

1 Minikube CheatSheet

CLOUD

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

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- Check kubernetes cheatsheet: <https://cheatsheet.dennyzhang.com/cheatsheet-kubernetes-A4>

1.1 Minikube basic

| Name | Command |
|--|--|
| minikube lifecycle | <code>minikube delete, minikube start, minikube status</code> , Link: minikube |
| Get minikube version | <code>minikube version</code> , Link: all minikube releases |
| mac install minikube | <code>brew cask install minikube, brew cask reinstall minikube</code> |
| Start minikube with different machine flavor | <code>minikube start --memory 5120 --cpus=4</code> |
| Start minikube with a specific k8s version | <code>minikube start --kubernetes-version v1.11.0</code> |
| Start minikube with more customizations | <code>minikube start --kubernetes-version v1.11.0 --feature-gates=AdvancedAuditing=true</code> |
| SSH to minikube vm | <code>minikube ssh, ssh -i ~/.minikube/machines/minikube/id_rsa docker@192.168.99.1</code> |
| Your local docker to use minikube dockerd | <code>eval \$(minikube docker-env)</code> , Then no need for <code>docker push</code> |
| Minikube check latest version | <code>minikube update-check</code> |

1.2 Check status

| Name | Command |
|----------------------|---|
| Get minikube version | <code>minikube version</code> , Link: all minikube releases |
| Get cluster info | <code>kubectl cluster-info</code> |
| Get service info | <code>minikube service <srv-name></code> |
| Get dashboard | <code>minikube dashboard</code> |
| Get ip | <code>minikube ip</code> |
| Get minikube log | <code>minikube logs</code> |
| List addons | <code>minikube addons list</code> |

1.3 Minikube Folders

| Name | Command |
|--|---|
| Mount host OS's folder to minikube VM | <code>minikube mount /host-mount-path:/vm-mount-path</code> |
| Folder of k8s.io/minikube-hostpath provisioner | <code>/tmp/hostpath-provisioner, /tmp/hostpath_pv</code> |
| Mount host OS's folder to minikube VM | <code>minikube mount /host-mount-path:/vm-mount-path</code> |
| Critical minikube folder | <code>/var/lib/localkube, /var/lib/docker, /data</code> |
| Check minikube config in your host OS desktop | <code>~/.minikube/machines/minikube/config.json</code> |
| Minikube conf in local env | <code>~/.minikube, ~/.kube</code> |

1.4 Minikube Advanced

| Name | Command |
|---|--|
| Install addon after creating minikube env | <code>minikube addons enable heapster, kubectl top node</code> |

1.5 More Resources

License: Code is licensed under MIT License.

<https://github.com/kubernetes/minikube/tree/master/docs>