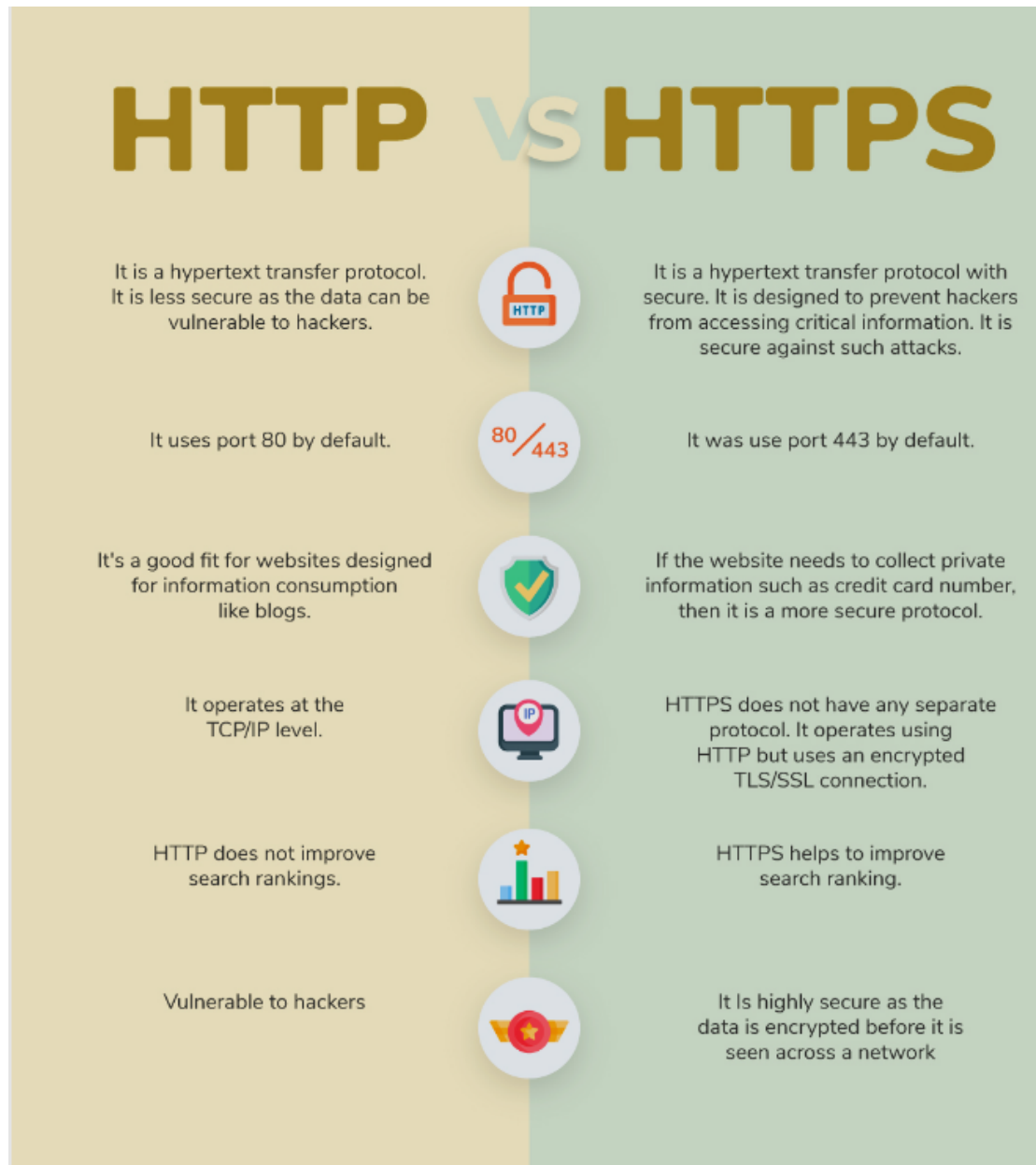


SSL & Port Forwarding KT SESSION

- HTTP vs HTTPS



- NGINX

NGINX is open-source web server software used for reverse proxy, load balancing, and caching. It provides HTTPS server capabilities and is mainly designed for maximum performance and stability.

Connect the URL with the respective port.

- Certification

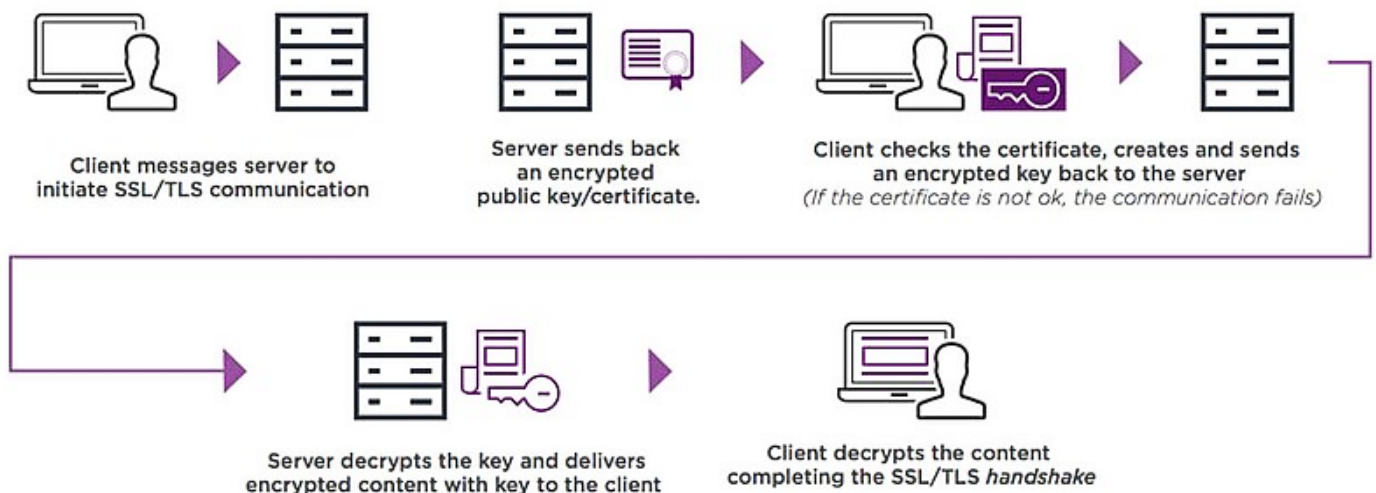
We work with Certificate.crt and Private key.crt

We achieve security by means of **SSL Certification** which helps us to get authentication for visiting a port.

- ZERO SSL

Partnering with some of the biggest ACME providers, ZeroSSL allows you to manage and renew existing certificates without ever lifting a finger. Save time and money by automating SSL certificate management using the ZeroSSL REST API, supporting certificate issuance, CSR validation, and more.

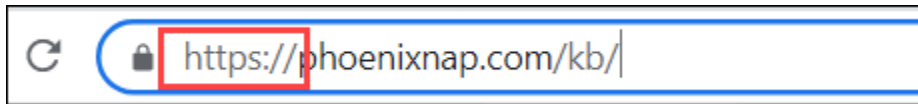
- How does SSL Work?



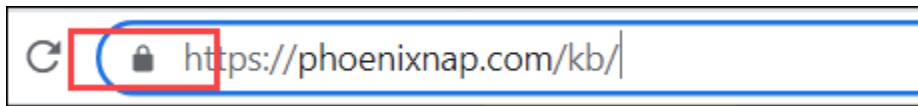
- How to Check SSL Certificate Security Details?

There are a few easy-to-notice signs that a website has an SSL certificate:

→ The URL begins with https:// instead of http://.

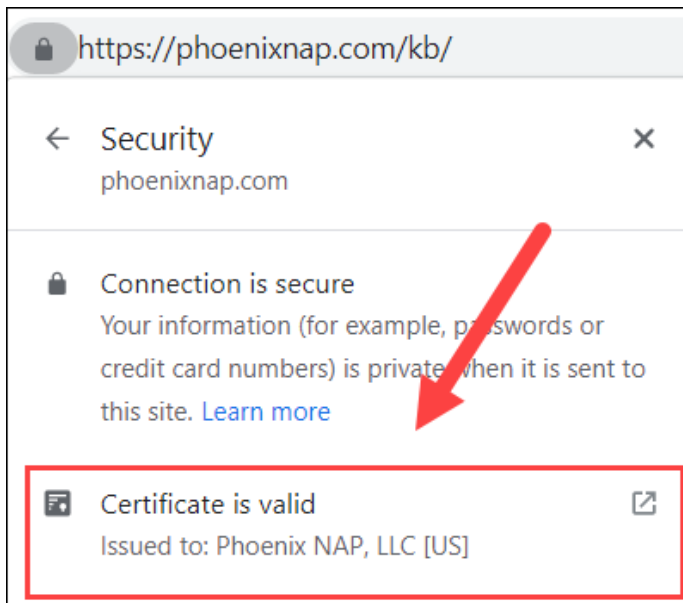


→ There is a padlock icon next to the address bar.



→ If you click on the padlock, a pop-up appears and includes a message that the Connection is secure.

→ Click Connection is secure to show connection details and check whether the Certificate is valid.



- Domain Verification

As soon as your certificate has been ordered, there are 3 ways of verifying your domain(s).

Verify Domains

November 30, 2020 21:08

As soon as your certificate has been ordered, there are 3 ways of verifying your domain(s). The standard (and quickest) way of verifying one or more domains is by making use of Email Verification. Other methods include DNS (CNAME) verification or HTTP File Upload.

👉 Click on each method to learn more:

▼ Method 1: Email Verification
▼ Method 2: DNS (CNAME)
▼ Method 3: HTTP File Upload

1. The standard (and quickest) way of verifying one or more domains is making use of Email Verification.
2. Other methods include DNS (CNAME) verification.
3. HTTP File Upload.

We generally use the CNAME Method.

Where we add 'Name' 'TTL' and 'Point to'

- Adding SSL certificate to Nginx
 - Copy your Certificate Files. Copy the Certificate Files into the proper directory on your server.
 - Link your files.
 - Edit your virtual host file.
 - Restart Nginx.

