**Setup Nginx with Reverse Proxy**

**Requirement**: User should be able to access the server with just [http://partnerportal.com](http://partnerportal.com/)

1. **Nginx Installation:**

Installed nginx on liferayadmin@192.168.1.65 using below command

liferayadmin@proventeq-server:~$ sudo apt-get update

liferayadmin@proventeq-server:~$ sudo apt-get install nginx

1. **Configure Firewall settings:**

You need to allow access to Nginx through your firewall. Having set up your server according to the initial server prerequisites, add the following rule with ufw

liferayadmin@proventeq-server:~$ sudo ufw allow 'Nginx HTTP'  
Rules updated

Rules updated (v6)

liferayadmin@proventeq-server:~$ systemctl status nginx

nginx.service - A high performance web server and a reverse proxy server

Loaded: loaded (/lib/systemd/system/nginx.service; enabled; vendor preset: enabled)

  Active: active (running) since Wed 2022-11-09 10:48:21 UTC; 2min 5s ago

1. **Configuration of reverse proxy:**

Created a custom configuration file in "sites-available" folder for new virtual host instead of editing the default configuration.

liferayadmin@proventeq-server:~$ sudo nano /etc/nginx/sites-available/partnerportal.com

Added below configuration in above created file

liferayadmin@proventeq-server:~$ sudo vi /etc/nginx/sites-available/partnerportal.com

**server {  
 listen 80;**

**listen [::]:80;**

**server\_name partnerportal.com www.partnerportal.com;**

**location / {**

**proxy\_pass http://192.168.1.65:8080;**

**include proxy\_params;**

**}**

**}**

Note: Reverse proxy functionality is enabled through Nginx’s proxy\_pass directive. With this configuration, navigating to your\_domain in your local web browser will be the same as opening app\_server\_address on your remote machine.

Enable this configuration file by creating a link from it to the sites-enabled directory that Nginx reads at startup  
liferayadmin@proventeq-server:~$ sudo ln -s /etc/nginx/sites-available/partnerportal.com /etc/nginx/sites-enabled/

Check the syntax of content added.

liferayadmin@proventeq-server:~$ sudo nginx -t  
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok

With no problems reported, restart Nginx to apply your changes

liferayadmin@proventeq-server:~$ sudo systemctl restart nginx

1. **Test Nginx and the Nginx Reverse Proxy:**

**Make sure to start the liferay server**

1.Please open C:\Windows\System32\drivers\etc\hosts file

Add below entry

192.168.1.65 partnerportal.com

Save the file.

2. Open the browser and type the domain URL

[http://partnerportal.com](http://partnerportal.com/)

This should open the liferay default configuration page