

open_cert.sh

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Sadržaj

```
#!/bin/sh
```

Open search cert configuration

```
cd /etc/openssl sudo rm -f *.pem
```

Root CA

```
openssl genrsa -out root-ca-key.pem 2048 openssl req -new -x509 -sha256 -key root-ca-key.pem -subj "/C=HR/ST=Hrvatska/L=Osijek/O=Mellon Development/OU=Web development/CN=root.dns.a-record" -out root-ca.pem -days 730
```

Admin cert

```
openssl genrsa -out admin-key-temp.pem 2048 openssl pkcs8 -inform PEM -outform PEM -in admin-key-temp.pem -topk8 -nocrypt -v1 PBE-SHA1-3DES -out admin-key.pem openssl req -new -key admin-key.pem -subj "/C=HR/ST=Hrvatska/L=Osijek/O=Mellon Development/OU=Web development/CN=A" -out admin.csr openssl x509 -req -in admin.csr -CA root-ca.pem -CAkey root-ca-key.pem -CAcreateserial -sha256 -out admin.pem -days 730
```

Node cert 1

```
openssl genrsa -out node1-key-temp.pem 2048 openssl pkcs8 -inform PEM -outform PEM -in node1-key-temp.pem -topk8 -nocrypt -v1 PBE-SHA1-3DES -out node1-key.pem openssl req -new -key node1-key.pem -subj "/C=HR/ST=Hrvatska/L=Osijek/O=Mellon Development/OU=Web development/CN=node1.dns.a-record" -out node1.csr echo 'subjectAltName=DNS:node1.dns.a-
```

```
record' > node1.ext openssl x509 -req -in node1.csr -CA root-ca.pem -CAkey root-ca-key.pem -  
CAcreateserial -sha256 -out node1.pem -days 730 -extfile node1.ext
```

Client cert

```
openssl genrsa -out client-key-temp.pem 2048 openssl pkcs8 -inform PEM -outform PEM -in client-  
key-temp.pem -topk8 -nocrypt -v1 PBE-SHA1-3DES -out client-key.pem openssl req -new -key  
client-key.pem -subj "/C=HR/ST=Hrvatska/L=Osijek/O=Mellon Development/OU=Web  
development/CN=client.dns.a-record" -out client.csr echo 'subjectAltName=DNS:client.dns.a-  
record' > client.ext openssl x509 -req -in client.csr -CA root-ca.pem -CAkey root-ca-key.pem -  
CAcreateserial -sha256 -out client.pem -days 730 -extfile client.ext
```

Cleanup

```
rm admin-key-temp.pem rm admin.csr rm node1-key-temp.pem rm node1.csr rm node1.ext rm  
client-key-temp.pem rm client.csr rm client.ext echo '$Certifikati uspješno generirani\nService  
status\n' sudo systemctl status opensearch echo '$Restartan opensearch servis\n' sudo systemctl  
restart opensearch
```