????
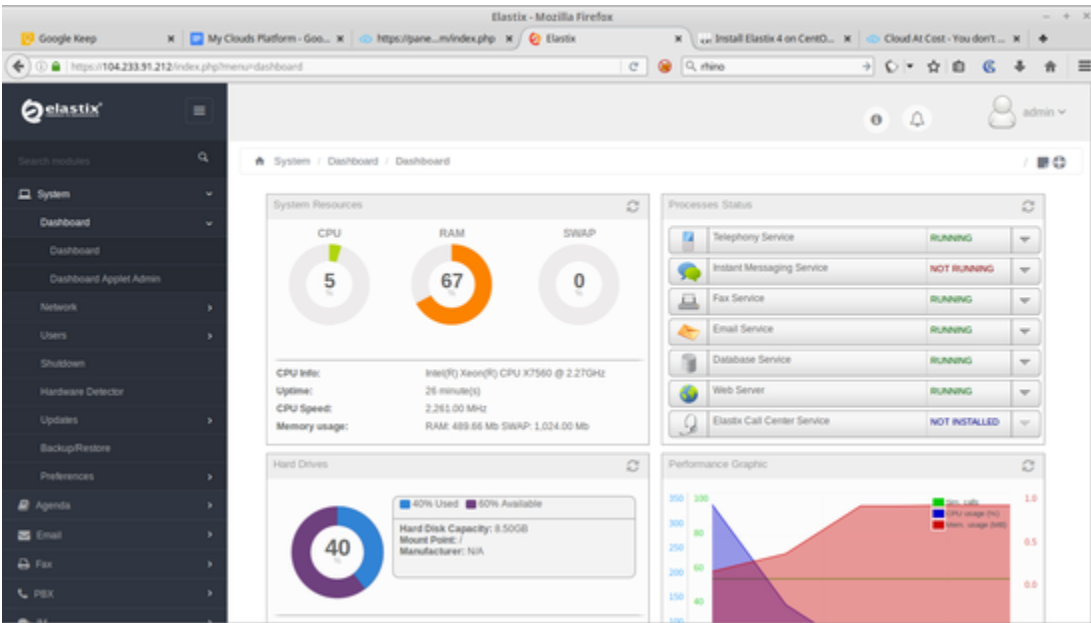
- [Cloud At Cost](#)
- CentOS 7.0 (3.10.0-123.el7.x86_64)
- Elastix 4.0.74-Stable

????

???

2016/10/29 - ????????? https://github.com/a-lang/Elastix4onCentos7vz?????????

#> wget --no-check-certificate https://sourceforge.net/projects/elastix/files/
Elastix%20PBX%20Appliance%20Software/4.0.0/Elastix-4.0.74-Stable-x86_64-bin-10Feb2016.iso/download
-O Elastix-4.0.74-Stable-x86_64-bin-10Feb2016.iso
#> mkdir /mnt/ISO
#> mount -o loop Elastix-4.0.74-Stable-x86_64-bin-10Feb2016.iso /mnt/ISO/

?? SELinux

#> sed -i 's/SELINUX=.*$/SELINUX=disabled/' /etc/selinux/config
#> setenforce 0
#> vi /etc/yum.repos.d/Elastix-cd.repo

[elastix-cd]
name=Elastix RPM Repository for CentOS
baseurl=file:///mnt/ISO
gpgcheck=0
enabled=0

?? EPEL ???

```
#> wget https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm
#> rpm -ivh epel-release-latest-7.noarch.rpm
```

?? ISO ??? kernel-* ??
NOTE:

    CentOS ?????? ISO ???????????? kernel ???

    ????????CentOS ???????? kernel ???

```
#> cd /mnt/ISO/Elastix
#> yum --nogpgcheck --disablerepo=\* --enablerepo=epel,elastix-cd localinstall
kernel-3.10.0-229.14.1.el7.x86_64.rpm kernel-devel-3.10.0-229.14.1.el7.x86_64.rpm
```

```
#> reboot
```

?? RPM ?

```
#> mount -o loop Elastix-4.0.74-Stable-x86_64-bin-10Feb2016.iso /mnt/ISO/
#> sed -n '/%packages/,/%end/p' /mnt/ISO/ks/anaconda-ks.cfg | sed '/^%/d' > elastix4-packages.lst
```

```
#> yum -y --nogpgcheck --disablerepo=\* --enablerepo=epel,elastix-cd install $(cat elastix4-packages.lst |
grep -v "^elastix\|RoundCubeMail\|freePBX\|lcdelastix\|wanpipe\|dahdi\|rhino" ) | tee yum-install-1.log
```

```
#> systemctl start mariadb
#> mysqladmin -u root -p password 'eLaStIx.2oo7'
```

```
#> yum -y --nogpgcheck --disablerepo=\* --enablerepo=epel,elastix-cd install $(cat elastix4-packages.lst |
grep "RoundCubeMail\|freePBX" ) | tee yum-install-2.log
#> yum -y --nogpgcheck --disablerepo=\* --enablerepo=epel,elastix-cd install $(cat elastix4-packages.lst |
grep "^elastix\|lcdelastix") | tee yum-install-3.log
```

```
#> systemctl enable mariadb
#> systemctl enable httpd
```

```
#> reboot
```

?? SSH ???? console ???????????????????????????????

    Welcome to Elastix

    Elastix is a product meant to be configured through a web browser.
    Any changes made from within the command line may corrupt the system

configuration and produce unexpected behavior; in addition, changes
made to system files through here may be lost when doing an update.

To access your Elastix System, using a separate workstation (PC/MAC/Linux)
Open the Internet Browser using the following URL:
http://xxx.xxx.xxx.xxx

?????????????????????????????????

 /usr/bin/elastix-admin-passwords --init

???
????????????admin / palosanto?

????????????

/usr/bin/elastix-admin-passwords --change

NOTE????????????? MySQL ? PBX ?????

????

    - elastix4-packages.lst???????ISO??? ks.cfg ?????????????

    - ??????????
    1. PBX ????
    2. A2Billing

?????????
?????CentOS 7.2 minimal installation

yum install git

cd /usr/src
git clone https://github.com/a-lang/Elastix4onCentos7vz.git
cd Elastix4onCentos7vz/

TIP:

    ????????? Elastix ISO ?????????????????????

./elastix-install-p1.sh

?????????

```
cd /usr/src/Elastix4onCentos7vz
./elastix-install-p2.sh
```

TIP:

??????? MySQL and Web Admin ???

?????????

?????????????? Web ????????????
???? firewalld ??

```
systemctl stop iptables
systemctl stop firewalld
```

?? Elastix ? firewall

Elastix Web Admin > Security > Firewall > Firewall Rules
Activate Firewall

?? firewalld ???? iptables ??

```
systemctl disable firewalld.service
systemctl enable iptables.service
```