

Modifying SMS helm Charts to override the builtin certificates

Get the certificates

```
cd oom/kubernetes/aaf/charts/aaf-sms
mkdir -p resources/certs
```

copy the 2 cert files into that folder from here <https://github.com/onap/aaf-sms/tree/master/sms-service/src/sms/certs>

the command

```
wget -O aaf-sms.pr https://raw.githubusercontent.com/onap/aaf-sms/master/sms-service/src/sms/certs/aaf-sms.pr
```

```
wget -O aaf-sms.pub https://raw.githubusercontent.com/onap/aaf-sms/master/sms-service/src/sms/certs/aaf-sms.pub
```

might be useful

```
aaf-sms.pub
aaf-sms.pr
```

Update the Configmap

Add the following to the end of templates/configmap.yaml

```
---
apiVersion: v1
kind: ConfigMap
metadata:
  name: {{ include "common.fullname" . }}-certs
  namespace: {{ include "common.namespace" . }}
  labels:
    app: {{ include "common.name" . }}-preload
    chart: {{ .Chart.Name }}-{{ .Chart.Version | replace "+" "_" }}
    release: {{ .Release.Name }}
    heritage: {{ .Release.Service }}
data:
  {{ tpl (.Files.Glob "resources/certs/*").AsConfig . | indent 2 }}
```

Update the Deployment

Add the following lines in templates/deployment.yaml under volumeMounts:

```
- mountPath: /sms/certs/aaf-sms.pub
  name: {{ include "common.name" . }}-certs
  subPath: aaf-sms.pub
- mountPath: /sms/certs/aaf-sms.pr
  name: {{ include "common.name" . }}-certs
  subPath: aaf-sms.pr
```

Add the following lines in templates/deployment.yaml under volumes:

```
- name: {{ include "common.name" . }}-certs
  configMap:
    name: {{ include "common.fullname" . }}-certs
```

This chart is now ready to use the new certificates.

After this you need to "make" the charts to push them to the repository and then upgrade your helm

