

Webserver 101

Instalar&Crear

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Acerca de Mi

Y mi trabajo

Ingeniero en Sistemas Computacionales

VoIP/CTI Senior Leader
System Administrator
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Servidor LAMP

Linux + Apache + MySQL + PHP

Centos 7

=> VirtualBox

=> Instalacion

=> Configurar red

nmtui

=> Configurar firewall

```
firewall-cmd --zone=public --add-port=80/tcp --permanent
```

```
firewall-cmd --reload
```

Apache (HTTPD)

```
yum install httpd
```

```
systemctl start httpd.service
```

```
systemctl enable httpd.service
```

MySQL (MariaDB)

```
yum install mariadb-server mariadb
```

```
systemctl start mariadb.service
```

```
systemctl enable mariadb.service
```

```
mysql_secure_installation
```

PHP

```
yum install php php-mysql php-mbstring php-common pgp-gd  
systemctl restart httpd.service
```

Página WEB

=> Archivo INFO

```
nano /var/www/html/info.php
```

=> Drupal 7

```
tar -xvf drupal-7.54.tar.gz --strip 1
```

```
chmod -R a+w /var/www/html/sites/default/files/
```

```
restorecon -rv /var/www/html/sites/default/
```

Python + Flask

WebServer Python



Python

```
yum -y install python python-pip
```

```
nano hello.py
```

```
#!/usr/bin/python  
print('Hello')
```

```
chmod +x hello.py
```

```
./hello.py
```

Flask

```
pip install Flask
```

```
firewall-cmd --zone=public --add-port=88/tcp --permanent
```

```
firewall-cmd --reload
```

Código Webserver

```
nano python_webserver.py
```

```
#!/usr/bin/python
from flask import Flask, request
app = Flask(__name__)
@app.route("/")
def hello():
    return "Hello World!"
@app.route('/hola')
def hola():
    try:
        response = ""
        name = request.args.get('name')
        print name
        if name is None:
            response = "Name not provided"
        return response
        if name == "miguel":
```

```
chmod +x python_webserver.py
```

```
./python_webserver.py
```

Pythast Web Service

Python Asterisk Server Manager

Disponible en <https://github.com/mafairnet/pythastws>

Conclusiones

=> Webservers en la Nube vs Propios

=> Webservers comunes vs propio

Q&A



C'est fini

Muchas gracias

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<https://www.digitalocean.com/community/tutorials/how-to-install-linux-apache-mysql-php-lamp-stack-on-centos-7>

<https://linut.com/how-to-setup-network-after-rhelcentos-7-minimal-installation/>

<https://serverfault.com/questions/626521/centos-7-save-iptables-settings>

<https://stackoverflow.com/questions/5768369/drupal-7-file-system-error-the-directory-sites-default-files-exists-but-is-a-directory>

<https://www.liquidweb.com/kb/how-to-install-pip-on-centos-7/>

<http://flask.pocoo.org/>