

k8s Configmap

- [Base64](#)
- `kubectl describe secret`
`kubectl describe configmap`
- [kubelet](#)
- `view`

Nginx SSL/TLS : `tls.conf`

- [Nginx `tls.conf`](#)

nginx-conf

```
$ kubectl create configmap nginx-conf --from-file=tls.conf
```

```
$ kubectl get configmap nginx-conf
```

```
$ kubectl describe configmap nginx-conf
```

```
Name:      nginx-conf
```

```
Namespace: default
```

```
Labels:    <none>
```

```
Annotations: <none>
```

```
Data
```

```
====
```

```
tls.conf:
```

```
----
```

```
ssl_protocols TLSv1 TLSv1.1 TLSv1.2;
```

```
server {
```

```
    listen 443 ssl;
```

```
    server_name www.sample.com;
```

```
    ssl_certificate /etc/cert/tls.crt;
```

```
    ssl_certificate_key /etc/cert/tls.key;
```

```
    location / {
```

```
        root /usr/share/nginx/html;
```

```
        index index.html index.htm;
```

```
    }
```

```
}
```

```
BinaryData
```

```
====
```

```
Events:  <none>
```

: cm-env.yml

```
apiVersion: v1
kind: ConfigMap
metadata:
  name: env-config
data:
  log_level: INFO
```

: cm-env-read.yml

```
apiVersion: v1
kind: Pod
metadata:
  name: web-apl
spec:
  containers:
    - name: web
      image: nginx
      env:
        - name: LOG_LEVEL ##
          valueFrom:
            configMapKeyRef:
              name: env-config ##
              key: log_level ##
```

```
$ kubectl apply -f cm-env.yml
```

```
$ kubectl apply -f cm-env-read.yml
```

```
$ kubectl exec -it web-apl env
```

```
kubectl exec [POD] [COMMAND] is DEPRECATED and will be removed in a future
version. Use kubectl exec [POD] -- [COMMAND] instead.
```

```
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin
```

```
HOSTNAME=web-apl
```

```
TERM=xterm
```

```
LOG_LEVEL=INFO
```

```
KUBERNETES_SERVICE_PORT=443
KUBERNETES_SERVICE_PORT_HTTPS=443
KUBERNETES_PORT=tcp://10.96.0.1:443
KUBERNETES_PORT_443_TCP=tcp://10.96.0.1:443
KUBERNETES_PORT_443_TCP_PROTO=tcp
KUBERNETES_PORT_443_TCP_PORT=443
KUBERNETES_PORT_443_TCP_ADDR=10.96.0.1
KUBERNETES_SERVICE_HOST=10.96.0.1
NGINX_VERSION=1.21.3
NJS_VERSION=0.6.2
PKG_RELEASE=1~buster
HOME=/root
```

- [Kubernetes](#)

From:

<https://moro.kr/> - **Various Ways**

Permanent link:

<https://moro.kr/open/k8s-configmap>

Last update: **2021/10/07 10:29**

