**NGINX Configuration**

**Basic File Locations**

**Common file paths**

Nginx config

dir/etc/nginx/

Main config file

/etc/nginx/nginx.conf

Site configs

/etc/nginx/sites-available/

Access logs

/var/log/nginx/access.log

**Reading Config Files**

sudo cat /etc/nginx/sites-available/default

Sample Server Block

server {

listen 80;

server\_name localhost;

root /var/www/html;

index index.html;

location / {

try\_files $uri $uri/ =404;

}

}

Create and Serve index.html with NGINX

sudo nano /var/www/html/index.html

<h1>Hello World</h1>

Test the NGINX config for errors

sudo nginx -t

Reload NGINX to apply the new config

sudo systemctl reload nginx

NGINX Log Analysis

/var/log/nginx/access.log: All requests

/var/log/nginx/error.log: Errors

**Log Parsing Commands**

View real-time logs

sudo tail -f /var/log/nginx/access.log

Filter by 404 errors

grep " 404 " /var/log/nginx/access.log