

## Migrated Checkpoint NAT Table Report

Host:migrated\_sjpix

Policy package:Migrated\_Policy

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This report provides two tables that are very useful in migrating Cisco NAT rules and in limiting the scope of Checkpoint security rules through the use of reachable networks.

The Proposed Checkpoint NAT Table is derived from the Cisco device table. The table entries are organized such that the identity transforms are listed first and the default interface transforms last, at the end of the table. We recommend this NAT table be used as the address translation rules in Checkpoint device. While entering these address translation rules into the Checkpoint Management Console, ensure that the row order is strictly followed.

The Cisco Device Reachability Table is derived from the Cisco routing rules. For each Cisco interface, the set of networks which are reachable through the interface are specified. If a Checkpoint rule with "any" in its source address was translated from a Cisco rule which also had "any" in its source address, then the "any" in source address of the Checkpoint rule should be replaced by the list of reachable networks corresponding to the interface that is associated with the ruleset in which the Cisco rule was found.

We recommend the following methodology in using this report to support migration:

If the Checkpoint firewall does not have address translation rules, we suggest generating only the Migrated Checkpoint NAT Table Report first and adding address translation rules contained in the report. This will reduce the number of policy differences caused by address translation rules. After that, the Firewall Migration Analysis and Recommendations Report can be generated.

### Proposed Checkpoint NAT Table

Source	Destination	Service	Translated Source	Translated Destination	Translated Service
172.16.0.0/16	192.168.16.0/24	any	original	original	original
10.0.0.0/8	192.168.16.0/24	any	original	original	original
192.168.16.0/24	172.16.0.0/16	any	original	original	original
192.168.16.0/24	10.0.0.0/8	any	original	original	original
192.168.1.0/24	192.168.1.4	any	original	172.16.0.19	original
172.16.0.19	192.168.1.0/24	any	192.168.1.4	original	original
192.168.2.0/24	192.168.50.0/24	any	192.168.50.5	original	original
192.168.3.0/24	192.168.50.0/24	any	192.168.50.4	original	original

Source	Destination	Service	Translated Source	Translated Destination	Translated Service
172.16.0.0/16	192.168.1.0/24	any	192.168.1.3	original	original
172.16.0.0/16	192.168.50.0/24	any	192.168.50.3	original	original
172.17.0.0/16	192.168.50.0/24	any	192.168.50.6	original	original
10.0.0.0/8	192.168.50.0/24	any	192.168.50.6	original	original
192.168.1.0/24	192.168.50.0/24	any	192.168.50.3	original	original
192.168.1.2	any	any	62.59.14.163	original	original
192.168.50.2	any	any	62.59.14.171	original	original
192.168.9.2	any	any	62.59.14.169	original	original
192.168.9.2	any	any	62.59.14.161	original	original
192.168.2.0/24	any	any	62.59.14.167	original	original
192.168.3.0/24	any	any	62.59.14.164	original	original
192.168.4.0/24	any	any	62.59.14.165	original	original
192.168.5.0/24	any	any	62.59.14.166	original	original
172.16.0.0/16	any	any	62.59.14.162	original	original
172.17.0.0/16	any	any	62.59.14.168	original	original
10.0.0.0/8	any	any	62.59.14.168	original	original
192.168.1.0/24	any	any	62.59.14.162	original	original
192.168.50.0/24	any	any	62.59.14.162	original	original
any	62.59.14.163	any	original	192.168.1.2	original
any	62.59.14.171	any	original	192.168.50.2	original
any	62.59.14.169	any	original	192.168.9.2	original
any	62.59.14.161	any	original	192.168.9.2	original

## Cisco Device Reachability Table

Zone	Interface	Reachable Networks
DMZ	mail1 (192.168.1.1/255.255.255.0)	192.168.1.0/24
	proxymail (192.168.9.1/255.255.255.0)	192.168.9.0/24
	testweb (192.168.50.1/255.255.255.0)	192.168.50.0/24
External	outside (62.59.14.189/255.255.255.224)	0.0.0.0 to 9.255.255.255 11.0.0.0 to 172.15.255.255 172.18.0.0 to 192.168.0.255 192.168.6.0 to 192.168.8.255
		192.168.10.0 to 192.168.49.255 192.168.51.0 to 255.255.255.255
Internal	inside (172.16.0.1/255.255.0.0)	10.0.0.0/8 172.16.0.0/15 192.168.2.0 to 192.168.5.255

