

## ASA -5520 - Firewall Configuration Site to Site IPSec VPN Tunnel

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```
ASA-Firewall-01# show running-config
: Saved
:
ASA Version 8.0(2)
!
hostname ASA-Firewall-01
enable password 8Ry2Yjlyt7RRXU24 encrypted
names
name 10.20.10.0 Remote
!
interface Ethernet0/0
 nameif outside
 security-level 0
 ip address 172.16.1.1 255.255.255.0
!
interface Ethernet0/1
 nameif inside
 security-level 100
 ip address 10.10.10.1 255.255.255.0
!
interface Ethernet0/2
 nameif management
 security-level 0
 ip address 100.100.100.100 255.255.255.0
!
interface Ethernet0/3
 shutdown
 no nameif
 no security-level
 no ip address
!
interface Ethernet0/4
 shutdown
 no nameif
 no security-level
 no ip address
!
interface Ethernet0/5
 shutdown
 no nameif
```

```
no security-level
no ip address
!
passwd 2KFQnbNIdl.2KYOU encrypted
boot config disk0:/private/startup-config
ftp mode passive
access-list outside_1_cryptomap extended permit ip 10.10.10.0 255.255.255.0 Remote 255.255.255.0
access-list inside_nat0_outbound extended permit ip 10.10.10.0 255.255.255.0 Remote 255.255.255.0
access-list nonat extended permit ip 10.10.10.0 255.255.255.0 Remote 255.255.255.0
pager lines 24
mtu outside 1500
mtu inside 1500
mtu management 1500
no failover
icmp unreachable rate-limit 1 burst-size 1
asdm image disk0:/asdm-649-103.bin
no asdm history enable
arp timeout 14400
nat (inside) 0 access-list nonat
route outside 0.0.0.0 0.0.0.0 172.16.1.2 1
timeout xlate 3:00:00
timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 icmp 0:00:02
timeout sunrpc 0:10:00 h323 0:05:00 h225 1:00:00 mgcp 0:05:00 mgcp-pat 0:05:00
timeout sip 0:30:00 sip_media 0:02:00 sip-invite 0:03:00 sip-disconnect 0:02:00
timeout uauth 0:05:00 absolute
dynamic-access-policy-record DfltAccessPolicy
http server enable
http 100.100.100.101 255.255.255.255 management
no snmp-server location
no snmp-server contact
snmp-server enable traps snmp authentication linkup linkdown coldstart
crypto ipsec transform-set ESP-DES-SHA esp-des esp-sha-hmac
crypto ipsec security-association lifetime seconds 1800
crypto map outside_map 1 match address outside_1_cryptomap
crypto map outside_map 1 set pfs group1
crypto map outside_map 1 set peer 172.17.1.1
crypto map outside_map 1 set transform-set ESP-DES-SHA
crypto map outside_map 1 set security-association lifetime seconds 28800
crypto map outside_map interface outside
crypto isakmp enable outside
crypto isakmp policy 10
authentication pre-share
encryption des
hash sha
group 1
lifetime 86400
no crypto isakmp nat-traversal
telnet timeout 5
```

```
ssh timeout 5
console timeout 0
threat-detection basic-threat
threat-detection statistics access-list
!
!
username waqas password 2kOI6/jl/9uq79KY encrypted privilege 15
tunnel-group 172.17.1.1 type ipsec-l2l
tunnel-group 172.17.1.1 ipsec-attributes
pre-shared-key *
prompt hostname context
Cryptochecksum:cf8c977cb18bbeb98a8979c7b1d02852
: end
```