Prisma Cloud 计算版本阿里云安装手册

1. Select the image, and the version you want to deploy. E.g.，20.04.169
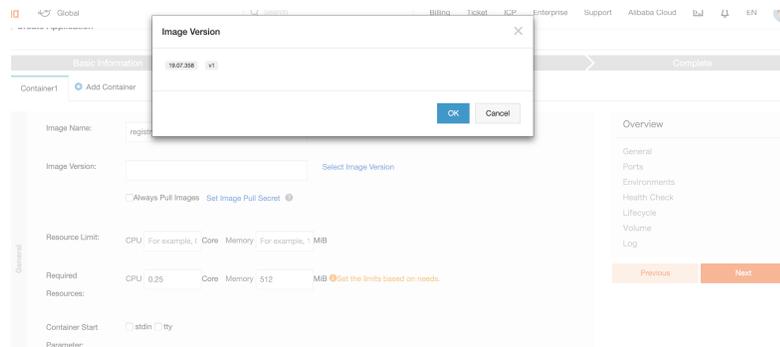
      Others keep default, and start the deployment.

2. When the pod goes up, you can use the server which you manage the K8s cluster, with kubectl installed.
   Type: *kubectl get pod -n default (if you choose to use default namespace to install the application)*
   Type: *kubectl exec -it <pod_name> -- bash*, to login the pod created, to get into the terminal.

3. By default you will be in the directory of /tmp, type: ls, you will see one folder: linux, and file: twistlock.cfg with other oss license documents there:

```
root@twistlock-installer-cd65d5686-kzcrh:/tmp# ls
linux  twistlock-console-helm.tar.gz  twistlock-license.pdf  twistlock-oss-licenses.pdf  twistlock.cfg  version.txt
root@twistlock-installer-cd65d5686-kzcrh:/tmp#
```

Goto the PaloAlto Networks website: https://docs.paloaltonetworks.com/prisma/prisma-cloud/19-11/prisma-cloud-compute-edition-admin/install/install_kubernetes.html to find the guide for twistlock installation on ACK. You will use ***twistcli*** to create Helm charts for Prisma Cloud Console and Defender. Helm is a package manager for Kubernetes, and ***chart*** is the moniker for a Helm package.

type the below command in the pod terminal:

```
linux/twistcli console export kubernetes \
  --storage-class alicloud-disk-available \
  --service-type LoadBalancer \
  --helm
```

4. When prompt the access token, pls. enter the token you have got. ***If you don't please contact PaloAlto Networks Sales team for the EVAL token and license.***

5. After entered the token, it will generate a file: twistlock-console-helm.tar.gz

```
root@twistlock-console-install-766b9fc444-5n7qc:/tmp# ls
linux  twistlock-console-helm.tar.gz  twistlock.cfg
root@twistlock-console-install-766b9fc444-5n7qc:/tmp# 
```

6. Type: exit, to exit the pod terminal, from your server to copy the helm package file from the pod to your server local directory. Type the command:
   kubectl cp <pod_name>:/tmp/twistlock-console-helm.tar.gz /<your_local_dir>/twistlock-console-helm.tar.gz
   (for example: *kubectl cp <pod_name>:/tmp/twistlock-console-helm.tar.gz /tmp/twistlock-console-helm.tar.gz*)
   Note: If you see output: tar: "Removing leading `/' from member names", this is NOT an error message. The copy should be finished successfully.

7. After the above steps, you have copied the helm package into your local directory, and you can continue the rest steps of installation through the guide: https://docs.paloaltonetworks.com/prisma/prisma-cloud/19-11/prisma-cloud-compute-edition-admin/install/install_kubernetes.html And find the section of: Alibaba Cloud Container Service for Kubernetes (ACK)

   - Install the console:

     ```
     helm install \
       --namespace twistlock \
       --name twistlock-console \
       ./twistlock-console-helm.tar.gz
     ```

   - Change the PersistentVolumeClaim's reclaimPolicy

     ```
     kubectl get pv
     kubectl patch pv <pvc-name> -p \
     '{"spec":{"persistentVolumeReclaimPolicy":"Retain"}}'
     ```

   - When the service is fully up, the LoadBalancer's IP address is shown.

     ```
     kubectl get service -w -n Twistlock
     ```

   - Open a browser window, and navigate to Console.
     By default, Console is served on HTTPS on port 8083 of the load balancer:
     ```
     https://<LOADBALANCER_IP_ADDR>:8083.
     ```

- Continue with the rest of the install [here](#).

8. Now you done, and you can delete the deployment you previously installed. You can use: *helm delete –purge twistlock-console* or operate directly in Alibaba console.

9. Full Administrator Document, you can find here: https://docs.paloaltonetworks.com/content/dam/techdocs/en_US/pdf/prisma/prisma-cloud/19-11/prisma-cloud-compute-edition-admin/prisma-cloud-compute-edition-admin.pdf