Subject: NAT within 2 containers
Posted by timmy on Tue, 21 Dec 2010 02:01:18 GMT
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Hi,

I have a container (call it ct1) with 2 veth network ports (which are bridged to 2 network ports on the host). One WAN (eth0) and one LAN (eth1).

I want to have another container (call it ct2) to have a single veth (eth1 - LAN) and for it to route/nat via ct1.

I have tried setting the default gateway on ct2 to ct1's LAN IP. note they can ping each other. I have tried lots of ways to try to get ct1 to masquerade the traffic but it just wont work!

What am I doing wrong? is this possible??

To masquerade I have tried... (note all defaults set to accept)

iptables -t nat -A POSTROUTING -s 10.0.1.0/24 -o eth0 -j SNAT --to 123.x.x.61

where 123.x.x.61 is the WAN ip on ct1

I also tried

iptables -t nat -A POSTROUTING -o eth0 -j MASQUERADE

Thanks

Subject: Re: NAT within 2 containers
Posted by timmy on Tue, 21 Dec 2010 11:45:50 GMT
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actually got it working finally.

Duno what I was doing wrong.

for the record,

iptables -t nat -A POSTROUTING -s 10.0.1.0/24 -o eth0 -j SNAT --to 123.x.x.x

did the job

I have just managed to get transparent proxy working so that one node proxies to some other nodes but doesnt change the source ip and then the return is routed back via the proxy's ip too

Subject: Re: NAT within 2 containers
Posted by timmy on Tue, 21 Dec 2010 11:54:28 GMT
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actually got it working finally.

Duno what I was doing wrong.

for the record,

iptables -t nat -A POSTROUTING -s 10.0.1.0/24 -o eth0 -j SNAT --to 123.x.x.x

did the job

I have just managed to get transparent proxy working so that one node proxies to some other nodes but doesnt change the source ip and then the return is routed back via the proxy's ip too

Subject: Re: NAT within 2 containers
Posted by timmy on Tue, 21 Dec 2010 11:55:38 GMT
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actually got it working finally.

Duno what I was doing wrong.

for the record,

iptables -t nat -A POSTROUTING -s 10.0.1.0/24 -o eth0 -j SNAT --to 123.x.x.x

did the job

I have just managed to get transparent proxy working so that one node proxies to some other nodes but doesnt change the source ip and then the return is routed back via the proxy's ip too