

知 cloudos如何将主机上的文件拷贝到容器内部?

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问题描述

本案例描述的是，cloudos如何将主机上的文件拷贝到容器内部的一种方法
本文以将/root/nginx.conf拷贝到计算节点为例

过程分析

在集群任意主机执行如下命令

```
[root@cloudos2 ~]# source /opt/bin/common/tool.sh
```

```
[root@cloudos2 ~]# pod
```

返回结果，计算节点容器在172.16.3.122节点

```
[root@cloudos2 ~]# pod
[root@cloudos2 ~]# pod
NAMESPACE   NAME                READY   STATUS    RESTARTS   AGE   IP             NODE
default     concop3rc-by19e     1/1    Running   0           21d   10.101.16.3    172.16.3.122
default     cvknode06rc-h2s61  1/1    Running   0           10d   10.101.12.3    172.16.3.122
default     openstackrc-0s3hm  1/1    Running   0           9d    10.101.16.6    172.16.3.122
default     parametcdrc-bzjlc  1/1    Running   0           9d    10.101.12.4    172.16.3.122
default     portalrc-4icnb     1/1    Running   0           9d    10.101.16.7    172.16.3.123
default     postgresqlrc-uaf9  1/1    Running   0           9d    10.101.12.6    172.16.3.122
default     rabbitmqrc-u3puy   1/1    Running   0           21d   10.101.16.4    172.16.3.123
default     rdbrc-2zx2s        1/1    Running   0           9d    10.101.16.8    172.16.3.123
default     webapprc-ikt6r     1/1    Running   0           9d    10.101.12.5    172.16.3.122
kube-system kube-dns-v17.1-53of6 2/3    CrashLoopBackOff 3533   9d    10.101.16.5    172.16.3.123
[root@cloudos2 ~]#
```

ssh到 172.16.3.122节，执行

```
[root@cloudos2 ~]# docker ps -a | grep cvknode06
```

返回结果标红的55e487b8fa97就是容器ID

```
[root@cloudos2 ~]# docker ps -a | grep cvknode
55e487b8fa97   cloudos-openstack-compute:E1139   "/root/docker-opensta"   10 days ago   Up 10 days
               K8s_cvknode06_a79c8bac_cvknode06rc-h2s61_default_c15ea97a-6a7c-11eb-a9f0-0cda411d5399_c79c956f
8f6c615cbecr   gcr.io/google_containers/pause-amd64:3.0   /pause                   10 days ago   Up 10 days
               K8s_POD_d8dbe16c_cvknode06rc-h2s61_default_c15ea97a-6a7c-11eb-a9f0-0cda411d5399_9a72e01b
[root@cloudos2 ~]#
```

执行以下命令

```
[root@cloudos2 ~]# docker cp /root/nginx.conf 55e487b8fa97:/var
```

即可将 cloudos2 (172.16.3.122) 节点上 /root/nginx.conf拷贝到cvknode06rc-h2s61容器的/var路径

。

解决方法

验证:

执行以下命令

```
[root@cloudos2 ~]# /opt/bin/kubectl -s=127.0.0.1:8888 exec -it cvknode06rc-h2s61 bash
```

验证是否已经拷贝到容器内部。验证已经拷贝成功。

```
[root@cloudos2 ~]# /opt/bin/kubectl -s=127.0.0.1:8888 exec -it cvknode06rc-h2s61 bash
[root@cvknode06rc /]# ll /var
total 16
drwxr-xr-x  2 root root   6 Jun 10  2014 adm
drwxr-xr-x  7 root root  77 Jul 19  2016 cache
drwxr-xr-x  3 root root  34 Apr 13  2018 db
drwxr-xr-x  2 root root   6 Jun 10  2014 empty
drwxr-xr-x  2 root root   6 Jun 10  2014 games
drwxr-xr-x  2 root root   6 Jun 10  2014 gopher
drwxr-xr-x  3 root root  18 Mar 31  2015 kerberos
drwxr-xr-x 31 root root 4096 Feb 19  03:25 lib
drwxr-xr-x  2 root root   6 Jun 10  2014 local
lrwxrwxrwx  1 root root   11 Mar 31  2015 lock -> ../run/lock
drwxr-xr-x  9 root root 4096 Feb 14  03:15 log
lrwxrwxrwx  1 root root   10 Mar 31  2015 mail -> /spool/mail
-rwxr-xr-x  1 root root 5844 Jan  9  23:37 nginx.conf
drwxr-xr-x  2 root root   6 Jun 10  2014 nis
drwxr-xr-x  2 root root   6 Jun 10  2014 opt
drwxr-xr-x  2 root root   6 Jun 10  2014 preserve
lrwxrwxrwx  1 root root   6 Mar 31  2015 run -> ../run
drwxr-xr-x  6 root root  56 Apr 13  2018 spool
drwxr-xr-x  4 root root  28 Jul 19  2016 target
drwxrwxrwt  3 root root 105 Feb  9  10:16 tmp
drwxr-xr-x  3 root root  17 Oct 21  2015 var
drwxr-xr-x  2 root root   6 Jun 10  2014 yp
[root@cvknode06rc /]#
```

