

# 1 PKS CheatSheet

## TOOLS

- PDF Link: [cheatsheet-pks-A4.pdf](#), Category: tools
- Blog URL: <https://cheatsheet.dennyzhang.com/cheatsheet-pks-A4>

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## 1.1 Basic

Name	Command
Links	Pivotal Container Service (PKS) Documentation, PKS Concepts
Create k8s cluster	link: Create a Kubernetes Cluster
Air-gapped deployments	No incoming and outgoing traffic during the PKS deployment
List all pks clusters	<code>pks clusters</code>
Create cluster	<code>pks create-cluster cluster1 --external-hostname cluster1.pks.com --plan &lt;\$plan&gt;</code>
Check cluster status	<code>pks cluster cluster1</code>
Get cluster credential for kubectl	<code>pks get-credentials &lt;Cluster_name&gt;</code>
Set kubectl context	<code>kubectl config use-context &lt;cluster_name&gt;</code>
List all available plans	<code>pks plans</code>

## 1.2 Login

Name	Command
Login	<code>pks login -a &lt;api.test.com&gt; -u &lt;username&gt; -p &lt;passwd&gt; -k</code>
Login	<code>pks login --skip-ssl-validation --username &lt;username&gt; --password &lt;passwd&gt;</code>
Run bosh command in OpsManager VM	Get bosh credential from Ops Manager

## 1.3 Online Help Usage

```
[ec2-user@ip-172-31-33-176 ~]$ pks --help
```

The Pivotal Container Service (PKS) CLI is used to create, manage, and delete Kubernetes clusters. To deploy workloads to a Kubernetes cluster created using the PKS CLI, use the Kubernetes CLI, kubectl.

Version: 1.1.1-build.8

Usage:

```
pks [command]
```

Available Commands:

```
cluster      View the details of the cluster
clusters     Show all clusters created with PKS
create-cluster Creates a kubernetes cluster, requires cluster name, an external host name, and plan
delete-cluster Deletes a kubernetes cluster, requires cluster name
get-credentials Allows you to connect to a cluster and use kubectl
help         Help about any command
login        Log in to PKS
logout       Log out of PKS
plans        View the preconfigured plans available
resize       Increases the number of worker nodes for a cluster
```

Flags:

```
-h, --help      help for pks
--version       version for pks
```

Use "pks [command] --help" for more information about a command.

## 1.4 More Resources

<https://github.com/pks-tips/tips>

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