**Reference:** [**CiscoSkills.net - ASA Site to Site VPN (DHCP)**](https://ciscoskills.net/2017/04/19/asa-site-to-site-vpn-dhcp/)

Acme Corporation Firewall Configuration:

: Saved

:

: Serial Number: 9AEHKDNB7XU

: Hardware: ASAv, 2048 MB RAM, CPU Pentium II 3600 MHz

:

ASA Version 9.6(2)

!

hostname ASA-1

enable password 2KFQnbNIdI.2KYOU encrypted

xlate per-session deny tcp any4 any4

xlate per-session deny tcp any4 any6

xlate per-session deny tcp any6 any4

xlate per-session deny tcp any6 any6

xlate per-session deny udp any4 any4 eq domain

xlate per-session deny udp any4 any6 eq domain

xlate per-session deny udp any6 any4 eq domain

xlate per-session deny udp any6 any6 eq domain

passwd 2KFQnbNIdI.2KYOU encrypted

names

!

interface GigabitEthernet0/0

 description to SW-1

 duplex full

 no nameif

 no security-level

 no ip address

!

interface GigabitEthernet0/0.5

 vlan 5

 nameif Inside

 security-level 100

 ip address 10.1.1.1 255.255.255.0

!

interface GigabitEthernet0/1

 description to Internet-1

 duplex full

 nameif Outside

 security-level 0

 ip address 192.0.2.10 255.255.255.128

!

interface Management0/0

 description OOB Management

 duplex full

 management-only

 nameif mgmt

 security-level 100

 ip address 172.16.1.167 255.255.255.0

!

ftp mode passive

same-security-traffic permit inter-interface

object network VPN-REMOTE-ACME-BRANCH-NET-1

 subnet 10.1.2.0 255.255.255.0

object network VPN-REMOTE-ACME-BRANCH-NET-2

 subnet 10.1.3.0 255.255.255.0

object network ACME-CORP-NET

 subnet 10.1.1.0 255.255.255.0

object network VPN-REMOTE-ACORP-BRANCH-NET-1

 subnet 10.1.2.0 255.255.255.0

object network VPN-REMOTE-ACORP-BRANCH-NET-2

 subnet 10.1.3.0 255.255.255.0

object-group network VPN-LOCAL-ACMECORP-NET

 network-object object ACME-CORP-NET

object-group network VPN-LOCAL-ACORP

 network-object object ACME-CORP-NET

object-group network VPN-REMOTE-ACORP-BRANCH

 network-object object VPN-REMOTE-ACORP-BRANCH-NET-1

 network-object object VPN-REMOTE-ACORP-BRANCH-NET-2

access-list ACL-VPN-ACORP-ACORP-BRANCH extended permit ip object-group VPN-LOCAL-ACORP object-group VPN-REMOTE-ACORP-BRANCH

pager lines 23

logging enable

logging asdm informational

mtu Inside 1500

mtu Outside 1500

mtu mgmt 1500

no failover

no monitor-interface service-module

icmp unreachable rate-limit 1 burst-size 1

no asdm history enable

arp timeout 14400

no arp permit-nonconnected

arp rate-limit 8192

nat (Outside,Inside) source static VPN-REMOTE-ACORP-BRANCH VPN-REMOTE-ACORP-BRANCH destination static VPN-LOCAL-ACORP VPN-LOCAL-ACORP no-proxy-arp

nat (Inside,Outside) source static VPN-LOCAL-ACMECORP-NET VPN-LOCAL-ACMECORP-NET destination static VPN-REMOTE-ACORP-BRANCH VPN-REMOTE-ACORP-BRANCH no-proxy-arp

nat (Inside,Outside) source dynamic any interface

route Outside 0.0.0.0 0.0.0.0 192.0.2.1 1

timeout xlate 3:00:00

timeout pat-xlate 0:00:30

timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 sctp 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 sip-provisional-media 0:02:00 uauth 0:05:00 absolute

timeout tcp-proxy-reassembly 0:01:00

timeout floating-conn 0:00:00

timeout conn-holddown 0:00:15

user-identity default-domain LOCAL

aaa authentication ssh console LOCAL

http server enable

http 0.0.0.0 0.0.0.0 mgmt

no snmp-server location

no snmp-server contact

crypto ipsec ikev1 transform-set ESP-AES-128-SHA esp-aes esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-AES-128-MD5 esp-aes esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-AES-192-SHA esp-aes-192 esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-AES-192-MD5 esp-aes-192 esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-AES-256-SHA esp-aes-256 esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-AES-256-MD5 esp-aes-256 esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-AES-128-SHA-TRANS esp-aes esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-AES-128-SHA-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-AES-128-MD5-TRANS esp-aes esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-AES-128-MD5-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-AES-192-SHA-TRANS esp-aes-192 esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-AES-192-SHA-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-AES-192-MD5-TRANS esp-aes-192 esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-AES-192-MD5-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-AES-256-SHA-TRANS esp-aes-256 esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-AES-256-SHA-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-AES-256-MD5-TRANS esp-aes-256 esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-AES-256-MD5-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-3DES-SHA esp-3des esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-3DES-MD5 esp-3des esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-3DES-SHA-TRANS esp-3des esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-3DES-SHA-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-3DES-MD5-TRANS esp-3des esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-3DES-MD5-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-DES-SHA esp-des esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-DES-MD5 esp-des esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-DES-SHA-TRANS esp-des esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-DES-SHA-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-DES-MD5-TRANS esp-des esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-DES-MD5-TRANS mode transport

crypto ipsec security-association pmtu-aging infinite

crypto map CM-ACORP-ACORP-BRANCH 1 match address ACL-VPN-ACORP-ACORP-BRANCH

crypto map CM-ACORP-ACORP-BRANCH 1 set peer 203.0.113.10

crypto map CM-ACORP-ACORP-BRANCH 1 set ikev1 transform-set ESP-AES-128-SHA

crypto map CM-ACORP-ACORP-BRANCH interface Outside

crypto ca trustpoint \_SmartCallHome\_ServerCA

 no validation-usage

 crl configure

crypto ca trustpool policy

 auto-import

crypto ca certificate chain \_SmartCallHome\_ServerCA

 certificate ca 6ecc7aa5a7032009b8cebcf4e952d491

 308205ec 308204d4 a0030201 0202106e cc7aa5a7 032009b8 cebcf4e9 52d49130

 0d06092a 864886f7 0d010105 05003081 ca310b30 09060355 04061302 55533117

 30150603 55040a13 0e566572 69536967 6e2c2049 6e632e31 1f301d06 0355040b

 13165665 72695369 676e2054 72757374 204e6574 776f726b 313a3038 06035504

 0b133128 63292032 30303620 56657269 5369676e 2c20496e 632e202d 20466f72

 20617574 686f7269 7a656420 75736520 6f6e6c79 31453043 06035504 03133c56

 65726953 69676e20 436c6173 73203320 5075626c 69632050 72696d61 72792043

 65727469 66696361 74696f6e 20417574 686f7269 7479202d 20473530 1e170d31

 30303230 38303030 3030305a 170d3230 30323037 32333539 35395a30 81b5310b

 30090603 55040613 02555331 17301506 0355040a 130e5665 72695369 676e2c20

 496e632e 311f301d 06035504 0b131656 65726953 69676e20 54727573 74204e65

 74776f72 6b313b30 39060355 040b1332 5465726d 73206f66 20757365 20617420

 68747470 733a2f2f 7777772e 76657269 7369676e 2e636f6d 2f727061 20286329

 3130312f 302d0603 55040313 26566572 69536967 6e20436c 61737320 33205365

 63757265 20536572 76657220 4341202d 20473330 82012230 0d06092a 864886f7

 0d010101 05000382 010f0030 82010a02 82010100 b187841f c20c45f5 bcab2597

 a7ada23e 9cbaf6c1 39b88bca c2ac56c6 e5bb658e 444f4dce 6fed094a d4af4e10

 9c688b2e 957b899b 13cae234 34c1f35b f3497b62 83488174 d188786c 0253f9bc

 7f432657 5833833b 330a17b0 d04e9124 ad867d64 12dc744a 34a11d0a ea961d0b

 15fca34b 3bce6388 d0f82d0c 948610ca b69a3dca eb379c00 48358629 5078e845

 63cd1941 4ff595ec 7b98d4c4 71b350be 28b38fa0 b9539cf5 ca2c23a9 fd1406e8

 18b49ae8 3c6e81fd e4cd3536 b351d369 ec12ba56 6e6f9b57 c58b14e7 0ec79ced

 4a546ac9 4dc5bf11 b1ae1c67 81cb4455 33997f24 9b3f5345 7f861af3 3cfa6d7f

 81f5b84a d3f58537 1cb5a6d0 09e4187b 384efa0f 02030100 01a38201 df308201

 db303406 082b0601 05050701 01042830 26302406 082b0601 05050730 01861868

 7474703a 2f2f6f63 73702e76 65726973 69676e2e 636f6d30 12060355 1d130101

 ff040830 060101ff 02010030 70060355 1d200469 30673065 060b6086 480186f8

 45010717 03305630 2806082b 06010505 07020116 1c687474 70733a2f 2f777777

 2e766572 69736967 6e2e636f 6d2f6370 73302a06 082b0601 05050702 02301e1a

 1c687474 70733a2f 2f777777 2e766572 69736967 6e2e636f 6d2f7270 61303406

 03551d1f 042d302b 3029a027 a0258623 68747470 3a2f2f63 726c2e76 65726973

 69676e2e 636f6d2f 70636133 2d67352e 63726c30 0e060355 1d0f0101 ff040403

 02010630 6d06082b 06010505 07010c04 61305fa1 5da05b30 59305730 55160969

 6d616765 2f676966 3021301f 30070605 2b0e0302 1a04148f e5d31a86 ac8d8e6b

 c3cf806a d448182c 7b192e30 25162368 7474703a 2f2f6c6f 676f2e76 65726973

 69676e2e 636f6d2f 76736c6f 676f2e67 69663028 0603551d 11042130 1fa41d30

 1b311930 17060355 04031310 56657269 5369676e 4d504b49 2d322d36 301d0603

 551d0e04 1604140d 445c1653 44c1827e 1d20ab25 f40163d8 be79a530 1f060355

 1d230418 30168014 7fd365a7 c2ddecbb f03009f3 4339fa02 af333133 300d0609

 2a864886 f70d0101 05050003 82010100 0c8324ef ddc30cd9 589cfe36 b6eb8a80

 4bd1a3f7 9df3cc53 ef829ea3 a1e697c1 589d756c e01d1b4c fad1c12d 05c0ea6e

 b2227055 d9203340 3307c265 83fa8f43 379bea0e 9a6c70ee f69c803b d937f47a

 6decd018 7d494aca 99c71928 a2bed877 24f78526 866d8705 404167d1 273aeddc

 481d22cd 0b0b8bbc f4b17bfd b499a8e9 762ae11a 2d876e74 d388dd1e 22c6df16

 b62b8214 0a945cf2 50ecafce ff62370d ad65d306 4153ed02 14c8b558 28a1ace0

 5becb37f 954afb03 c8ad26db e6667812 4ad99f42 fbe198e6 42839b8f 8f6724e8

 6119b5dd cdb50b26 058ec36e c4c875b8 46cfe218 065ea9ae a8819a47 16de0c28

 6c2527b9 deb78458 c61f381e a4c4cb66

 quit

crypto ikev1 enable Outside

crypto ikev1 policy 20

 authentication rsa-sig

 encryption aes-256

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 30

 authentication pre-share

 encryption aes-256

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 50

 authentication rsa-sig

 encryption aes-192

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 60

 authentication pre-share

 encryption aes-192

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 80

 authentication rsa-sig

 encryption aes

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 90

 authentication pre-share

 encryption aes

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 110

 authentication rsa-sig

 encryption 3des

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 120

 authentication pre-share

 encryption 3des

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 140

 authentication rsa-sig

 encryption des

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 150

 authentication pre-share

 encryption des

 hash sha

 group 2

 lifetime 86400

telnet 0.0.0.0 0.0.0.0 mgmt

telnet timeout 15

ssh stricthostkeycheck

ssh 0.0.0.0 0.0.0.0 mgmt

ssh timeout 5

ssh version 2

ssh key-exchange group dh-group1-sha1

console timeout 0

threat-detection basic-threat

threat-detection statistics access-list

no threat-detection statistics tcp-intercept

group-policy GP-VPN-ACORP-ACORP-BRANCH internal

group-policy GP-VPN-ACORP-ACORP-BRANCH attributes

 vpn-tunnel-protocol ikev1

dynamic-access-policy-record DfltAccessPolicy

username cisco password 3USUcOPFUiMCO4Jk encrypted privilege 15

tunnel-group 203.0.113.10 type ipsec-l2l

tunnel-group 203.0.113.10 general-attributes

 default-group-policy GP-VPN-ACORP-ACORP-BRANCH

tunnel-group 203.0.113.10 ipsec-attributes

 ikev1 pre-shared-key \*\*\*\*\*

 isakmp keepalive disable

!

class-map inspection\_default

 match default-inspection-traffic

!

!

policy-map type inspect dns migrated\_dns\_map\_2

 parameters

 message-length maximum client auto

 message-length maximum 512

 no tcp-inspection

policy-map global\_policy

 class inspection\_default

 inspect ftp

 inspect h323 h225

 inspect h323 ras

 inspect ip-options

 inspect netbios

 inspect rsh

 inspect rtsp

 inspect skinny

 inspect esmtp

 inspect sqlnet

 inspect sunrpc

 inspect tftp

 inspect sip

 inspect xdmcp

 inspect dns migrated\_dns\_map\_2

policy-map type inspect dns migrated\_dns\_map\_3

 parameters

 message-length maximum client auto

 message-length maximum 512

 no tcp-inspection

policy-map type inspect dns migrated\_dns\_map\_1

 parameters

 message-length maximum client auto

 message-length maximum 512

 no tcp-inspection

!

service-policy global\_policy global

prompt hostname context

no call-home reporting anonymous

call-home

 profile CiscoTAC-1

 no active

 destination address http https://tools.cisco.com/its/service/oddce/services/DDCEService

 destination address email callhome@cisco.com

 profile License

 destination address http https://tools.cisco.com/its/service/oddce/services/DDCEService

 destination transport-method http

Cryptochecksum:cd7a26bbb85351e55017a2e0710c61b0

: end

Acme Branch Office Firewall Configuration:

: Saved

:

: Serial Number: 9ACD3LCAP5V

: Hardware: ASAv, 2048 MB RAM, CPU Pentium II 3600 MHz

:

ASA Version 9.6(2)

!

hostname ASA-2

enable password 2KFQnbNIdI.2KYOU encrypted

xlate per-session deny tcp any4 any4

xlate per-session deny tcp any4 any6

xlate per-session deny tcp any6 any4

xlate per-session deny tcp any6 any6

xlate per-session deny udp any4 any4 eq domain

xlate per-session deny udp any4 any6 eq domain

xlate per-session deny udp any6 any4 eq domain

xlate per-session deny udp any6 any6 eq domain

passwd 2KFQnbNIdI.2KYOU encrypted

names

!

interface GigabitEthernet0/0

 description to SW-2

 duplex full

 no nameif

 no security-level

 no ip address

!

interface GigabitEthernet0/0.5

 vlan 5

 nameif Inside

 security-level 100

 ip address 10.1.2.1 255.255.255.0

!

interface GigabitEthernet0/0.10

 vlan 10

 nameif Inside-2

 security-level 50

 ip address 10.1.3.1 255.255.255.0

!

interface GigabitEthernet0/1

 description to Internet-2

 duplex full

 nameif Outside

 security-level 0

 ip address 203.0.113.10 255.255.255.128

!

interface Management0/0

 description OOB Management

 duplex full

 management-only

 nameif mgmt

 security-level 100

 ip address 172.16.1.168 255.255.255.0

!

ftp mode passive

same-security-traffic permit inter-interface

object network ACME-BRANCH-NET-1

 subnet 10.1.2.0 255.255.255.0

object network ACME-BRANCH-NET-2

 subnet 10.1.3.0 255.255.255.0

object network VPN-REMOTE-ACME

 subnet 10.1.1.0 255.255.255.0

object-group network VPN-LOCAL-ACME-BRANCH

 network-object object ACME-BRANCH-NET-1

 network-object object ACME-BRANCH-NET-2

object-group network VPN-REMOTE-ACORP

 network-object object VPN-REMOTE-ACME

access-list ACL-VPN-ACORP-BRANCH-ACORP extended permit ip object-group VPN-LOCAL-ACME-BRANCH object-group VPN-REMOTE-ACORP

pager lines 23

logging enable

logging asdm informational

mtu Inside 1500

mtu Inside-2 1500

mtu Outside 1500

mtu mgmt 1500

no failover

no monitor-interface service-module

icmp unreachable rate-limit 1 burst-size 1

no asdm history enable

arp timeout 14400

no arp permit-nonconnected

arp rate-limit 8192

nat (Inside,Outside) source static ACME-BRANCH-NET-1 ACME-BRANCH-NET-1 destination static VPN-REMOTE-ACORP VPN-REMOTE-ACORP no-proxy-arp

nat (Outside,Inside) source static VPN-REMOTE-ACORP VPN-REMOTE-ACORP destination static ACME-BRANCH-NET-1 ACME-BRANCH-NET-1 no-proxy-arp

nat (Outside,Inside-2) source static VPN-REMOTE-ACORP VPN-REMOTE-ACORP destination static ACME-BRANCH-NET-2 ACME-BRANCH-NET-2 no-proxy-arp

nat (Inside-2,Outside) source static ACME-BRANCH-NET-2 ACME-BRANCH-NET-2 destination static VPN-REMOTE-ACORP VPN-REMOTE-ACORP no-proxy-arp

nat (Inside,Outside) source dynamic ACME-BRANCH-NET-1 interface

route Outside 0.0.0.0 0.0.0.0 203.0.113.1 1

timeout xlate 3:00:00

timeout pat-xlate 0:00:30

timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 sctp 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 sip-provisional-media 0:02:00 uauth 0:05:00 absolute

timeout tcp-proxy-reassembly 0:01:00

timeout floating-conn 0:00:00

timeout conn-holddown 0:00:15

user-identity default-domain LOCAL

aaa authentication ssh console LOCAL

http server enable

http 0.0.0.0 0.0.0.0 mgmt

no snmp-server location

no snmp-server contact

crypto ipsec ikev1 transform-set ESP-AES-128-SHA esp-aes esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-AES-128-MD5 esp-aes esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-AES-192-SHA esp-aes-192 esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-AES-192-MD5 esp-aes-192 esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-AES-256-SHA esp-aes-256 esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-AES-256-MD5 esp-aes-256 esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-AES-128-SHA-TRANS esp-aes esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-AES-128-SHA-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-AES-128-MD5-TRANS esp-aes esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-AES-128-MD5-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-AES-192-SHA-TRANS esp-aes-192 esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-AES-192-SHA-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-AES-192-MD5-TRANS esp-aes-192 esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-AES-192-MD5-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-AES-256-SHA-TRANS esp-aes-256 esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-AES-256-SHA-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-AES-256-MD5-TRANS esp-aes-256 esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-AES-256-MD5-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-3DES-SHA esp-3des esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-3DES-MD5 esp-3des esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-3DES-SHA-TRANS esp-3des esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-3DES-SHA-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-3DES-MD5-TRANS esp-3des esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-3DES-MD5-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-DES-SHA esp-des esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-DES-MD5 esp-des esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-DES-SHA-TRANS esp-des esp-sha-hmac

crypto ipsec ikev1 transform-set ESP-DES-SHA-TRANS mode transport

crypto ipsec ikev1 transform-set ESP-DES-MD5-TRANS esp-des esp-md5-hmac

crypto ipsec ikev1 transform-set ESP-DES-MD5-TRANS mode transport

crypto ipsec ikev2 ipsec-proposal AES256

 protocol esp encryption aes-256

 protocol esp integrity sha-1 md5

crypto ipsec ikev2 ipsec-proposal AES192

 protocol esp encryption aes-192

 protocol esp integrity sha-1 md5

crypto ipsec ikev2 ipsec-proposal AES

 protocol esp encryption aes

 protocol esp integrity sha-1 md5

crypto ipsec ikev2 ipsec-proposal 3DES

 protocol esp encryption 3des

 protocol esp integrity sha-1 md5

crypto ipsec ikev2 ipsec-proposal DES

 protocol esp encryption des

 protocol esp integrity sha-1 md5

crypto ipsec security-association pmtu-aging infinite

crypto map CM-ACORP-BRANCH-ACORP 1 match address ACL-VPN-ACORP-BRANCH-ACORP

crypto map CM-ACORP-BRANCH-ACORP 1 set peer 192.0.2.10

crypto map CM-ACORP-BRANCH-ACORP 1 set ikev1 transform-set ESP-AES-128-SHA

crypto map CM-ACORP-BRANCH-ACORP interface Outside

crypto ca trustpoint \_SmartCallHome\_ServerCA

 no validation-usage

 crl configure

crypto ca trustpool policy

 auto-import

crypto ca certificate chain \_SmartCallHome\_ServerCA

 certificate ca 6ecc7aa5a7032009b8cebcf4e952d491

 308205ec 308204d4 a0030201 0202106e cc7aa5a7 032009b8 cebcf4e9 52d49130

 0d06092a 864886f7 0d010105 05003081 ca310b30 09060355 04061302 55533117

 30150603 55040a13 0e566572 69536967 6e2c2049 6e632e31 1f301d06 0355040b

 13165665 72695369 676e2054 72757374 204e6574 776f726b 313a3038 06035504

 0b133128 63292032 30303620 56657269 5369676e 2c20496e 632e202d 20466f72

 20617574 686f7269 7a656420 75736520 6f6e6c79 31453043 06035504 03133c56

 65726953 69676e20 436c6173 73203320 5075626c 69632050 72696d61 72792043

 65727469 66696361 74696f6e 20417574 686f7269 7479202d 20473530 1e170d31

 30303230 38303030 3030305a 170d3230 30323037 32333539 35395a30 81b5310b

 30090603 55040613 02555331 17301506 0355040a 130e5665 72695369 676e2c20

 496e632e 311f301d 06035504 0b131656 65726953 69676e20 54727573 74204e65

 74776f72 6b313b30 39060355 040b1332 5465726d 73206f66 20757365 20617420

 68747470 733a2f2f 7777772e 76657269 7369676e 2e636f6d 2f727061 20286329

 3130312f 302d0603 55040313 26566572 69536967 6e20436c 61737320 33205365

 63757265 20536572 76657220 4341202d 20473330 82012230 0d06092a 864886f7

 0d010101 05000382 010f0030 82010a02 82010100 b187841f c20c45f5 bcab2597

 a7ada23e 9cbaf6c1 39b88bca c2ac56c6 e5bb658e 444f4dce 6fed094a d4af4e10

 9c688b2e 957b899b 13cae234 34c1f35b f3497b62 83488174 d188786c 0253f9bc

 7f432657 5833833b 330a17b0 d04e9124 ad867d64 12dc744a 34a11d0a ea961d0b

 15fca34b 3bce6388 d0f82d0c 948610ca b69a3dca eb379c00 48358629 5078e845

 63cd1941 4ff595ec 7b98d4c4 71b350be 28b38fa0 b9539cf5 ca2c23a9 fd1406e8

 18b49ae8 3c6e81fd e4cd3536 b351d369 ec12ba56 6e6f9b57 c58b14e7 0ec79ced

 4a546ac9 4dc5bf11 b1ae1c67 81cb4455 33997f24 9b3f5345 7f861af3 3cfa6d7f

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 db303406 082b0601 05050701 01042830 26302406 082b0601 05050730 01861868

 7474703a 2f2f6f63 73702e76 65726973 69676e2e 636f6d30 12060355 1d130101

 ff040830 060101ff 02010030 70060355 1d200469 30673065 060b6086 480186f8

 45010717 03305630 2806082b 06010505 07020116 1c687474 70733a2f 2f777777

 2e766572 69736967 6e2e636f 6d2f6370 73302a06 082b0601 05050702 02301e1a

 1c687474 70733a2f 2f777777 2e766572 69736967 6e2e636f 6d2f7270 61303406

 03551d1f 042d302b 3029a027 a0258623 68747470 3a2f2f63 726c2e76 65726973

 69676e2e 636f6d2f 70636133 2d67352e 63726c30 0e060355 1d0f0101 ff040403

 02010630 6d06082b 06010505 07010c04 61305fa1 5da05b30 59305730 55160969

 6d616765 2f676966 3021301f 30070605 2b0e0302 1a04148f e5d31a86 ac8d8e6b

 c3cf806a d448182c 7b192e30 25162368 7474703a 2f2f6c6f 676f2e76 65726973

 69676e2e 636f6d2f 76736c6f 676f2e67 69663028 0603551d 11042130 1fa41d30

 1b311930 17060355 04031310 56657269 5369676e 4d504b49 2d322d36 301d0603

 551d0e04 1604140d 445c1653 44c1827e 1d20ab25 f40163d8 be79a530 1f060355

 1d230418 30168014 7fd365a7 c2ddecbb f03009f3 4339fa02 af333133 300d0609

 2a864886 f70d0101 05050003 82010100 0c8324ef ddc30cd9 589cfe36 b6eb8a80

 4bd1a3f7 9df3cc53 ef829ea3 a1e697c1 589d756c e01d1b4c fad1c12d 05c0ea6e

 b2227055 d9203340 3307c265 83fa8f43 379bea0e 9a6c70ee f69c803b d937f47a

 6decd018 7d494aca 99c71928 a2bed877 24f78526 866d8705 404167d1 273aeddc

 481d22cd 0b0b8bbc f4b17bfd b499a8e9 762ae11a 2d876e74 d388dd1e 22c6df16

 b62b8214 0a945cf2 50ecafce ff62370d ad65d306 4153ed02 14c8b558 28a1ace0

 5becb37f 954afb03 c8ad26db e6667812 4ad99f42 fbe198e6 42839b8f 8f6724e8

 6119b5dd cdb50b26 058ec36e c4c875b8 46cfe218 065ea9ae a8819a47 16de0c28

 6c2527b9 deb78458 c61f381e a4c4cb66

 quit

crypto ikev2 policy 1

 encryption aes-256

 integrity sha

 group 5 2

 prf sha

 lifetime seconds 86400

crypto ikev2 policy 10

 encryption aes-192

 integrity sha

 group 5 2

 prf sha

 lifetime seconds 86400

crypto ikev2 policy 20

 encryption aes

 integrity sha

 group 5 2

 prf sha

 lifetime seconds 86400

crypto ikev2 policy 30

 encryption 3des

 integrity sha

 group 5 2

 prf sha

 lifetime seconds 86400

crypto ikev2 policy 40

 encryption des

 integrity sha

 group 5 2

 prf sha

 lifetime seconds 86400

crypto ikev1 enable Outside

crypto ikev1 policy 20

 authentication rsa-sig

 encryption aes-256

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 30

 authentication pre-share

 encryption aes-256

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 50

 authentication rsa-sig

 encryption aes-192

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 60

 authentication pre-share

 encryption aes-192

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 80

 authentication rsa-sig

 encryption aes

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 90

 authentication pre-share

 encryption aes

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 110

 authentication rsa-sig

 encryption 3des

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 120

 authentication pre-share

 encryption 3des

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 140

 authentication rsa-sig

 encryption des

 hash sha

 group 2

 lifetime 86400

crypto ikev1 policy 150

 authentication pre-share

 encryption des

 hash sha

 group 2

 lifetime 86400

telnet 0.0.0.0 0.0.0.0 mgmt

telnet timeout 15

ssh stricthostkeycheck

ssh 0.0.0.0 0.0.0.0 mgmt

ssh timeout 5

ssh version 2

ssh key-exchange group dh-group1-sha1

console timeout 0

dhcprelay server 10.1.1.20 Outside

dhcprelay enable Inside

dhcprelay enable Inside-2

dhcprelay timeout 60

threat-detection basic-threat

threat-detection statistics access-list

no threat-detection statistics tcp-intercept

group-policy GP-VPN-ACORP-BRANCH-ACORP internal

group-policy GP-VPN-ACORP-BRANCH-ACORP attributes

 vpn-tunnel-protocol ikev1

dynamic-access-policy-record DfltAccessPolicy

username cisco password 3USUcOPFUiMCO4Jk encrypted privilege 15

tunnel-group 192.0.2.10 type ipsec-l2l

tunnel-group 192.0.2.10 general-attributes

 default-group-policy GP-VPN-ACORP-BRANCH-ACORP

tunnel-group 192.0.2.10 ipsec-attributes

 ikev1 pre-shared-key \*\*\*\*\*

 isakmp keepalive disable

!

class-map inspection\_default

 match default-inspection-traffic

!

!

policy-map type inspect dns migrated\_dns\_map\_1

 parameters

 message-length maximum client auto

 message-length maximum 512

 no tcp-inspection

policy-map global\_policy

 class inspection\_default

 inspect dns migrated\_dns\_map\_1

 inspect ftp

 inspect h323 h225

 inspect h323 ras

 inspect ip-options

 inspect netbios

 inspect rsh

 inspect rtsp

 inspect skinny

 inspect esmtp

 inspect sqlnet

 inspect sunrpc

 inspect tftp

 inspect sip

 inspect xdmcp

!

service-policy global\_policy global

prompt hostname context

no call-home reporting anonymous

call-home

 profile CiscoTAC-1

 no active

 destination address http https://tools.cisco.com/its/service/oddce/services/DDCEService

 destination address email callhome@cisco.com

 profile License

 destination address http https://tools.cisco.com/its/service/oddce/services/DDCEService

 destination transport-method http

Cryptochecksum:0f8776b89e5ef5d707e44297a5ef8204

: end