

Red Hat Enterprise Linux 9 64-bit - VMware Workstation

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cloudera-quickstart-vm

Red Hat Enterprise Linux

Activities Terminal

Nov 27 20:51

root@localhost:~

root@localhost:~

```
[root@localhost ~]# cat assignment
1:Create a container by name web1 using httpd image, make the website available on external port 7000, create a file by name hpcsa.html . copy inside container, display output using curl
2:Create a directory by name web2 using httpd image, make the website available on port 8500, create a directory by name /acts, create welcome.html and courses.html in this directory, map this directory to container to display the contents by apache, display output using curl, create a new file contact.html in /acts directory , display it using curl.
[root@localhost ~]# docker run --name web1 -p 7000:80 httpd
Emulate Docker CLI using podman. Create /etc/containers/nodocker to quiet msg.
AH00558: httpd: could not reliably determine the server's fully qualified domain name, using 10.88.0.5. Set the 'ServerName' directive globally to suppress this message
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[Mon Nov 27 15:12:47.695469 2023] [mpm_event:notice] [pid 1:tid 140715198662528] AH00489: Apache/2.4.58 (Unix) configured -- resuming normal operations
[Mon Nov 27 15:12:47.695595 2023] [core:notice] [pid 1:tid 140715198662528] AH00094: Command line: 'httpd -D FOREGROUND'
10.88.0.1 - - [27/Nov/2023:15:14:43 +0000] "GET / HTTP/1.1" 200 45
[Mon Nov 27 15:15:59.652205 2023] [mpm_event:notice] [pid 1:tid 140715198662528] AH00492: caught SIGWINCH, shutting down gracefully
[root@localhost ~]# setenforce 0
[root@localhost ~]# docker run --name web1 -p 7000:80 httpd
Emulate Docker CLI using podman. Create /etc/containers/nodocker to quiet msg.
Error: creating container storage: the container name "web1" is already in use by c69f6961a24214f6alce577ef9a11e84df31736f4289ab89e4c930cb1234ee6c. You have to remove that container to be able to reuse that name:
that name is already in use
[root@localhost ~]# docker rm web1
Emulate Docker CLI using podman. Create /etc/containers/nodocker to quiet msg.
web1
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AH00558: httpd: could not reliably determine the server's fully qualified domain name, using 10.88.0.6. Set the 'ServerName' directive globally to suppress this message
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[Mon Nov 27 15:17:15.416128 2023] [mpm_event:notice] [pid 1:tid 140259058038656] AH00489: Apache/2.4.58 (Unix) configured -- resuming normal operations
[Mon Nov 27 15:17:15.416278 2023] [core:notice] [pid 1:tid 140259058038656] AH00094: Command line: 'httpd -D FOREGROUND'
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10.88.0.1 - - [27/Nov/2023:15:20:21 +0000] "GET / HTTP/1.1" 200 45
10.88.0.1 - - [27/Nov/2023:15:20:32 +0000] "GET /hpcsa.html HTTP/1.1" 200 36
```

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Activities Terminal

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root@localhost:~

root@localhost:~

```
[root@localhost ~]# vi hpcsa.html
[root@localhost ~]# curl localhost:7000/
<html><body><h1>It works!</h1></body></html>
[root@localhost ~]# docker cp hpcsa.html web1:/usr/local/apache2/htdocs/
Emulate Docker CLI using podman. Create /etc/containers/nodocker to quiet msg.
[root@localhost ~]# curl localhost:7000/
<html><body><h1>It works!</h1></body></html>
[root@localhost ~]# curl localhost:7000/hpcsa.html
this is webpage within container!!!
[root@localhost ~]#
```

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Nov 27 20:59

root@localhost:acts

root@localhost:~

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10.88.0.1 - - [27/Nov/2023:15:20:32 +0000] "GET /hpcsa.html HTTP/1.1" 200 36
[Mon Nov 27 15:22:18.074619 2023] [mpm_event:notice] [pid 1:tid 140259058038656] AH00492: caught SIGWINCH, shutting down gracefully
[root@localhost ~]# vi assignment
[root@localhost ~]# mkdir /acts
[root@localhost ~]# cd /acts
[root@localhost acts]# vi welcome.html
[root@localhost acts]# vi courses.html
[root@localhost acts]# docker run --name wb2 -d -p 8500:80 -v /acts:/usr/local/apache2/htdocs/ httpd
Emulate Docker CLI using podman. Create /etc/containers/nodocker to quiet msg.
b0e06f29abb016a77327b520a54de09f31f54cd2da433114c60e27b4316c2a8f
[root@localhost acts]# curl localhost:8500/welcome.html
this is welcome.html!!!!!!
[root@localhost acts]# curl localhost:8500/courses.html
this is courses.html!!!!
[root@localhost acts]# vi contact.html
[root@localhost acts]# curl localhost:8500/contact.html
this is contact.html !!!
[root@localhost acts]#
```

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