

This is a rough quick instruction of how to setup a standalone erp5 without installation script. (<https://slapos.nexedi.com/> for more details)

First, your machine needs ipv6 internet connection. Then

```
apt-get install gnupg
```

```
wget -O- "https://download.opensuse.org/repositories/home:/VIFIBnexedi/Debian_10/Release.key" | apt-key add -
```

```
apt-get install slapos-node git
```

```
export PATH=$PATH:/sbin
```

slapos configure local (setup slapos node as standalone, it means that this node does not become a part of slapos cloud, instead it uses a local dummy slapos master node, slaproxy)
)

```
slapos node format --now (It takes some minutes)
```

```
git clone https://lab.nexedi.com/nexedi/slapos.git
```

```
slapos supply /YOUR-SLAPOS-REPOSITORY-PATH/slapos/software/erp5/software.cfg local_computer  
(local_computer is your node name, look at /etc/opt/slapos/slapos.cfg)
```

```
tail -f /opt/slapos/log/slapos-node-software.log (It takes several hours to build ERP5)  
(`slapos node software` is executed by cron /etc/cron.d/slapos-node)  
/opt/slapgrid/XXXX/.complete is a mark of complete.
```

prepare a request script like this:

```
import json  
software_url = '/home/a/slapos/software/erp5/software.cfg'  
parameter_dict = {}  
  
request(slapos_url,  
        'my_test_erp5',  
        filter_kw={  
            'computer_guid': 'local_computer',  
        },  
        software_type='default',  
        partition_parameter_kw = {  
            '_': json.dumps(parameter_dict, indent=2)  
        })
```

```
slapos console < request.py
```

Let's wait for soem minutes. ERP5 cluster is setup automatically.
(`slapos node instance` is executed by cron /etc/cron.d/slapos-node)

Once setup is done, then,

```
slapos node
```

you will find something like this:

```
slappart0:bootstrap-monitor          EXITED   Jan 31 10:31 AM  
slappart0:caucased-on-watch          RUNNING  pid 1134, uptime 0:00:07  
slappart0:certificate_authority-1a4cd56cd8e659d9137c7bbd3db35a4e-on-watch  RUNNING  pid 1133, uptime 0:00:07  
slappart0:crond-1a4cd56cd8e659d9137c7bbd3db35a4e-on-watch          RUNNING  pid 1130, uptime 0:00:07  
slappart0:monitor-httpd-1a4cd56cd8e659d9137c7bbd3db35a4e-on-watch  RUNNING  pid 1131, uptime 0:00:07  
slappart0:monitor-httpd-graceful     EXITED   Jan 31 10:31 AM  
slappart1:bootstrap-monitor          EXITED   Jan 31 10:31 AM  
slappart1:certificate_authority-1a4cd56cd8e659d9137c7bbd3db35a4e     RUNNING  pid 1138, uptime 0:00:07  
slappart1:crond-1a4cd56cd8e659d9137c7bbd3db35a4e-on-watch          RUNNING  pid 1141, uptime 0:00:07  
...  
slappart6:apache                     RUNNING  pid 1094, uptime 0:00:07  
...
```

then, check your apache conf. In my case, it was in slappart6.

```
less /srv/slapgrid/slapart6/etc/apache/apache.conf
```

You will find which IP and port apache is listening. Apache uses internal IP,
thus it is not accessble from outside. You need to setup your own frontend web server to publish

slapos's apache. You should not change slapos apache conf by hand because it is overwritten by "slapos node instance".

Once you can access to your erp5 instance, check your zope password.

less /opt/slapos/slapproxy.db (find inituser-password)

<https://YOURERP5/erp5/> (use zope password to login)