

TRIBURG SSL DEPLOYMENT

80 Port is not allowed - we have allow the port then we are able to get certificates

1. `yum install -y python3 python3-venv libaugeas0`
2. `python3 -m venv /opt/certbot/`
3. `/opt/certbot/bin/pip install --upgrade pip`
4. `/opt/certbot/bin/pip install certbot`
5. `ln -s /opt/certbot/bin/certbot /usr/local/sbin/certbot`
6. `/usr/local/sbin/certbot certonly -d $(hostname --fqdn) --standalone --preferred-chain "ISRG Root X2" --agree-tos --register-unsafely-without-email`
7.

```
cat >> /usr/local/sbin/letsencrypt-zimbra << EOF
#!/bin/bash
/usr/local/sbin/certbot certonly -d $(hostname --fqdn) --standalone -n --
preferred-chain "ISRG Root X2" --agree-tos --register-unsafely-without-email
cp "/etc/letsencrypt/live/$(hostname --fqdn)/privkey.pem"
/opt/zimbra/ssl/zimbra/commercial/commercial.key
chown zimbra:zimbra /opt/zimbra/ssl/zimbra/commercial/commercial.key
wget -O /tmp/ISRG-X2.pem https://letsencrypt.org/certs/isrg-root-x2.pem
rm -f "/etc/letsencrypt/live/$(hostname --fqdn)/chainZimbra.pem"
cp "/etc/letsencrypt/live/$(hostname --fqdn)/chain.pem"
"/etc/letsencrypt/live/$(hostname --fqdn)/chainZimbra.pem"
cat /tmp/ISRG-X2.pem >> "/etc/letsencrypt/live/$(hostname --
fqdn)/chainZimbra.pem"
chown zimbra:zimbra /etc/letsencrypt -R
cd /tmp
su zimbra -c '/opt/zimbra/bin/zmcertmgr deploycrt comm
"/etc/letsencrypt/live/$(hostname --fqdn)/cert.pem"
"/etc/letsencrypt/live/$(hostname --fqdn)/chainZimbra.pem"'
rm -f "/etc/letsencrypt/live/$(hostname --fqdn)/chainZimbra.pem"
EOF
```
8. `chmod +rx /usr/local/sbin/letsencrypt-zimbra`
9. `ln -s /usr/local/sbin/letsencrypt-zimbra /etc/cron.daily/letsencrypt-zimbra`
10. `/etc/cron.daily/letsencrypt-zimbra`
11. `sudo su zimbra -c '/opt/zimbra/bin/zmcontrol restart'`