



Install guide for SwiftCache Lite for RPM

Setup machine Before installing SwiftCache Lite, please insure your target machine:

- Has an up-to-date minimal CentOS 7 installation
- Has at least 3 physical cache disks mounted at /cache1, /cache2 and /cache3, formatted in the xfs file system. Others must be mounted at /cache[n].
- Has internet connectivity
- Has ports 22 (for SSH) and 8500 (for the web interface) accessible to you for administration
- Has port 80 accessible for traffic
- Is able to make outbound connections

Install SC Extract zip (download from <https://swiftcachelite.swiftserve.com/myaccount/downloads>) and copy RPM to the target machine

The RPM file path is referred to as [RPM]

```
yum install -y wget curl cd
/etc/yum.repos.d
wget rpm.swiftserve.com/swift.repo cd ~
yum -y update
yum install -y epel-release
```

```
yum localinstall -y [RPM]
```

```
# set password for admin passwd
admin
```

```
# set disk permissions chown
admin:admin /cache*
```

Set license After securing a DSN from the SwiftCache Lite portal (Found here:

<https://swiftcachelite.swiftserve.com/my-account/>)(referred to as [DSN]):

Run the CLI using the command:

```
/usr/local/cache/cli
```

Then:

```
set system.dsn [DSN] exit
```

```
systemctl start proxy systemctl restart
taskmg
```

Wait for 12 minutes and restart the proxy and check licensing was successful:

```
systemctl restart proxy
systemctl status proxy - l
```

If there are any errors, please contact support at <https://swiftcachelite.swiftserve.com/contact-us>

Verify

Check proxy is running:

```
systemctl status proxy - l
Check UI:
```

Navigate to <https://<cache IP address>:8500>

Try to log in as admin using the password set earlier. Then check for any alerts and if any look serious, contact support with as much detail about them as possible.

```
# in cli: /usr/local/cache/cli or ssh as admin policy create
test
match client.ip equals ["127.0.0.1"] set
proxy.allow_explicit true
exit
```

In Shell (either via shell or exit in the CLI):

```
curl -x 127.0.0.1:8080 http://ftp.free.fr/mirrors/ftp.ubuntu.com/releases/ tail -10
/logs/access.log
# see MISS in log (lines wrapped):
#20170117:034214.374226862 [000000d5] 0.982268 0.982270 5093 5093 127.0.0.1:18373
# 212.27.60.27:80 200 GET http://ftp.free.fr/mirrors/ftp.ubuntu.com/releases/ [-]
# CON:EX-FLT:NO-MCF:NF-DCF:ENF-MISS-NIP-RESP:CL-MCC:OK policy -test-
```

```
curl -x 127.0.0.1:8080 http://ftp.free.fr/mirrors/ftp.ubuntu.com/releases/ tail -10
/logs/access.log
# see HIT in log (lines wrapped):
#20170117:034215.993493341 [000000d6] 0.000165 0.000165 5093 0 127.0.0.1:18377
# - 200 GET http://ftp.free.fr/mirrors/ftp.ubuntu.com/releases/ [-]
# CON:EX-FLT:NO-MCF:OK-HIT policy -test-
```

```
/usr/local/cache/cli
policy delete test
```

Now try routing traffic to the appliance.

If there are any problems please contact support at <https://swiftcachelite.swiftserve.com/contact-us/>

