

LPIC2 2021 Sesión 11 (2021-03-09)

Documentación relacionada:

- Manual Certificación LPIC-2.pdf, pag XX
- Material Practicas LPIC-2/LPIC-202/
- Presentaciones/2020/202/
- gdrive://

Clase

proxy squid

- DOC: Material Practicas LPIC-2/LPIC-202/2-Web Services/Squid/Laboratorio Squid.pdf
- restricciones:
 - horarios
 - por tipo de contenido (extensiones)
 - report: **sarg** → DOC (no certificación): Material Practicas LPIC-2/LPIC-202/2-Web Services/Squid/Install sarg.txt

```
▪ wget -N http://www.alcancelibre.org/al/server/AL-Server.repo -O  
  /etc/yum.repos.d/AL-Server.repo  
yum -y install sarg
```

```
▪ /etc/sarg/sarg.conf
```

```
#      sarg -l file  
access_log /var/log/squid/access.log  
  
#      sarg -o dir  
output_dir /var/www/html/squid-reports  
  
#      Date format in reports: e (European=dd/mm/yy), u  
      (American=mm/dd/yy), w(Weekly=yy.ww)  
date_format e
```

```
▪ sarg -x # http://192.168.1.5/squid-reports/
```

nginx

- DOC: Material Practicas LPIC-2/LPIC-202/2-Web Services/Nginx/Instalar y configurar Nginx en CentOS 7.pdf
- modo asíncrono (VS apache), más ligero, más rápido
- Centos no lo soporta hasta v8:

```
yum install epel-release -y # repo adicional
```

```
yum install nginx -y
```

- `/etc/nginx/`
 - `nginx.conf`
 - `conf.d/`

Laboratorio: virtualhost con nginx

- `mkdir -p /var/www/virtual_hosts/www.mysite.com/{html,logs}`
- `/etc/nginx/conf.d/www.mysite.com.conf`

```
server {
    listen 80;
    server_name nginx.192.168.2.5.nip.io;
    access_log /var/www/virtual_hosts/www.mysite.com/logs/access.log;
    error_log /var/www/virtual_hosts/www.mysite.com/logs/error.log;
    location / {
        root /var/www/virtual_hosts/www.mysite.com/html;
        index index.html index.htm index.php;
    }
}
```

- crear index.html (si no, da forbidden)
- recordar que el apache esté parado
- `nginx -t`: chequeo archivo configuración
- `nginx -s reload`: recarga la configuración en caliente

Laboratorio: SSL

- `cd /etc/nginx`
`openssl genrsa -out mysite.key 2048`
`openssl req -new -key mysite.key -out mysite.csr`
`openssl x509 -req -days 365 -in mysite.csr -signkey mysite.key -out mysite.crt`

- `/etc/nginx/conf.d/ssl.mysite.com.conf`

```
server {
    listen 80;
    listen 443 default ssl;
    ssl_certificate /etc/nginx/mysite.crt;
    ssl_certificate_key /etc/nginx/mysite.key;
    server_name nginx.192.168.2.5.nip.io;
    access_log /var/www/virtual_hosts/www.mysite.com/logs/access.log;
    error_log /var/www/virtual_hosts/www.mysite.com/logs/error.log;
    location / {
        root /var/www/virtual_hosts/www.mysite.com/html;
        index index.html index.htm index.php;
    }
}
```

- `systemctl restart nginx`

Laboratorio: reverse proxy

- DOC: Material Practicas LPIC-2/LPIC-202/2-Web Services/Nginx/proxy inverso con Nginx.txt

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