

Use Port Forwarding to Access Applications in a Cluster

If you need to connect directly to a tcp-port in a pod you can do this with port forwarding.

So for example to access the redis pod in the namespace redis you will use this on the client:

```
kubectl port-forward redis1-master-0 6379:6379 -n redis
```

"redis1-master" is the pod name.

You can then access redis with a client to localhost:6379

Get pod names

To get all pod names from namespace redis use the following:

```
$ kubectl get pods -n redis
```

NAME	READY	STATUS	RESTARTS	AGE
redis1-master-0	1/1	Running	0	39h
redis1-replicas-0	1/1	Running	0	39h
redis1-replicas-1	1/1	Running	0	39h
redis1-replicas-2	1/1	Running	0	39h

Links

<https://kubernetes.io/docs/tasks/access-application-cluster/port-forward-access-application-cluster/>

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