



■■■: 2025-06-05 16:09



- OS: Ubuntu 20.04+ ■■■ CentOS 8+
 - RAM: ■■■ 1GB (■■■ 2GB)
 - Storage: ■■■ 10GB
 - Network: ■■■ ■■■ ■■■ ■■■ ■■■



```
# Ubuntu/Debian sudo apt update sudo apt install -y python3 python3-pip  
python3-venv nginx openssl # CentOS/RHEL sudo yum update -y sudo yum install  
-y python3 python3-pip nginx openssl
```



1. 

A horizontal bar consisting of 15 black squares of equal width, followed by a white space and a black colon.

```
# SCP [■■■] scp -r ProgressReport/ username@192.168.1.100:/tmp/
```

2.

```
# cd /tmp/ProgressReport chmod +x deploy_internal.sh # (IP: 192.168.1.100) sudo ./deploy_internal.sh # ./deploy_internal.sh 192.168.1.50 # ./deploy_internal.sh 192.168.1.50 /opt/progressreport
```

3.

URL:

- HTTP: http://192.168.1.100
 - HTTPS: https://192.168.1.100 (██████ █████)

> [SSL] SSL: [REDACTED] " [REDACTED] . " [REDACTED] → " [REDACTED] [REDACTED] [REDACTED] .

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IP

nginx_internal.conf [] server_name []:

```
server_name progressreport.company.local 192.168.1.100; # ■■■■■
```

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■■■ DNS ■■■■■■■■■■■■

progressreport.company.local A 192.168.1.100

IP

nginx internal.conf [REDACTED] IP [REDACTED]

```
allow 192.168.0.0/16; # ███ ████ ████ ███ allow 10.0.0.0/8; # ███ ███ ███  
deny all;
```

— 1 —

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```
# sudo systemctl status progressreport # sudo systemctl restart progressreport # sudo systemctl stop progressreport # sudo systemctl start progressreport # sudo systemctl disable progressreport
```

10

```
# ████ ███ (███) sudo journalctl -u progressreport -f # Nginx ███ ███ sudo tail -f /var/log/nginx/error.log # Nginx ███ ███ sudo tail -f /var/log/nginx/access.log
```

1

```
# ████ ████ cd /var/www/progressreport sudo git pull # Git ███ sudo  
systemctl restart progressreport # ███ ███ ███ ███ sudo cp /tmp/new_app.py  
/var/www/progressreport/ sudo systemctl restart progressreport
```

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A horizontal bar consisting of seven equal-sized dark gray squares arranged side-by-side.

- Nginx [REDACTED] IP [REDACTED]

- [REDACTED]

[REDACTED]

```
# [REDACTED] sudo apt update && sudo apt upgrade -y # Ubuntu sudo yum update -y # CentOS # Python [REDACTED] cd /var/www/progressreport sudo ./venv/bin/pip install --upgrade -r requirements.txt sudo systemctl restart progressreport
```

[REDACTED]

```
# [REDACTED] sudo tar -czf /backup/progressreport_$(date +%Y%m%d).tar.gz /var/www/progressreport # [REDACTED] (SQLite) sudo cp /var/www/progressreport/*.db /backup/
```

[REDACTED]

[REDACTED]

```
# [REDACTED] sudo journalctl -u progressreport --no-pager # [REDACTED] sudo /var/www/progressreport/venv/bin/python /var/www/progressreport/app.py
```

Nginx [REDACTED]

```
# [REDACTED] sudo nginx -t # [REDACTED] sudo systemctl restart nginx
```

[REDACTED]

```
# [REDACTED] sudo netstat -tlnp | grep :8000 sudo ss -tlnp | grep :8000
```

[REDACTED]

[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]:

1. [REDACTED]: sudo journalctl -u progressreport --no-pager
2. [REDACTED]: uname -a && cat /etc/os-release
3. [REDACTED]: sudo systemctl status progressreport nginx