Lab Homework 2: whois and nslookup commands

1. the `whois` command shows information about who has registered the domain name specified.

arepublixchickentendersubsonsale.com
Updated 1 second ago

Domain Information

Domain:	arepublixchickentendersubsonsale.com
Registrar:	NameCheap, Inc.
Registered On:	2016-12-08
Expires On:	2021-12-08
Updated On:	2020-12-07
Status:	clientTransferProhibited
Name Servers:	dns1.namecheaphosting.com
	dns2.namecheaphosting.com

Registrant Contact

Name:	WhoisGuard Protected
Organization:	WhoisGuard, Inc.
Street:	P.O. Box 0823-03411
City:	Panama
State:	Panama
Country:	PA
Phone:	+507.8365503
Fax:	+51.17057182
Email:	8a0f9f48b9d44112bef91659f9c40b74.protect@whoisguard.com

Administrative Contact

Name:	WhoisGuard Protected
Organization:	WhoisGuard, Inc.
Street:	P.O. Box 0823-03411
City:	Panama
State:	Panama
Country:	PA
Phone:	+507.8365503
Fax:	+51.17057182
Email:	8a0f9f48b9d44112bef91659f9c40b74.protect@whoisguard.com

Technical Contact

Name:	WhoisGuard Protected
Organization:	WhoisGuard, Inc.
Street:	P.O. Box 0823-03411
City:	Panama
State:	Panama
Country:	PA
Phone:	+507.8365503
Fax:	+51.17057182
Email:	8a0f9f48b9d44112bef91659f9c40b74.protect@whoisguard.com

I ran the command via the Windows command prompt but there were to many lines to input them cleanly into the report so I went to `https://www.whois.com/whois/arepublixchickentendersubsonsale.com` and was given this information.

The website `www.arepublixchickentendersubsonsale.com` is hosted by NameCheap which uses WhoisGuard to handle whois commands.

2. The `nslookup` command is used to query domain name servers for information about parts of the DNS namespace or individual hosts. Here we use it to find the

mail exchange server.

```
C:\Users\Brandon\Desktop>nslookup
Default Server:  UnKnown
Address:  192.168.1.1

> set type=MX
> www.arepublixchickentendersubsonsale.com
Server:  UnKnown
Address:  192.168.1.1

Non-authoritative answer:
www.arepublixchickentendersubsonsale.com        canonical name = arepublixchickentendersubsonsale.com
arepublixchickentendersubsonsale.com    MX preference = 0, mail exchanger = mail.arepublixchickentendersubsonsale.com
>
```

In this lab I learned how to use the `whois` and `nslookup` tools. `Whois` is used to gather information about a domains registration and the contacts associated with the domains registrars. `Nslookup` is used to get information about more specific parts of a domains namespace, or individual hosts such as the mail exchange server or default servers.