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# Site-to-Site VPN Diagram

192.168.101.6/24  
Gateway: 192.168.101.1



Firewall-01

Inside (VLAN1) 192.168.101.1  
Outside (VLAN2) 192.168.0.11  
Gateway 192.168.0.1

192.168.102.6/24  
Gateway: 192.168.102.1



Firewall-02

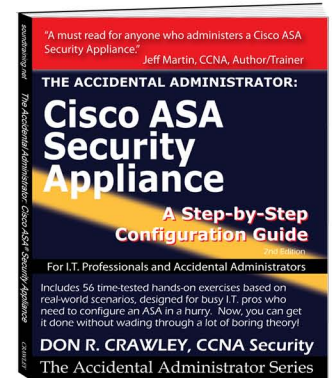
Inside (VLAN1) 192.168.102.1  
Outside (VLAN2) 192.168.0.12  
Gateway 192.168.0.1

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## Firewall ASA02 Configuration

(Assumes base configuration is already in place with IP addresses matching the attached diagram)

```
object network net-local
  subnet 192.168.102.0 255.255.255.0
object network net-remote
  subnet 192.168.101.0 255.255.255.0
access-list outside_1_cryptomap permit ip 192.168.102.0 255.255.255.0 192.168.101.0 255.255.255.0
tunnel-group 192.168.0.11 type ipsec-l2l
tunnel-group 192.168.0.11 ipsec-attributes
  pre-shared-key pass1234
  isakmp keepalive threshold 10 retry 2
crypto isakmp enable outside
crypto isakmp policy 10 authentication pre-share
crypto isakmp policy 10 encrypt 3des
crypto isakmp policy 10 hash sha
crypto isakmp policy 10 group 2
crypto isakmp policy 10 lifetime 86400
crypto ipsec transform-set ESP-3DES-SHA esp-3des esp-sha-hmac
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 192.168.0.11
crypto map outside_map 1 set transform-set ESP-3DES-SHA
crypto map outside_map interface outside
nat (inside,outside) 1 source static net-local net-local destination static net-remote net-remote
route outside 0 0 192.168.0.1
```



# Firewall ASA01 Configuration

(Assumes base configuration is already in place with IP addresses matching the attached diagram)

```
object network net-local
  subnet 192.168.101.0 255.255.255.0
object network net-remote
  subnet 192.168.102.0 255.255.255.0
access-list outside_1_cryptomap permit ip 192.168.101.0 255.255.255.0 192.168.102.0 255.255.255.0
tunnel-group 192.168.0.12 type ipsec-l2l
tunnel-group 192.168.0.12 ipsec-attributes
  pre-shared-key pass1234
  isakmp keepalive threshold 10 retry 2
crypto isakmp enable outside
crypto isakmp policy 10 authentication pre-share
crypto isakmp policy 10 encrypt 3des
crypto isakmp policy 10 hash sha
crypto isakmp policy 10 group 2
crypto isakmp policy 10 lifetime 86400
crypto ipsec transform-set ESP-3DES-SHA esp-3des esp-sha-hmac
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 192.168.0.12
crypto map outside_map 1 set transform-set ESP-3DES-SHA
crypto map outside_map interface outside
nat (inside,outside) 1 source static net-local net-local destination static net-remote net-remote
```