

Podman??? DNS??

podman 可以 通过 cni 网络 , 但是 DNS 无法 通过
所以 需要 DNS 服务 在 容器 中 .

1. docker 容器 中 dns 服务 测试

```
$> docker exec -it awx_task ping redis
PING redis (172.18.0.5) 56(84) bytes of data.
64 bytes from awx_redis.awxcompose_default (172.18.0.5): icmp_seq=1 ttl=64 time=0.240 ms
64 bytes from awx_redis.awxcompose_default (172.18.0.5): icmp_seq=2 ttl=64 time=0.090 ms
64 bytes from awx_redis.awxcompose_default (172.18.0.5): icmp_seq=3 ttl=64 time=0.074 ms
^C
--- redis ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 3ms
rtt min/avg/max/mdev = 0.074/0.134/0.240/0.075 ms
```

2. podman 容器 中 dns 服务 测试

```
$ podman exec -it awx_task ping redis
ping: redis: Name or service not known
```

????

1. cni 的 dnsname 选项 在 NetworkManager 中

2. dns 服务 安装

```
$> yum install dnsmasq podman-plugins -y
```

3. NetworkManager dnsname 选项 在 配置 文件中

```
$> vi /etc/NetworkManager/NetworkManager.conf
...
```

```
[main]
dns=dnsmasq
...
```

4. NetworkManager dnsname [] [] []

```
$> ls -l /usr/libexec/cni/
[ ] 73252
...
-rwxr-xr-x 1 root root 3980624 2[ ] 2 09:00 dnsname
...
```

5. cni dnsname [] []

```
$> vi /etc/cni/net.d/awxcompose_default.conflist
...
{
  "type": "firewall",
  "backend": ""
},
{
  "type": "tuning"
},
{
  "type": "dnsname",
  "domainName": "awxcompose_default",
  "capabilities": {
    "aliases": true
  }
}
]
```

6. [] []

7. [] [] []

```
$> podman exec -it awx_task ping redis
PING redis (10.89.0.2) 56(84) bytes of data.
64 bytes from awx_redis (10.89.0.2): icmp_seq=1 ttl=64 time=0.119 ms
```

```
64 bytes from awx_redis (10.89.0.2): icmp_seq=2 ttl=64 time=0.047 ms
64 bytes from awx_redis (10.89.0.2): icmp_seq=3 ttl=64 time=0.070 ms
64 bytes from awx_redis (10.89.0.2): icmp_seq=4 ttl=64 time=0.072 ms
^C
--- redis ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 155ms
rtt min/avg/max/mdev = 0.047/0.069/0.119/0.021 ms
```

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