**NGINX**

Follow [How to Install Nginx Web Server on Ubuntu Linux: A Tutorial for Beginners (ubuntupit.com)](https://www.ubuntupit.com/how-to-install-nginx-web-server-on-ubuntu-linux-a-tutorial-for-beginners/#:~:text=1%20Install%20Nginx%20Web%20Server%20in%20Ubuntu%20Linux.,the%20Nginx%20Web%20Server%20on%20Ubuntu%20Linux.%20) also digital ocean - https://www.digitalocean.com/community/tutorials/how-to-install-nginx-on-ubuntu-20-04 (To install nginx in ubuntu in manual way ).

* nginx -v(To check version) also
* sudo dpkg -I nginx

**If you want to uninstall nginx from Ubuntu**

* sudo apt-get remove nginx
* sudo apt-get purge nginx
* sudo apt-get autoremove
* sudo apt-get remove nginx nginx-common
* sudo apt-get purge nginx nginx-common

**If you want to set Authentication nginx**

<https://youtu.be/NYHNvJIAu7U> (When someone will open your website it will ask for password)

* sudo apt-get install apache2-utils
* sudo htpasswd -c /etc/nginx/.htpasswd nginx

location / {

# First attempt to serve request as file, then

# as directory, then fall back to displaying a 404.

try\_files $uri $uri/ =404;

auth\_basic "Private Property";

auth\_basic\_user\_file /etc/nginx/.htpasswd;

this 2 added auth\_basic "Private Property";

auth\_basic\_user\_file /etc/nginx/.htpasswd; inside site-enebled

**Interview question**

1. NGINX has a single-threaded architecture where multiple client requests are handled in a single thread. On the other hand, Apache has a multi-threaded architecture where one process is created for a request
2. A reverse proxy server is a type of proxy server that typically sits behind the firewall in a private network and directs client requests to the appropriate backend server. A reverse proxy provides an additional level of abstraction and control to ensure the smooth flow of network traffic between clients and servers.
3. **UFW**

Ubuntu uses the Uncomplicated Firewall (UFW) firewall protection to make your system secure. In this step, we have to configure the Nginx web server to the UFW firewall. We have to add a rule to allow the Nginx web server in the accepting firewall list.