

K8s

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Base64

```
$ echo -n 'my_id' | base64
bXlfaWQ=
$ echo -n 'my_password' | base64
bXlfcGFzc3dvcmQ=
```

secret yml

```
apiVersion: v1
kind: Secret
metadata:
  name: db-credentials
type: Opaque
data:
  username: bXlfaWQ=
  password: bXlfcGFzc3dvcmQ=
```

command

```
$ kubectl apply -f db_credentials.yml
```

get secret

```
$ kubectl get secret
```

NAME	TYPE	DATA	AGE
db-credentials	Opaque	2	17s
default-token-mwh6r	kubernetes.io/service-account-token	3	4d5h
tls-certificate	kubernetes.io/tls	2	46h

my yml

```
apiVersion: v1
kind: Pod
metadata:
  name: web-apl
spec:
  containers:
  - name: nginx
    image: nginx
    env:
    - name: DB_USERNAME ##
      valueFrom:
        secretKeyRef:
          name: db-credentials ##
          key: username ##
    - name: DB_PASSWORD ##
      valueFrom:
        secretKeyRef:
          name: db-credentials
          key: password
```

command

```
$ kubectl apply -f reg_secret_env.yml
pod/web-apl created
```

```
$ kubectl get po
```

NAME	READY	STATUS	RESTARTS	AGE
bustbox	0/1	Error	0	3h58m
web-apl	1/1	Running	0	11s
web-php-7b7566bd54-nvm7n	1/1	Running	0	4h6m

```
$ kubectl exec -it web-apl -- bash -c 'echo $DB_USERNAME, $DB_PASSWORD'
my_id, my_password
```

```
apiVersion: v1
kind: Pod
metadata:
  name: web
spec:
  containers:
  - name: nginx
    image: nginx
    ports:
    - protocol: TCP
      containerPort: 443
    volumeMounts: ##
    - name: cert-vol ##
      mountPath: /etc/cert ##
  volumes: ##
  - name: cert-vol ##
    secret:
      secretName: www-cert ##
```

- [Kubernetes](#)

From:
<https://jace.link/> - **Various Ways**

Permanent link:
<https://jace.link/open/k8s-secret>

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