

## Sam Spade

**Sam Spade** is the name of a Windows software tool designed to assist in tracking down sources of e-mail spam. Sam Spade is also a graphical tool which allows you to do DNS interrogation and many other things.

The features which make Sam Spade a key security tool are:

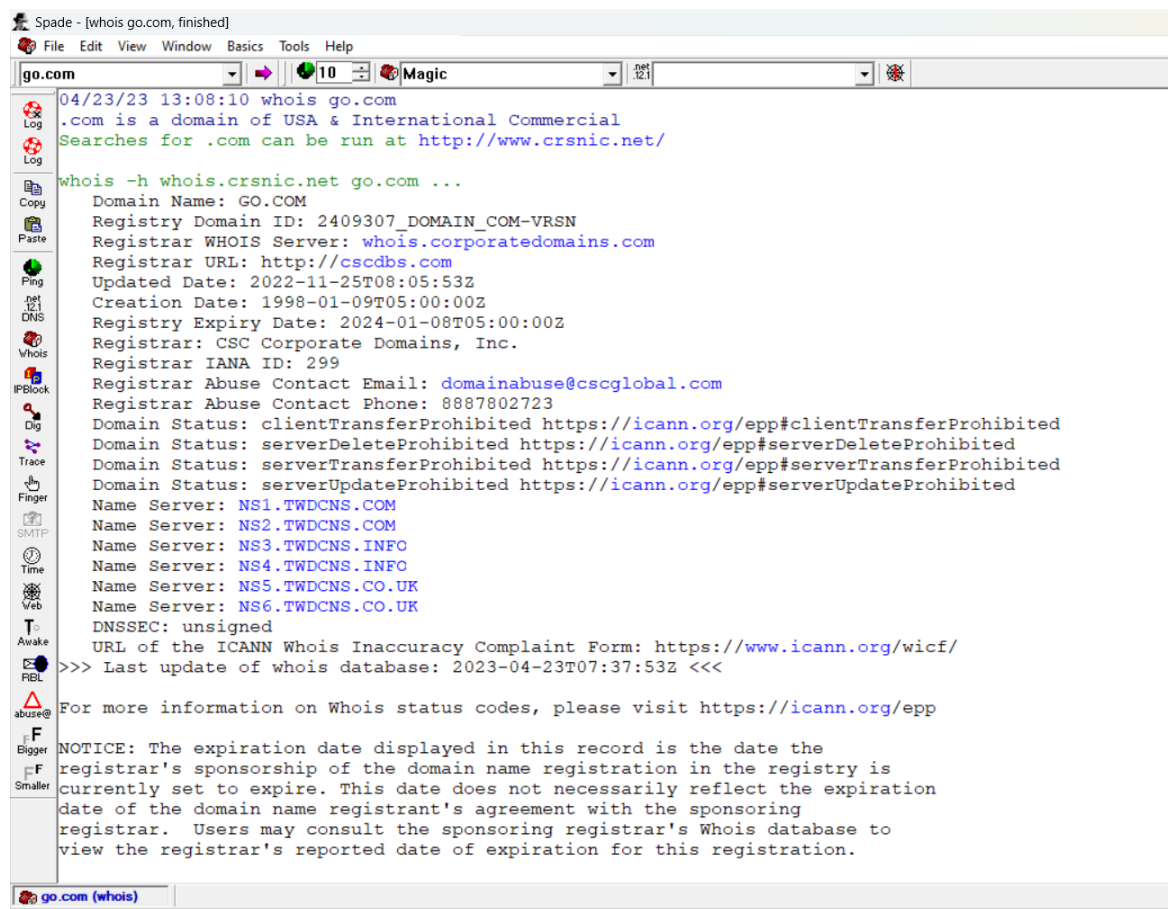
- Advanced DNS - DIG tool requests all the DNS records for a host or domain
- Zone Transfer - ask a DNS server for all it knows about a domain
- SMTP Relay Check - check whether a mail server allows third party relaying
- Scan Addresses - scan a range of IP addresses looking for open ports
- Crawl Web site - search a Web site, looking for email addresses, offsite links, download a Web site
- Search IP block - finds the IP block for an organization

Sam Spade also does whois, traceroute, finger and dns lookup.

I'll use go.com as my target website because it is not secured.

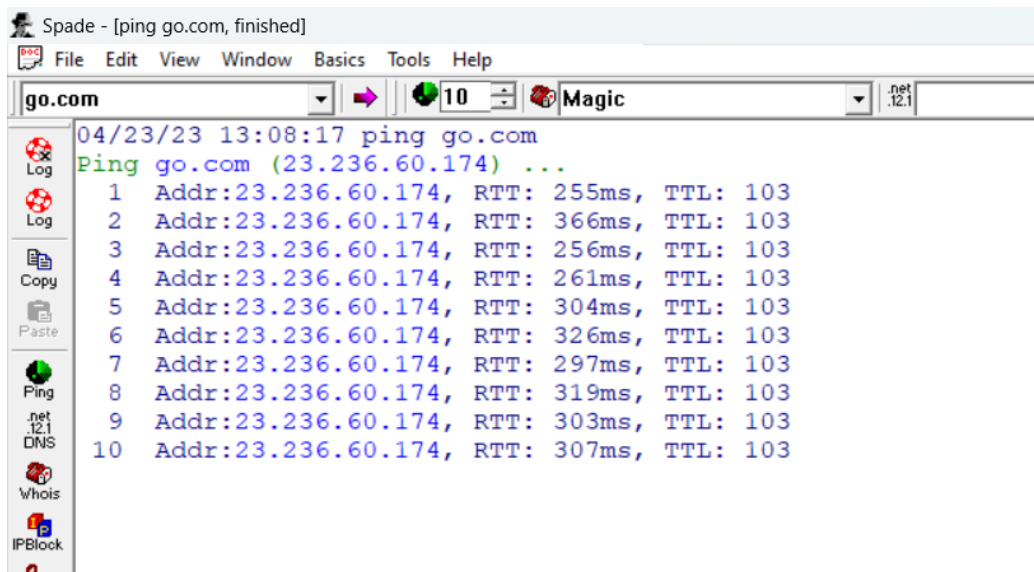
In Sam Spade there are many tools. We will go through mostly all of them.

### 1. Whois:



So, this is whois in Sam Spade where we will get the domain name, Domain ID, Server, URL, dates, Registrar, Name server, etc.

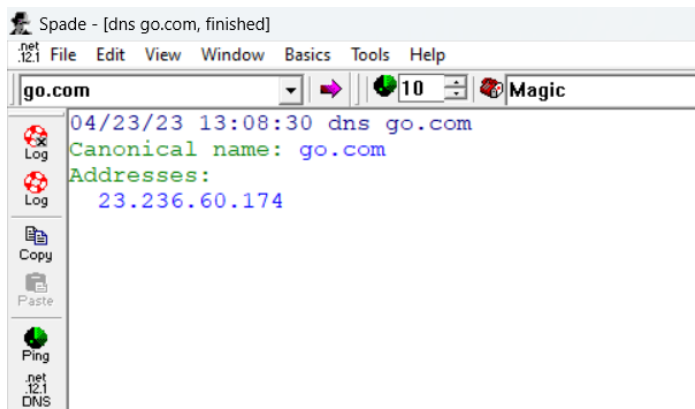
## 2. Ping:



Using Ping we can ping the server and we will get ping response from the server.

It will also give us the IP Address of the server.

## 3. DNS Lookup:



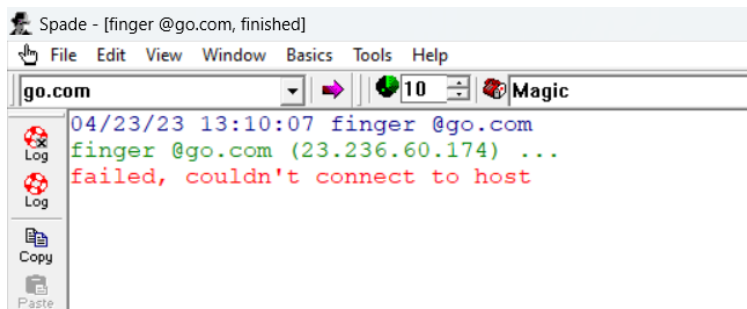
It will return the name and the IP Address.

## 4. Traceroute:



It will return the hops it has taken from my device to the target server. And it will return the IP Address that was hoped.

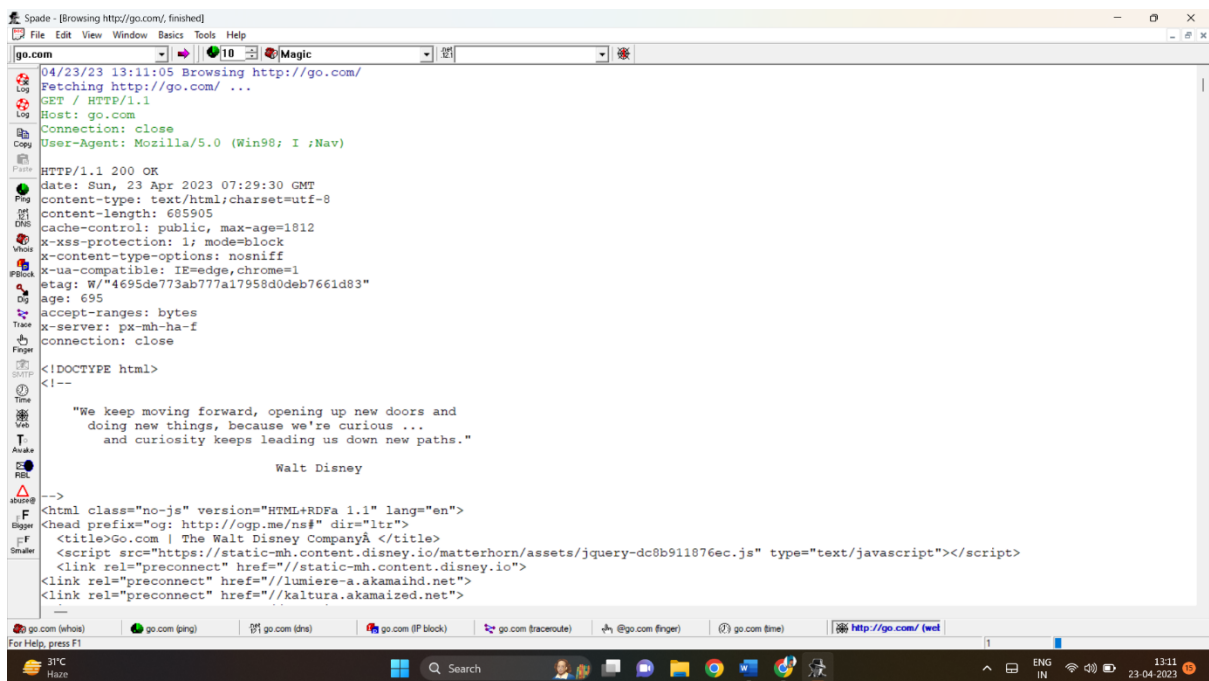
## 5. Finger:



It will give us the information about the server.

But sometimes it is blocked from the server, so we can't get a look at the output.

## 6. Web:



By using web tool, we can open the website source code in different browser.

Using this Web tool, we can find the weakness in the website.

## 7. Blacklisting:



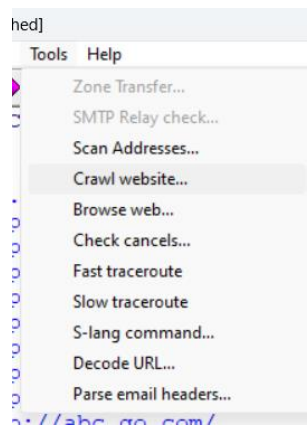
Using blacklisting we can get the if the website is blacklisted or not on any other websites.

## 8. Abuse:

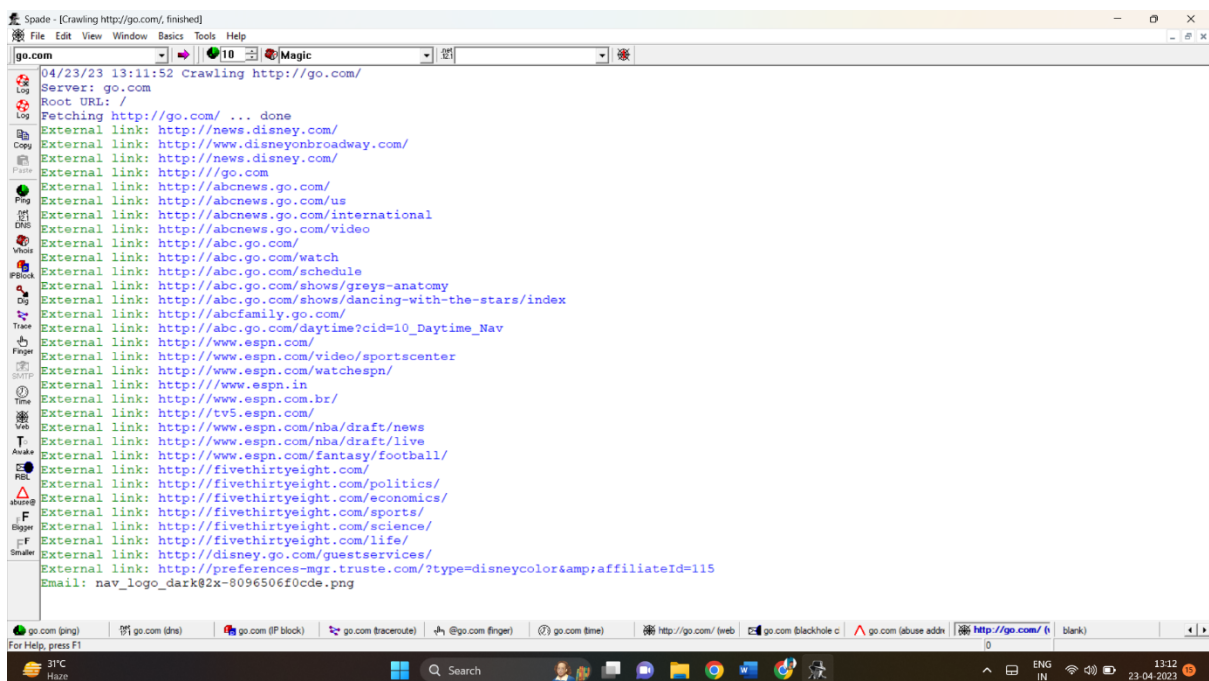


If we get spam from go.com we can report on the website that are listed in abuse tool of sam spade.

## 9. Crawl Website:



Using this we will get if there are any link to any other website or server or is there any images on the server.



So this are the link that were available on go.com and a png image.

## 10. Fast Traceroute:



Fast traceroute is same as trace route. It will trace route all the hops between my IP Address and the servers.

**And there are many other uses of Sam Spade.**