AnyConnect Web Security Deployment via ASA

Inhoud

Inleiding Voorwaarden Vereisten Gebruikte componenten Achtergrondinformatie Configureren AnyConnect WebSecurity-toepassing door ASA Verifiëren Versie AnyConnect voor upgrade/downloads Problemen oplossen

Inleiding

Dit document beschrijft de implementatie van AnyConnect Web security module voor clientgebaseerde VPN die eindigt op Cisco Adaptieve security applicaties (ASA).

Voorwaarden

Vereisten

Er zijn geen specifieke vereisten van toepassing op dit document.

Gebruikte componenten

Dit document is niet beperkt tot specifieke software- en hardware-versies.

De informatie in dit document is gebaseerd op de apparaten in een specifieke laboratoriumomgeving. Alle apparaten die in dit document worden beschreven, hadden een opgeschoonde (standaard)configuratie. Als uw netwerk live is, moet u de potentiële impact van elke opdracht begrijpen.

Achtergrondinformatie

• Upload het AnyConnect-beeld (aanbevolen v4.1+) op ASA



Schakel het VPN-profiel op ASA in zoals in de afbeelding

File View Tools Wizards Window Hel	р					Type topic to search	Go	
Home 🖓 Configuration 🔯 Monitoring	Save	e 🕢 Refresh 🕻	Back 🕥 Forward	2 Help				cisco
Remote Access VPN	a 4	Configuration > I	Remote Access VPN >	• Network (Client) A	ccess > AnyConnec	t Connection Profiles		
Introduction Network (Client) Access AnyConnect Connection Profiles AnyConnect Client Software AnyConnect Client Software Oroup Policies Secure Mobility Solution Address Assignment Address Assignment Address Assignment VOI Access Clienties SSL VPN Access Clienties SSL VPN Access Connection Profiles VOI Access Portal VOI Access Policies Advanced Connect Connections Proxy Bypass Proxies Java Code Signer Content Cache Application Helper		The security appl end-user adminis Security (DTLS) to Access Interfaces Interface outside inside Interface outside inside Interface outside inside Interface outside inside Interface outside inside Interface outside inside Interface outside inside Interface outside inside	iance automatically depic trative rights. The Cisco unneling options. AnyConnect VPN Client a be enabled if you allow A SSL Access Allow Access Composed of the composition group policy and user po select connection profile rtal login page. It login page. Find: Find: Find:	vys the Cisco AnyConn AnyConnect VPN Client AnyConnect VPN Client cccess on the interface: myConnect client to be Enable DTLS Enable DTLS Ind VPN sessions licy always apply to the on the login page.	ect VPN Client to remot supports IPsec (IKEv2 s selected in the table t launched from a brows IPsec (IKEv2) Acce Allow Access allow Access e traffic.	e users upon connection. The initia) tunnel as well as SSL tunnel with pelow ser (Web Launch) . ess Enable Client Services Enable Client Services eters. You can configure the mappi re	I dient deploymen Datagram Transpo Device Ce Port Se	rtficate ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings ttings tting ttings ttings ttings
🛐 Firewall		Name	SSL Enabled	IPsec Enabled	Aliases	Authentication Method	Group Poli	cy
Remote Access VPN		DefaultRAGroup	<	✓		AAA(LOCAL)	DfltGrpPoli	y
Site-to-Site VPN		DefaultWEBVP	✓	✓		AAA(LOCAL)	DfitGrpPoli	<u>у</u>
Device Management		<			Ш			>
	»				Apply Res	et		

Configureren

AnyConnect WebSecurity-toepassing door ASA

De bij de configuratie betrokken stappen zijn:

- Profiel van websecurity configureren
- Bewerken van VPN-groepsbeleid
- Stel een gesplitste uitsluiting in voor webbeveiliging en selecteer de module voor webbeveiliging downloaden
- Bewerk AnyConnect VPN-groepsbeleid en selecteer het profiel van de webbeveiligingsclient

Stap 1. Het clientprofiel voor AnyConnect WebSecurity configureren

Navigeren in **configuratie** > Toegang > **VPN verwijderen (client) toegang** > Clientprofiel **verbinden** klik op

Opmerking: De Profile Name is hard-coded aan de client kant, dus ongeacht de naam ingesteld, duwt de ASA altijd **Websecurity_service profile.wso** naar de client.

Opmerking: Dit is een standaardprofiel zonder de authenticatie licentiesleutel.

File View Tools Wizards Window Help			Туре
Home 🍓 Configuration 🔯 Monitoring 🔲 Sav	e 🔇 Refresh 🔇 Back 🔘) Forward 🧳 Help	
Remote Access VPN 🗗 🖗	Configuration > Remote Ac	ccess VPN > Network (Client) Access > AnyConnect Client	Profile
Introduction Network (Client) Access AnyConnect Connection Profiles AnyConnect Customization/Localization AnyConnect Client Profile AnyConnect Client Software Dynamic Access Policies Group Policies IPsec(IKEv 1) Connection Profiles	This panel is used to manage , 'Add' button to add a new pro The profile Usage field is intro	AnyConnect Client Profiles and perform group assignment for Any offile. Pressing the Import or Export button is for upload and downl duced with the Secure Mobility Solution. This field contains difference ge Group Policy Delete March Import Control Co	Connect version 2.5 or later. You can select a profile to ad of client profiles between local machine and device. In profile usage in AnyConnect version 3.0 and later.
Secure Mobility Solution	Profile Name	Profile Usage	Group Policy
Address Assignment	Profile Name Profile Usage Enter a device automatically Profile Locatio	Add AnyConnect Client Profile demo Web Security Service Profile e file path for an xml file, ie. disk0:/ac_profile. The file will be created if it does not exist. on disk0:/demo.wsp	 Browse Flash Upload
Device Setup Firewall Remote Access VPN	Group Policy	 <unassigned></unassigned> Enable 'Always On VPN' for selected group 	▼
Site-to-Site VPN		OK Cancel Help	

Stap 2. Bewerk het nieuwe profiel om de authenticatiecode toe te voegen en pas de configuratie aan.

File Many Tarda Manuda M	E	AnvC	Connect Client Profil	e Editor - demo					×	
File View Tools Wizards W		,, .								
Home 🔅 Configuration	Profile: demo								About	
Remote Access VPN	Web Security Scanning Proxy Exceptions	Scanning Proxy								
AnyConnect Connection P AnyConnect Customization AnyConnect Client Profile	Authentication	Scanning Proxy list is currently up-	Scanning Proxy list is currently up-to-date.							
AnyConnect Client Softwa		Scanning Proxy	Host Name	Plain Port S	SSL Port	Display/Hide		Display		
Group Policies			108.171.128.156	8080 4	43	Display	_ ^ _	Hide		
IPsec(IKEv1) Connection F		France	108.1/1.129.156	8080 4	43	Display			_	
		Denmark	80.254.154.66	8080 4	43	Display	- L	Display All		
🕀 🦣 Address Assignment		Switzerland	80.254.155.66	8080 4	43	Display				
Advanced		South Africa	196.26.220.66	8080 4	43	Display	~			
AAA/Local Users		<					>			
Host Scan Image										
E 🔒 Secure Desktop Manager		Default Scanning Proxy								
Certificate Management		India	v							
PHCP Server		Traffic Listen Port								
DNS DNS		Ad	d							
⊞ 📆 Advanced		80	te							
		8080	ice -							
		3128								
A		443								
Device Setup										
Erewall										
i i cwai										
Remote Access VPN										
Site-to-Site VPN										
Device Management		<		III					>	
			01/ 0	11-h						
Device configuration loaded successfu			OK Cancel	пер						
-										
u File View Tools Wizards W	E	AnyC	Connect Client Profil	e Editor - demo					x	
File View Tools Wizards W		AnyC	Connect Client Profil	e Editor - demo					×	
File View Tools Wizards W	Profile: demo	AnyC	Connect Client Profil	e Editor - demo					About	
ile View Tools Wizards W	Profile: demo	Authentication	Connect Client Profil	e Editor - demo					About	
ile View Tools Wizards W Home Sconfiguration temote Access VPN 2 Introduction	Profile: demo Web Security Security Security Security	AnyC Authentication	Connect Client Profil	e Editor - demo					About	
ile View Tools Wizards W Home Sconfiguration temote Access VPN Introduction Network (Client) Access	Profile: demo Web Security Scanning Proxy Exceptions Preferences	AnyC	Connect Client Profil	e Editor - demo					About	
ile View Tools Wizards W ile View Tools Wizards W ile View Configuration ill configu	Profile: demo Web Security Scanning Proxy Exceptions Preferences Kauthentication	AnyC Authentication	Connect Client Profil	e Editor - demo	15698		**		About	
ile View Tools Wizards W Home Configuration Remote Access VPN Introduction Network (Client) Access AnyConnect Connection P May Connect Customization AnyConnect Customization	Profile: demo Web Security Scanning Proxy Exceptions Proferences Authentication Advanced	AnyC Authentication Proxy Authentication License Key	Connect Client Profil	e Editor - demo 6FF779CB758B69F84A	45688		**		About	
ile View Tools Wizards W Home Configuration Remote Access VPN Introduction Network (Clent) Access AnyConnect Connection P AnyConnect Clent Profile AnyConnect Clent Softwa	Profile: demo Web Security Scanning Proxy Exceptions Preferences Advanced	Authentication Proxy Authentication License Key Service Password	F90A686F69 websecurity	e Editor - demo 6FF779CB758B69F84A	15688		**		About	
ile View Tools Wizards W Home Configuration Remote Access VPN Particle Access VPN Network (Clent) Access AnyConnect Connection P AnyConnect Clent Profile AnyConnect Clent Profile AnyConnect Clent Softwa AnyConnect Clent Softwa Dynamic Access Policies	Profile: demo Web Security Scanning Proxy Exceptions Preferences Advanced	Authentication Proxy Authentication License Key Service Password	F90A686F69 websecurity	e Editor - demo 6FF779CB758B69F84A	15688		**		About	
ile View Tools Wizards W Home Configuration Remote Access VPN Introduction Network (Clent) Access AnyConnect Connection P AnyConnect Clent Profile AnyConnect Clent Profile AnyConnect Clent Profile AnyConnect Clent Softwa AnyConnect Clent Softwa AnyConnect Clent Softwa AnyConnect Clent Softwa AnyConnect Clent Softwa AnyConnect Clent Softwa	Profile: demo Web Security Scanning Proxy Exceptions Preferences Authentication Advanced	AnyC Authentication Proxy Authentication License Key Service Password	P90A686F69 websecurity	e Editor - demo 6FF779CB758B69F84A Use Group Induc	A5688		**		About	
ile View Tools Wizards W ile View Tools Wizards W ile Configuration Remote Access VPN Introduction AnyConnect Connection P AnyConnect Clent Profile AnyConnect Clent Profile AnyConnect Clent Profile AnyConnect Clent Profile Coup Policies IPsec(IKEV1) Connection F	Profile: demo Web Security Scanning Proxy Exceptions Preferences Calculation Advanced	AnyC Authentication Proxy Authentication License Key Service Password	F90A686F69 websecurity	e Editor - demo 6FF779CB758B69F84A Use Group Induc	A5688 de List		**		About	
ile View Tools Wizards W ile View Tools Wizards W Configuration Remote Access VPN AnyConnect Connection P AnyConnect Clent Profile AnyConnect Clent Profile AnyConnect Clent Profile Dynamic Access Policies PSC(IKEV1) Connection P Secure Mobility Solution PSC Secure Mobility Solution	Profile: demo Web Security Web Security Security Exceptions Preferences Authentication Advanced	AnyC Authentication Proxy Authentication License Key Service Password	F90A686F69 websecurity	e Editor - demo 6FF779CB758B69F84A Use Group Induc	A5688 de List	v	** Add		About	
ile View Tools Wizards W Home Configuration Home Configuration Configura	Profile: demo Web Security Scanning Proxy Exceptions Preferences Advanced	AnyC Authentication Proxy Authentication License Key Service Password Enable Enterprise Domains All Domains	F90A686F69 websecurity	e Editor - demo 6FF779CB758869F84A Use Group Induc	A5688 de List		** Add		About	
ile View Tools Wizards W Home Configuration Remote Access VPN Introduction AnyConnect Connection P AnyConnect Clent Profile AnyConnect Clent Softwa Dynamic Access Policies Group Policies Group Policies Group Policies May Connect Clent Softwa Dynamic Access Policies Group Policies May Advasced Advasced	Profile: demo Web Security Scanning Proxy Exceptions Proferences Advanced	Authentication Proxy Authentication License Key Service Password Enable Enterprise Domains	F90A686F69 websecurity	e Editor - demo 6FF779CB758B69F84A Use Group Induc	A5688 de List		** Add Delete		About	
ile View Tools Wizards W Home Configuration Remote Access VPN Introduction AnyConnect Connection P AnyConnect Client Profile AnyConnect Client Profile MaryConnect Client Softwa Dynamic Access Policies Group Policies Psec(IKEv 1) Connection P Secure Mobility Solution Bary Advaced Clientless SSL VPN Access AAAALocal Users	Profile: demo Web Security Scanning Proxy Exceptions Preferences Advanced	Authentication Proxy Authentication License Key Service Password Enable Enterprise Domains All Domains	F90A686F69 websecurity	e Editor - demo	de List		** Add Delete		About	
ile View Tools Wizards W Home Configuration Remote Access VPN Remote Access VPN AnyConnect Connection P AnyConnect Clent Profile AnyConnect Clent Profile AnyConnect Clent Profile Group Policies IPsec(IVEV) Connection F Secure Mobility Solution Bardress Assignment Galvanced AnALocal Users AAALocal Users AnaLocal Users AnaLocal Users AnaLocal Users AnaLocal Users	Profile: demo Web Security Scanning Proxy Exceptions Preferences Advanced	AnyC Authentication Proxy Authentication License Key Service Password All Domains	F90A686F69 websecurity	e Editor - demo	de List		** Add Delete		About	
ile View Tools Wizards W Home Configuration Remote Access VPN Introduction AnyConnect Connection P AnyConnect Clent Profile AnyConnect Clent Profile AnyConnect Clent Profile Group Policies Frank Connect Clent Softwa Dynamic Access Policies Group Policies Direct(VEV) Connection F Secure Mobility Solution Address Assignment Galdress Assignment Address SSL VPN Access AAALocal Users AnALocal Users AnaLocal Users Secure Desktop Manager	Profile: demo Web Security Scanning Proxy Exceptions Preferences Advanced	AnyC Authentication Proxy Authentication License Key Service Password Enable Enterprise Domains All Domains	P90A686F69 websecurity	e Editor - demo	45688 de List		** Add Delete		About	
ile View Tools Wizards W Home Configuration Home Configuration Introduction Network (Clent) Access AnyConnect Connection P AnyConnect Clent Profile AnyConnect Clent Profile AnyConnect Clent Profile Group Policies Group Policies Dynamic Access Policies Group Policies Dynamic Access Policies Group Policies Coup Policies Dynamic Access Policies Group Policies Dynamic Access Policies Coup Policies Dynamic Access Policies Coup Policies Coup Policies Coup Policies Coup Policies Coup Policies Dynamic Access Policies Coup Policies Coup Policies Coup Policies Secure Mobility Solution Address Assignment Address SL VPN Access Address Can Image Coertificate Management Coertificate Management Coertificate Management Coertificate Management	Profile: demo Web Security Scanning Proxy Exceptions Preferences Advanced	Authentication Proxy Authentication License Key Service Password Enable Enterprise Domains All Domains	F90A686F69 websecurity	e Editor - demo	A5688		== Add Delete		About	
ile View Tools Wizards W Home Configuration Remote Access VPN Introduction Network (Client) Access AnyConnect Contention P AnyConnect Customization AnyConnect Client Softwa AnyConnect Client Softwa Dynamic Access Policies Group Policies Secure Mobility Solution Advanced Clientless SSL VPN Access Advanced Clientless SSL VPN Access Clientless SSL VPN Access Advanced Clientless SSL VPN Access Advanced Clientless SSL VPN Access Advanc	Profile: demo Web Security Scanning Proxy Exceptions Preferences Advanced	Authentication Proxy Authentication License Key Service Password Enable Enterprise Domains All Domains	F90A686F69 websecurity	e Editor - demo	A5688 de List		** Add Delete		About	
ile View Tools Wizards W Home Configuration Exempted Access VPN Introduction AnyConnect Connection P AnyConnect Customization AnyConnect Clent Profile AnyConnect Clent Profile AnyConnect Clent Softwa Dynamic Access Policies Group Policies Dynamic Access Policies Context Softwa Advanced Chentess SSL VPN Access Advanced Clentess SSL VPN Access Advanced Clenters SSL VPN Access Clenters SSL VPN Access Clenters SSL VPN Access Clenters SSL VPN Access Advanced Clenters SSL VPN Access	Profile: demo Web Security Scanning Proxy Exceptions Proferences Advanced	Authentication Proxy Authentication License Key Service Password Temperature Domains All Domains	F90A686F69 websecurity	e Editor - demo	A5688		** Add Delete		About	
ile View Tools Wizards W Home Configuration Emote Access VPN Introduction Metwork (Clent) Access AnyConnect Connection P AnyConnect Clent Profile AnyConnect Clent Profile AnyConnect Clent Softwa Dynamic Access Policies Group Policies Dynamic Access Policies Group Policies Dynamic Access Policies Connect Clent Softwa Dynamic Access Policies Connect Clent Softwa Dynamic Access Policies Connect Clent Softwa Advaced Clentiess SSL VPN Access AAA/Local Users AAA/Local Users AAA/Local Users Certificate Manager Certificate Manager Certificate Manager Certificate Manager Certificate Manager Certificate Manager Delcy Server DNS	Frederences	Authentication Proxy Authentication License Key Service Password Enable Enterprise Domains All Domains Communication Comm	F90A686F69 websecurity Add Delete	e Editor - demo	de List		** Add Delete		About	
ile View Tools Wizards W Home Configuration Remote Access VPN Introduction Network (Clent) Access AnyConnect Connection P AnyConnect Clent Profile AnyConnect Clent Profile Advanced Clentes SSL VPN Access AAA/Local Users AAA/Local Users AAA/Local Users AAA/Local Users AAA/Local Users AAA/Local Users AAA/Local Users AAA/Local Users AAA/Local Users AAA/Local Users Clentes SSL VPN Access AAA/Local Users AAA/Local Users Clentes SSL VPN Access AAA/Local Users AAA/Local Users AAA/Local Users AAA/Local Users AAA/Local Users AAA/Local Users AAA/Local Users AAA/Local Users AAA/Local Users Clentes SSL VPN Access AAA/Local Users AAA/Local Users	Profile: demo Web Security Scanning Proxy Exceptions Preferences Advanced	Authentication Proxy Authentication License Key Service Password	F90A686F69 websecurity Add Delete	e Editor - demo	A5688	· · · · · · · · · · · · · · · · · · ·	== Add Delete		About	
ile View Tools Wizards W Home Configuration Remote Access VPN Introduction AnyConnect Connection P AnyConnect Clent Profile AnyConnect Clent Profile AnyConnect Clent Profile Comp Policies IPsec(IVEV) Connection F Secure Mobility Solution Address Assignment Address Assignment Address SSL VPN Access AAA,Local Users AAA,Local Users AAA,Local Users AAA,Local Users AAA,Local Users Contincate Management Language Localization Load Balancing DhCP Server DKS Advanced	Profile: demo Web Security Scanning Proxy Exceptions Preferences Advanced	Authentication Proxy Authentication License Key Service Password Tenable Enterprise Domains All Domains Computer Name Computer Name	F90A686F69 websecurity	e Editor - demo	45688 de List		** Add Delete		About	
File View Tools Wizards W Tools Wizards W Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configu	Profile: demo Web Security Exceptions Proferences Advanced	Authentication	F90A686F69 websecurity	e Editor - demo	A5688		** Add Delete		About	
File View Tools Wizards W The Configuration	Profile: demo Web Security Scanning Proxy Exceptions Preferences Authentication Advanced	Authentication Proxy Authentication License Key Service Password Enable Enterprise Domains All Domains Computer Name Custom matching and reporting to Computer Name Custom Groups (optional)	F90A686F69 websecurity Add Delete for machines not joined to Add Add	e Editor - demo	A5688		** Add Delete		About	
File View Tools Wizards W File View Tools Wizards W Remote Access VPN Remote Access VPN Network (Client) Access AnyConnect Connection P AnyConnect Client Softwa AnyConnect Client Softwa Group Policies Filese(IKEVI) Connection F Secure Mobility Solution Filese(IKEVI) Connection F Address Assignment Address Assignment Address SSL VPN Access AAALocal Users AAALocal Users AAAALocal Users Certificate Management Language Localization Certificate Management Certificate Management DHCP Server DHCP Server DNS Advanced	Profile: demo Web Security Scanning Proxy Exceptions Proferences Advanced	Authentication Proxy Authentication License Key Service Password Tenable Enterprise Domains All Domains Custom matching and reporting to Computer Name Custom Groups (optional)	F90A686F69 websecurity	e Editor - demo	A5688		** Add Delete		About	
File View Tools Wizards W File View Tools Wizards W Configuration Remote Access VPN Network (Clent) Access AnyConnect Connection P AnyConnect Clent Police AnyConnect Clent Police AnyConnect Clent Softwa AnyConnect Clent Softwa Group Policies Group Policies Group Policies Secure Mobility Solution AnyConnect Clent Softwa AnyConnect Clent Softwa AnyConnect Clent Softwa AnyConnect Clent Softwa AnyConnect Clent Softwa AnyConnect Clent Softwa Conce Clent Softwa Address Assignment AAA/Local Users AAA/Local Users AAAA/Local Users Certificate Management Cartificate Management Cartificate Management Cartificate Management Conce Desktop Manager Advanced Advanced	Profile: demo Web Security Scanning Proxy Exceptions Authentication Advanced	Authentication Proxy Authentication License Key Service Password Enable Enterprise Domains All Domains Custom matching and reporting to Computer Name Custom Groups (optional)	F90A686F69 websecurity	e Editor - demo	A5688		** Add Delete		About	
File View Tools Wizards W File View Tools Wizards W File View Cools Configuration File Configuration File AnyConnect Contection P File AnyConnect Connection P File AnyConnect Client Software File AnyConnect Client Software File Client Softw	Profile: demo Web Security Scarning Proxy Exceptions Preferences Advanced	Authentication Proxy Authentication License Key Service Password Enable Enterprise Domains All Domains	F90A686F69 websecurity	e Editor - demo	A5688		== Add Delete		About	
File View Tools Wizards W File View Tools Wizards W File View Tools Wizards W Configuration File Configuration File AnyConnect Connection P File AnyConnect Connection P File AnyConnect Clent Profile File AnyConnect Clent Profile File Clent P	Profile: demo Web Security Scanning Proxy Exceptions Preferences Advanced	Authentication Proxy Authentication License Key Service Password Tenable Enterprise Domains All Domains Computer Name Custom matching and reporting Computer Name Custom Groups (optional)	F90A686F69 websecurity	e Editor - demo	45688 de List		** Add Delete		About	
File View Tools Wizards W File View Tools Wizards W File View Tools Wizards W Configuration Configuration File View Configurat	Profile: demo Web Security Exceptions Preferences Advanced	Authentication Proxy Authentication License Key Service Password Tensbe Enterprise Domains All Domains Custom matching and reporting to Computer Name Custom Groups (optional)	F90A686F69 websecurity	e Editor - demo	A5688		** Add Delete		About	
File View Tools Wizards W File View Tools Wizards W File View Tools Wizards W File View Configuration File AnyConnect Construction P AnyConnect Clent Softwa AnyConnect Clent Softwa AnyConnect Clent Softwa AnyConnect Clent Softwa File AnyConnect Clent Softwa File AnyConnect Clent Softwa AnyConnet Clent Softwa Any	Profile: demo Web Security Scanning Proxy Preferences Advanced	Authentication Proxy Authentication License Key Service Password Tenable Enterprise Domains All Domains Custom matching and reporting to computer Name Custom Groups (optional) Custom Groups (optional)	F90A686F69 websecurity	e Editor - demo	AS688 de List	v ervice restart	** Add Delete		About	
File View Tools Wizards W File View Tools Wizards W File View Tools Wizards W File View Configuration File Configuration	Profile: demo Web Security Exceptions Preferences Advanced	Authentication Proxy Authentication License Key Service Password Tenable Enterprise Domains All Domains Custom matching and reporting to Computer Name Custom Groups (optional) Custom Groups (optional)	F90A686F69 websecurity Add Delete for machines not joined to Add Delete	e Editor - demo	A5688 de List		** Add Delete		About	
File View Tools Wizards W File View Tools Wizards W File View Collection (Configuration) Remote Access VPN Remote Access VPN Network (Client) Access AnyConnect Client Software AnyConnect Client Software Group Policies Group Policies Filesc(IXEVI) Connection F Secure Mobility Solution AnyConnect Client Software Glientless SSL VPN Access AAA/Local Users Host Scare Image Secure Desktop Manager Certificate Management Language Localization Callenties SSL VPN Access AAA/Local Users Host Scare Desktop Manager Certificate Management Language Localization Advanced Secure Setup Firewall Secure Setup Site-to-Site VPN Device Management	Profile: demo Web Security Exceptions Proferences Authentication Advanced	Authentication Proxy Authentication License Key Service Password Tenable Enterprise Domains All Domains Custom matching and reporting to Computer Name Custom Groups (optional) Custom Groups (optional)	Connect Client Profil	e Editor - demo	A5688 de List	ervice restart	** Add Delete		About	
Ile View Tools Wizards W Home Configuration Introduction Introduction AnyConnect Connection P AnyConnect Connection P AnyConnect Clent Profile AnyConnect Clent Profile AnyConnect Clent Softwa Dynamic Access Policies IP Secure Mobility Solution P Secure Mobility Solution Advanced Clentess SSL VPN Access AAA/Local Users AAA/Local Users AAA/Local Users Clentess SSL VPN Access AAA/Local Users AAA/Local Users Device Setup P Device Setup Firewall Clentes SL VPN Connection P Secure Desktop Manager Control Connect Connect Diss Advanced	Control contro	Authentication Proxy Authentication License Key Service Password Enable Enterprise Domains All Domains Computer Name Custom Groups (optional) Custom Groups (optional)	F90A686F69 websecurity	e Editor - demo	A5688 de List	ervice restart	** Add Delete		About	
ile View Tools Wizards W Home Configuration Remote Access VPN Introduction AnyConnect Connection P AnyConnect Customization AnyConnect Customization AnyConnect Customization Dynamic Access Policies Group Policies Psec(IVEV1) Connection P Secure Mobility Solution Barderss Assignment Cast Advanced Cast SSL VPN Access AAA/Local Users AAA/Local Users Firewall Certificate Management Load Balancing Pevice Setup Firewall Remote Access VPN Site-to-Site VPN Device Management	Profile: demo Web Security Scanning Proxy Exceptions Advanced	Authentication Proxy Authentication License Key Service Password Tensble Enterprise Domains All Domains Computer Name Custom matching and reporting Computer Name Custom Groups (optional)	F90A686F69 websecurity Add Delete for machines not joined to Add Delete Add OK	e Editor - demo	45688 de List	ervice restart	** Add Delete		About	



Stap 3. Stel een gesplitste buitensluiting in Web Security in en selecteer de optie Web security clientmodule downloaden

Bewerk AnyConnect VPN-groepsbeleid, zoals in de afbeelding.



Zoals in de afbeelding wordt getoond, stelt u een gesplitste buitensluiting in voor Web security.

6	3			Edit Internal Group Policy: DfltGrpPolicy
	General Servers	The VPN client makes split tunneling decis	ions on the basi	s of a network list that can be specified below by providing the proper parameters to 'Polic
	AdvancedSplit TunnelingBrowser Proxy	DNS Names: Send All DNS Lookups Through Tunnel:	⊖ Yes ⊙ N	lo
	⊞…AnyConnect Client ⊞…IPsec(IKEv1) Client	Policy:	Exclude Netwo	ork List Below
		Network List:	None	JORK LIST BEIOW
		Pressing this button to set up split exlusion Set up Split Exclusion for Web Security	n for Web Secu y	rity proxies. Web Security Proxies Exclusion
		Intercept DHCP Configuration Message	from Microsoft (Enter a new or select an existing access list used for Web Security split exclusion. ASDM will set up the access list for use in the network list. Access list name: CWS-Tower Select
				Create Access List Update Access List Cancel

6		Edit Internal Group Policy: DfltGrpPolicy
General Servers -Advanced Browser Proxy -AnyConnect Client -IPsec(IKEv 1) Client	The VPN dient makes split tunneling decision DNS Names: Send All DNS Lookups Through Tunnel: Policy: IPv6 Policy: Network List: Pressing this button to set up split exlusion Set up Split Exclusion for Web Securit Intercept DHCP Configuration Message	sions on the basis of a network list that can be specified below by providing the proper par Yes No Exclude Network List Below Exclude Network List Below CWS-Tower on for Web Security proxies.

Selecteer de module van de client voor Web Security downloaden, zoals in de afbeelding.

Stap 4: Clientprofiel voor webbeveiliging downloaden

Bewerken AnyConnect VPN-groepsbeleid > Clientprofielen om te downloaden > Toevoegen, kiest nu het gemaakte profiel (zoals in Stap 1)

General	Keep Installer on Client System:	Yes No	
Servers			
Advanced	Datagram Transport Layer Security (DTLS):	Enable O Disal	ole
Split Tunneling Browser Proxy	DTLS Compression:	Enable Disal	ble
AnyConnect Client	SSL Compression:	○ Deflate ○ LZS	Disable
Client Firewall Key Regeneration	Ignore Don't Fragment(DF) Bit:	○ Enable	ble
Dead Peer Detectio	Client Bypass Protocol:	O Enable	
Custom Attributes	FQDN of This Device:		
	MTU:	1406	
	Keepalive Messages:	Disable Interval	Select AnyConnect Client Profiles
	Optional Client Modules to Download:	websecurity	This panel is used to select existing AnyConnect profile for a group policy. To create or edit a profile, go to Remote
	Always-On VPN:	 Disable Use Use 	Access VPN>Network (Client) Access>AnyConnect Client Profile.
	Client Profiles to Download:		Select a profile name and the usage will be determined automatically. The 'View Profile' button will open the profile viewer (no editing) if the AnyConnect 2.5 client or later is installed and if the profile usage is determined.
		Add Thelete	Otherwise, it will show the profile content as XML text.
		Profile Name	Profile Name: demo
			Profile Usage: Web Security Service Profile
			OK Cancel Help
< III >			
Find:	Next O Previous	5	
			OK Cancel Help

Klik op OK en pas de wijzigingen toe.

Verifiëren

Wanneer u verbinding maakt met AnyConnect VPN, zal ASA de AnyConnect web security module door VPN duwen zoals in de afbeelding.

S Cisco AnyConnect 10.106.36.30	S Cisco AnyConnect Secure Mobility Client - □ ×
Username: user1 Password: *******	VPN: Contacting 10.106.36.30. 10.106.36.30 VConnect
OK Cancel	Cisco

9	Cisco AnyConnect Secure Mobility Client	- 🗆 🗙
cisco AnyConnec	t Secure Mobility Client	0
Status Overview	Virtual Private Network (VPN)	Diagnostics
VPN >	Preferences Statistics Route Details Firewall Message History	
Web Security	 5:21:58 AM Disconnect in progress, please wait 5:21:59 AM Ready to connect. 5:29:69 AM Contacting 10.106.36.30. 5:29:53 AM User credentials entered. 5:29:53 AM Establishing VPN session 5:29:53 AM The AnyConnect Downloader is performing update checks 5:29:54 AM Downloading Web Security Service Profile - 100% 5:29:54 AM Downloading for product updates 5:29:54 AM Downloading AnyConnect Web Security 4.1.08005 - 100% 5:29:54 AM Downloading anyConnect Web Security 4.1.08005 - 100% 5:29:54 AM Downloading any required updates 5:29:54 AM Performing any required updates 5:29:58 AM The AnyConnect Downloader updates have been completed. 5:30:02 AM Establishing VPN - Initiating connection 5:30:02 AM Establishing VPN - Activating VPN adapter 5:30:03 AM Establishing VPN - Configuring system 5:30:03 AM Establishing VPN 5:30:03 AM Establishing VPN 	^
Collect diagnostic information for all installed components. Diagnostics		Clear



Als u reeds inlogt, wordt het aanbevolen om uit te loggen en dan terug in te loggen zodat de functionaliteit wordt ingeschakeld.

Versie AnyConnect voor upgrade/downloads

De invoerfunctie blijft ongewijzigd als de versie wordt bijgewerkt. Afwaardering is echter niet mogelijk. Met het huidige voorbeeld van 4.1.x kan het dus worden bijgewerkt naar versie 4.2

Het gaat om de volgende stappen:

Stap 1. Upload het laatste AnyConnect-pakket 4.2 om 4.1 te flitsen en te vervangen met het laatste bestand.

Onder AnyConnect Client Software > Vervangen en kies vervolgens het recente beeldbestand.

File View Tools Wizards Window Help				Type topic
Home 🍪 Configuration 🔯 Monitoring 🗐 Sav	e 💽 F	Refresh	Sack Forward Proved Provided P	
Remote Access VPN 🗇 🖓	Confi	quratio	n > Remote Access VPN > Network (Client) Access > AnyConnect	Client Software
Introduction Introduction AnyConnect Connection Profiles AnyConnect Customization/Localization AnyConnect Client Profile AnyConnect Client Software Dynamic Access Policies		onnect Cl to AnyCo natch the can also	ient Images Innect Client packages can be downloaded from the Cisco Web using the sear I user-agent of a browser to an image. I minimize connection setup time by moving the image used by the most comm Replace Delete Delete	rch string 'AnyConno
Group Policies	Im	age	1	Regular expression
Secure Mobility Solution	dis	k0:/anyo	onnect-win-4.1.08005-k9.pkg	
Address Assignment Advanced		E	Replace AnyConnect Client Image	×
Clientless SSL VPN Access		Anyo	Connect Image: disk0:/anyconnect-win-4.2.01035-k9.pkg Brow	vse Flash
Host Scan Image			U	Jpload
Certificate Management		Re	gular expression to match user-agent	*
Language Localization Load Balancing DHCP Server DNS			OK Cancel Help	

Stap 2. Wanneer u opnieuw verbinding maakt met AnyConnect VPN, zal ASA de nieuwste AnyConnect-module door VPN indrukken zonder wijzigingen in het web security profiel.

🕥 Cisco A	AnyConnect Secure Mobility Client 🛛 🗖 🔜 📉
	VPN: Exiting. Upgrade in progress. 10.106.36.30 ∨ Connect
	Web Security: Enabled (India)
\$ (i)	دisco المراجع ا المراجع المراجع



Opmerking: Downgrade wordt niet ondersteund.

Problemen oplossen

Deze sectie verschaft informatie die u kunt gebruiken om problemen met uw configuratie op te lossen.

DART gebruiken om informatie over probleemoplossing te verzamelen:

DART is het AnyConnect Diagnostics en Reporting Tool die u kunt gebruiken om gegevens te verzamelen die nuttig zijn voor het oplossen van installatie- en verbindingsproblemen met AnyConnect. DART ondersteunt Windows 7, Windows Vista, Windows XP, Mac versie 10.5 en 10.6 en Linux Redhat. De wizard DART draait op de computer waarop AnyConnect wordt uitgevoerd. Het assembleert de logbestanden, status en diagnostische informatie voor Cisco Technical Assistance Center (TAC) analyse en heeft geen beheerderrechten nodig.

Hoewel DART niet afhankelijk is van een component van de AnyConnect-software om te starten, kunt u deze toch starten vanuit AnyConnect, zal u het AnyConnect-logbestand verzamelen indien dit beschikbaar is. Op dit moment is DART beschikbaar als een standalone installatie, of de beheerder kan deze toepassing naar de client-pc duwen als onderdeel van de AnyConnect dynamische downloadinfrastructuur. Nadat het programma is geïnstalleerd, kan de eindgebruiker de wizard starten vanuit de map Cisco die beschikbaar is via de knop **Start**.