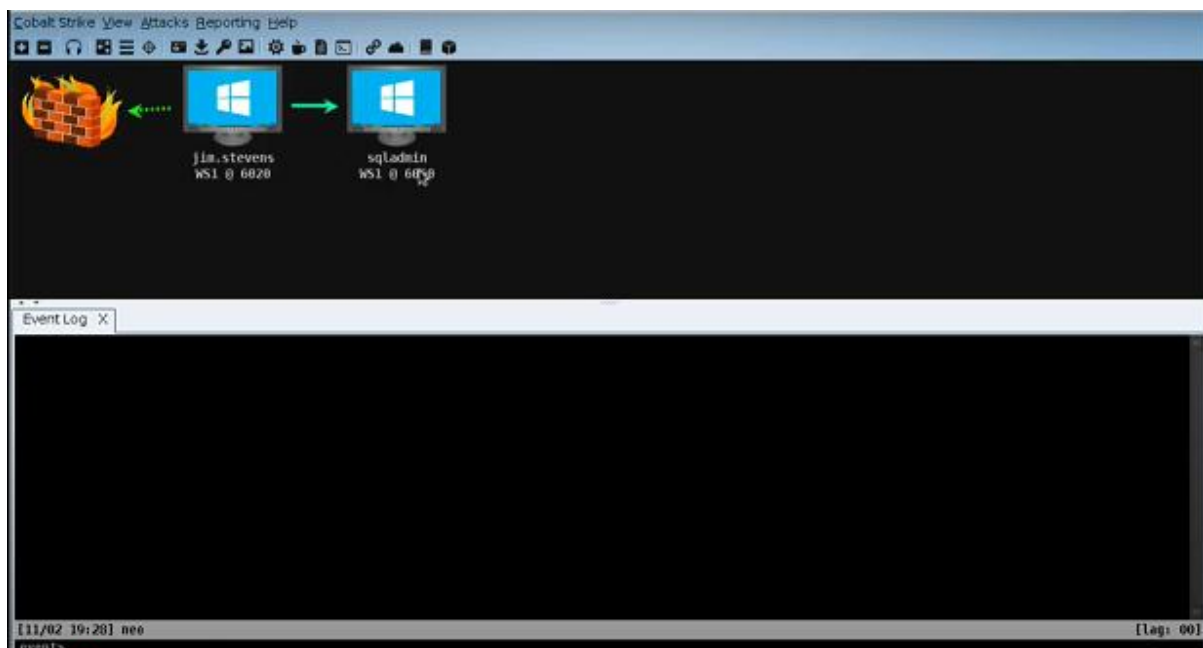
- **Tools:** Cobalt Strike, PoshC2, Metasploit.
- **Tasks:** Set up a C2 infrastructure, manage sessions, customize payloads.
- **Brief:**
  - C2 Setup: Configure a Cobalt Strike HTTPS beacon in a lab. Establish a session with a Windows VM.

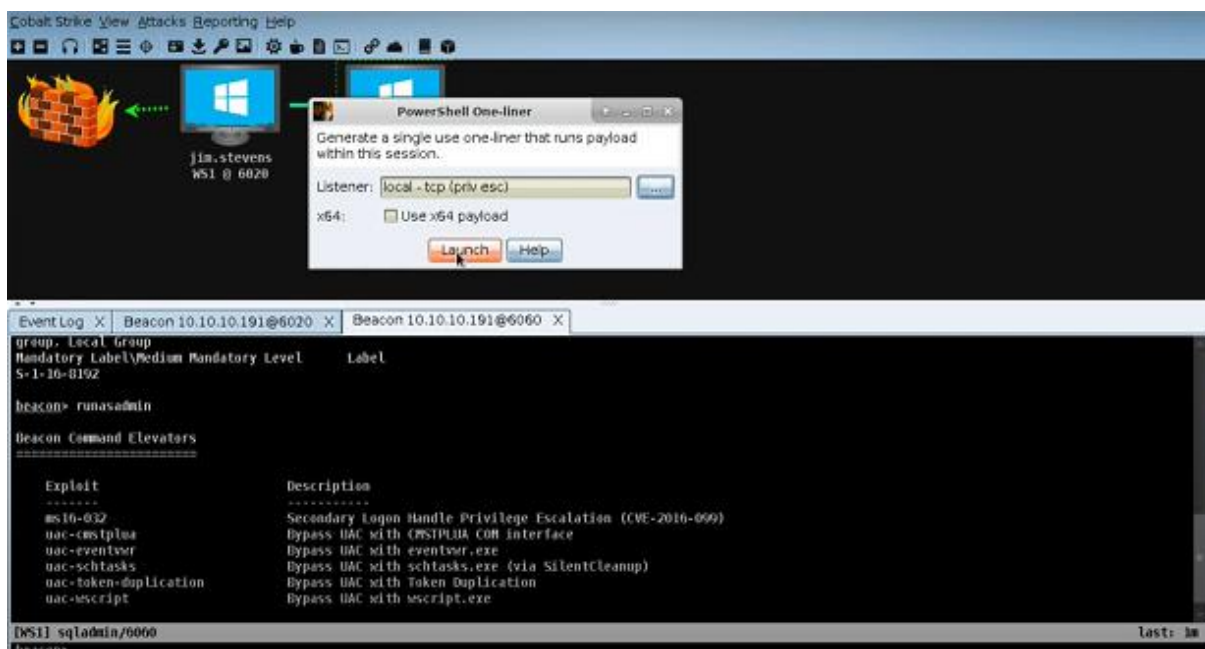
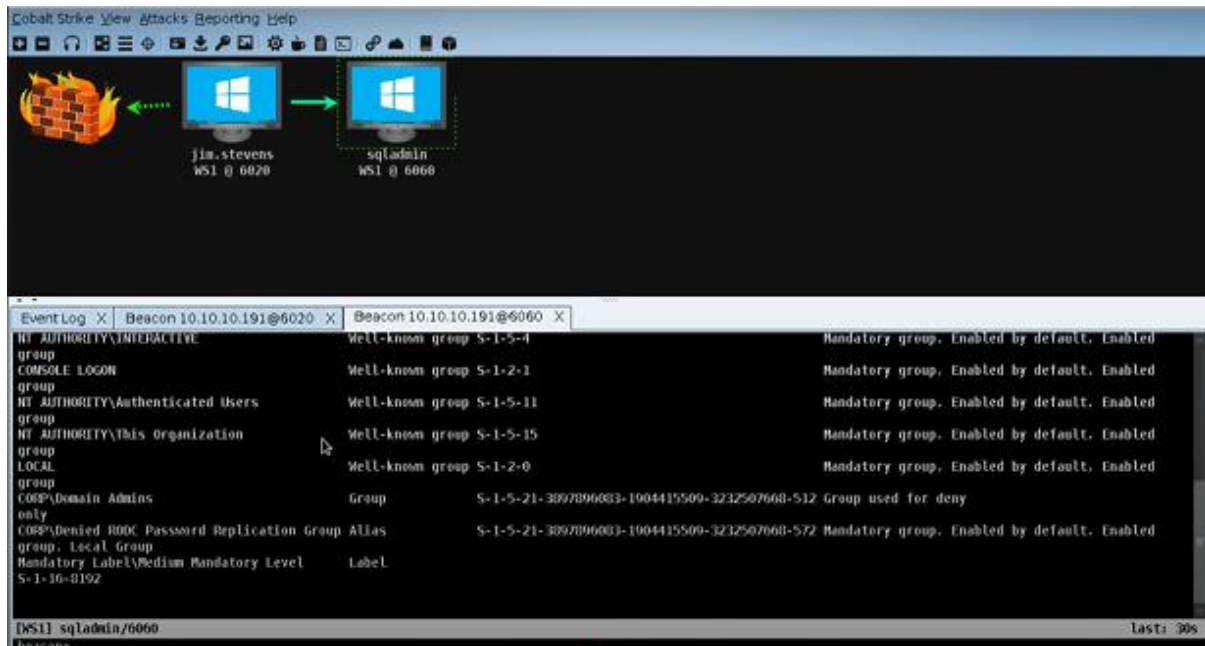


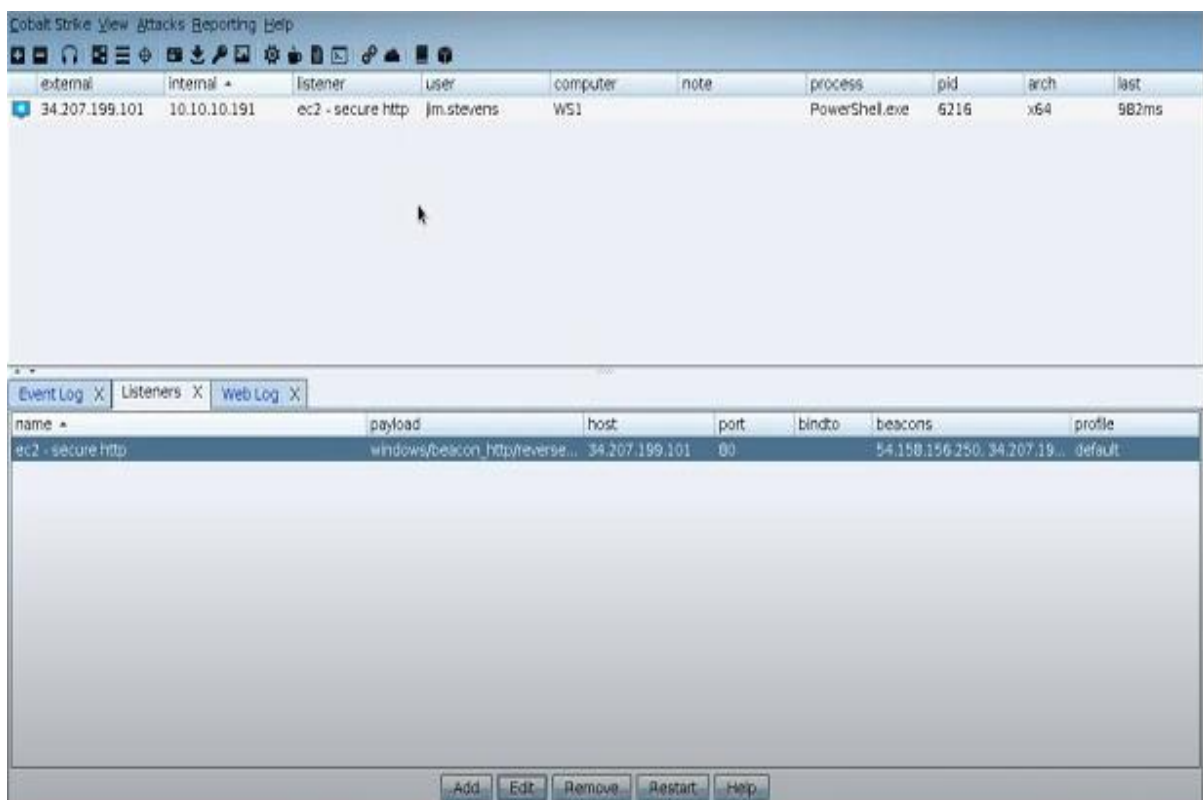
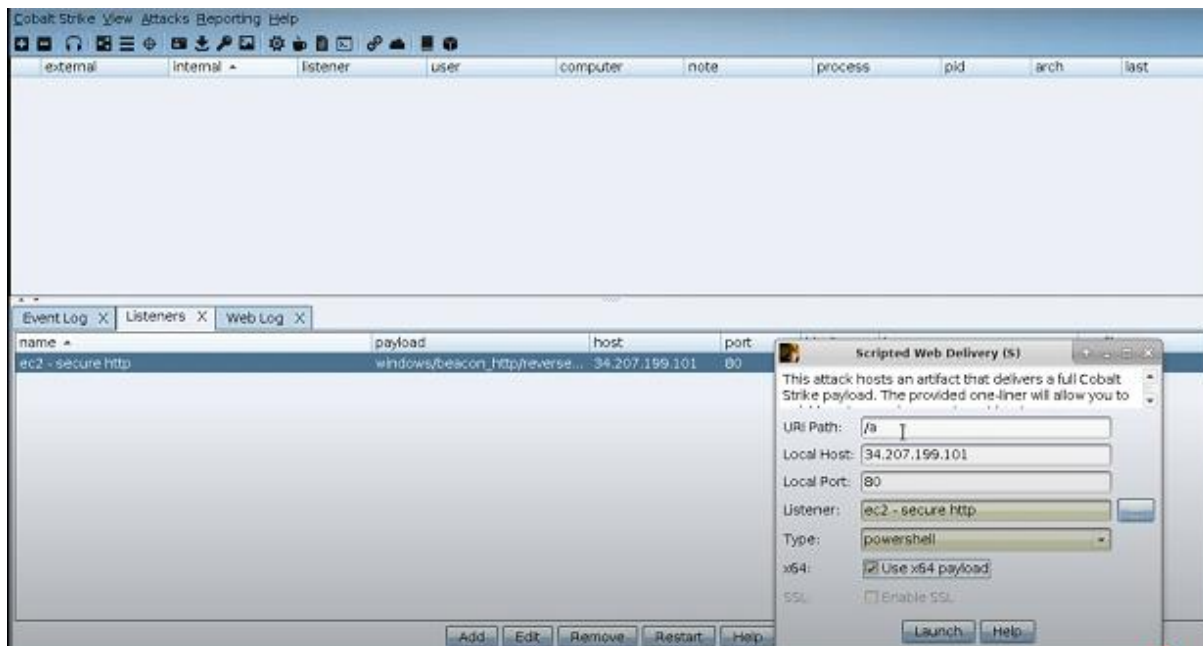


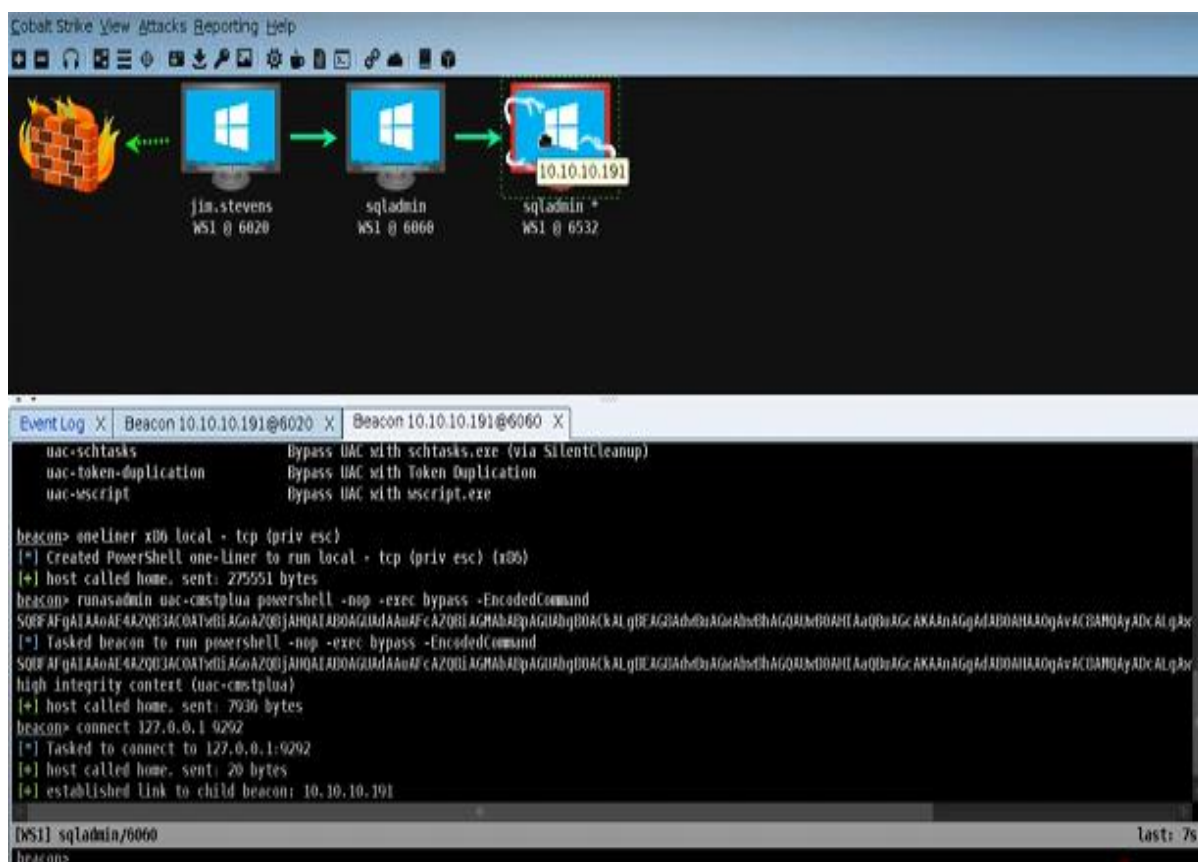
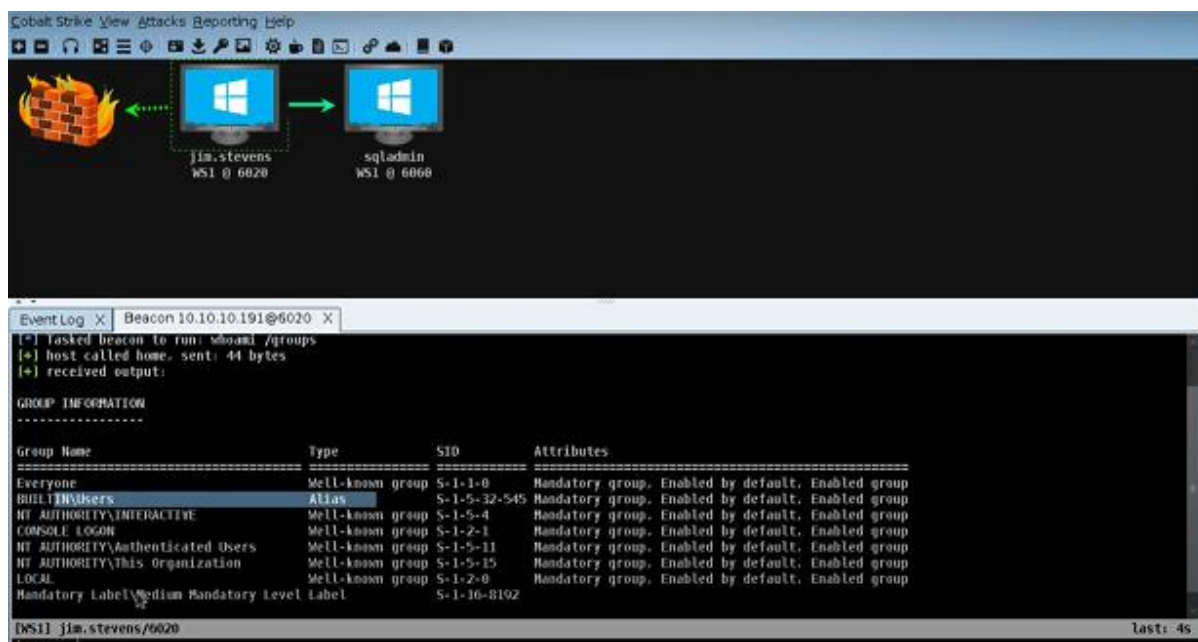
- Payload Customization: Generate a stageless PowerShell beacon. Log:

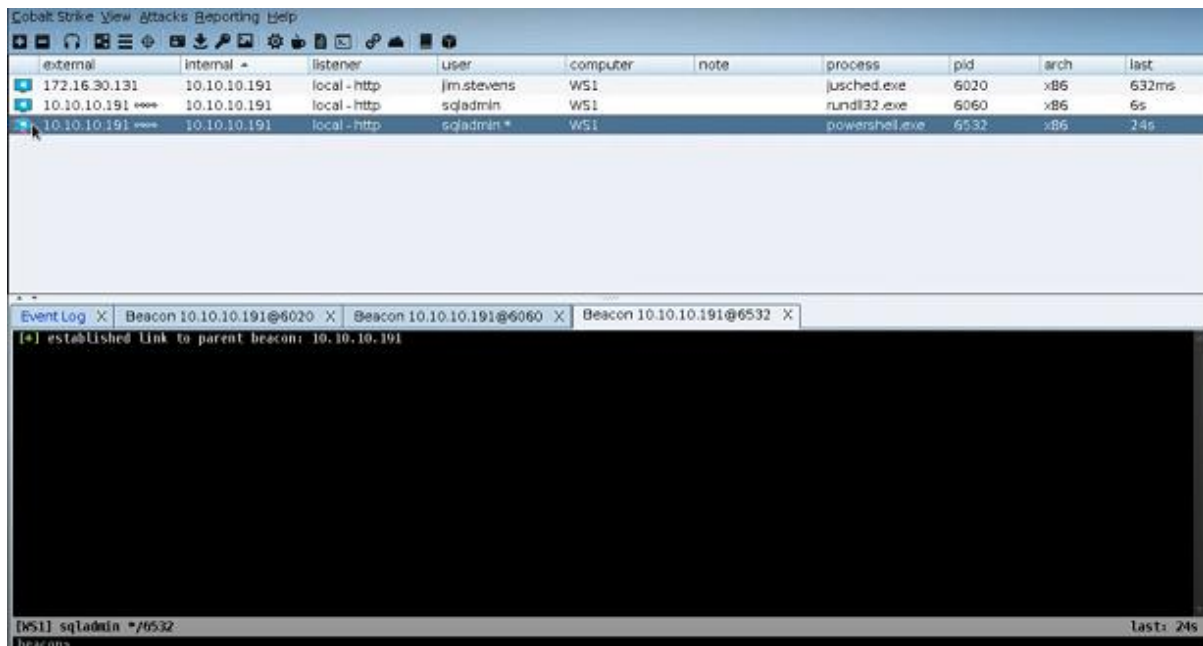
Session ID	Target IP	Payload Type	Notes
-----	-----	-----	-----
SID001	192.168.1.50	PowerShell	Beacon established











- **Summary:** Write a 50-word C2 setup summary.

An HTTPS listener on port 443 was used to set up a Cobalt Strike C2 server.

In a laboratory setting, a stageless PowerShell beacon was created and run.

By successfully establishing a callback to the team server, the beacon avoided detection by simple antivirus software and allowed remote command and control without writing to disk.