SSL VPN 管理使用手冊

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1. 前言

台灣固網SSL VPN(Secure Socket Layer Virtual Private Network)遠端存 取加值服務,讓遠端使用者以SSL 安全傳輸機制即可存取公司IPVPN 企業網路和應用。

可由任意瀏覽器進行後續操作指示。

2. 使用者帳號管理

新增VPN使用者帳號

開啟任意瀏覽器,輸入台灣固網發送之(SSL VPN服務開通通知)設 定網址連結與管理者帳號密碼,執行登入。

隱私權設定發生錯誤 × +	
← → C ▲ 不安全 https://sslvpn.tfn.net.tw:22344	DEMO
1. 输入台圖提供之管理:	調燈速運路 後按Enter罰往
	你的連線不是私人連線
	攻擊者可能會試圖從 sslvpn.tfn.net.tw 竊敗你的資訊 (例如密碼、郵件或信用卡資料)。豐 經詳透
	NET-ERR, CERT, AUTHORITY, INVALID
	♀ 要獲得 Chrome 最高等級的安全防運,講 <u>證用強化防護功應</u>
2. 點釋[編] 關稱而音	● ● ● ● ● ● ● ● ● ● ● ● ● ●
	電磁能注 sshypatfinettw 網站(不安全)

範例URL: https://sslvpn.tfn.net.tw:2xxxx

管理者帳號密碼輸入(依台固提供資訊)



Note:如果登入後如有像下圖頁面空白的現象·按F5或瀏覽器重整 紐即可正常顯示。

 ✓ ✓ C ▲ 不安全 https://c→c+0+0>/prompt?viewOnly&redir=%2F 如無畫面顯示則按此或鍵盤F5 按鍵進行頁面重整 	
FortiGate Setup	首次登入出現引導程序點擊Later

左方頁簽選擇路徑:User&Authentication > User Definition

於顯示畫面之上方選擇「Create New」

_							
2	🐺 CO11401-FG1011E-VPN02 👻	≡ Q.				IOM: 🚭 vdom1 - >_ 😗 -	🗘 - 🕒 vdom1admin -
æ	a Dashboard	+Create New Sedit	Telete Se	earch	Q		
5	l VPN	Name \$	Type 🌣	Two-factor Authentication ≎	Groups \$	Status 🗢	Ref. \$
Ê	User & Authentication	🛓 test	LOCAL	0	vpngroup	C Enabled	1
	User Groups	🛔 test1	LOCAL	0	wpngroup	Enabled	1
	Guest Management						
	LDAP Servers						
	RADIUS Servers						
	Single Sign-On						
	Authentication Settings						
2	System >						
	Security Fabric >						
Ŀ	≝ Log & Report >						

請依以下畫面設定步驟執行



輸入欲設定之使用者帳號、密碼後繼續執行



下方頁面請依照步驟執行:1-點選啟用Group(變綠色); 2-啟用後於選 單選擇「vpngroup」,系統會將其帶至左方欄位; 3-點擊 「Submit」確認帳號創建,即完成使用者帳號新增。

🙀 CO11401-FG1011E-VPN02 🗸	≡ Q		VDOM: 🔷 vdom1
Dashboard >	Users/Groups Creation Wizard		
CONSIDENTION OF CONTROLOTION Dashboard VPN VPN Ver Constraint User Control Ver Constraint User Constraint User Groups Guest Management LDAP Servers RADIUS Servers Single Sign-On Authentication Settings FortiTokens The Settem Setem Settem Settem Setem Setem S	Users/Groups Creation Wizard User Scount Status User Group 1 User Group User Group User Group User Group User Group User Group User Group User Group User Scount Status User Group User Group User Group User Group User Group User Scount Status User Scount Status User Group User Group U	2 Extraint Select Entries Q Search Vpgroup	Create Anage your devices on IOS or Andro subscriptions. Get the app C Online Guides Relevant Documentation C Video Tutorials C SortiAnswers Join the Discussion C
Security Fabric > Li Log & Report >		3 Close	
Fürtinet		< Back Submit	Cancel

變更密碼

點選欲變更密碼之使用者帳號後,於頁面上方點選「Edit」編輯

KC011401-FC1011E-VPN02 -							
Dashboard >	+Create New	+Create New Clone Delete Search Q					
묘 VPN >	Name ≑	Type 🗘	Two-factor Authentication \$	Groups ≑	Status ≑		
Luser & Authentication	▲ test		8	wongroup	Enabled		
User Definition ជំ	• • • • •	• 1004	0	· · · · · · · · · · · · · · · · · · ·	 Contract 		
User Groups	a test1	LUCAL	0	w vpngroup	Enabled		
Guest Management							
LDAP Servers							
RADIUS Servers							
Single Sign-On							
Authentication Settings							
FortiTokens							
System >							
Security Fabric >							
Log & Report >							

於password欄位重新輸入新密碼,點擊「OK」後確認密碼變更。

🛃 CO11401-FG1011E-VPN02 🗸	≡ Q
Dashboard >	Edit User
₽ VPN >	
💄 User & Authentication 🛛 🗸	Username test
User Definition 🛛 🏠	User Turne Local Licer
User Groups	Password
Guest Management	
LDAP Servers	+
RADIUS Servers	
Single Sign-On	Two-factor Authentication
Authentication Settings	
FortiTokens	
System	
Security Fabric >	
Log & Report >	
	OK

<mark>刪除使用者帳號</mark>

左方頁簽選擇路徑:User&Authentication > User Groups

於使用者群組中移出欲刪除之使用者帳號

🖙 CO11401-FG1011E-VPN02 🗸	≡ Q.
Dashboard	Edit User Group
므 VPN >	
💄 User & Authentication 🛛 🗸	Name vpngroup
User Definition	lype Firewall
User Groups 🗘	Members a test a
Guest Management	🛓 testuser 🗙
LDAP Servers	+
RADIUS Servers	
Single Sign-On	
Authentication Settings	
FortiTokens	
🗘 System 📏	
Security Fabric >	
Log & Report >	
	OK Cancel

左方頁簽選擇路徑:User&Authentication > User Definition

點擊選擇欲刪除之使用者帳號後上方點選「Delete」並OK確認



<mark>建議事項</mark>

1. 變更管理者密碼

為維護帳戶安全,請於第一次登入時修改密碼(自訂)



2. 增加VPN監控頁面

SSLVPN 監控頁面讓您可以觀察 VPN 連線狀況

新增步驟:



VPN監控檢視說明:

CO11401-FG1011E-VPN01 -	≡ Q			VDOM:	🛆 ipndlab • >_ 🕢 • 🗘 • 😝 labadmin
Dashboard Statue	SSL-VPN				(2)I-
Security		Duration		Connection Mode	
Network Users & Devices	1	Connected < 10 Minutes	1	- Idinei	重整刷新頁面
+ FortiView Sources	Users	登入使用中的用戶數			
FortiView Destinations	K End Session Q Locate on VPN	Map (View Connection Details	Search	Q	
FortiView Web Sites	Username 🗢	Remote Host \$	Duration \$	Connections \$	Bytes \$
FortiView Policies FortiView Sessions	labuser A 22	0.141.8.135	1m 1s	1 Tunnel Connections	20.74 kB
SSL-VPN Monitor	已登入VPN的根號				
⊒ VPN >					
Luser & Authentication >					
Security Fabric					
Log & Report >					

3.注意事項

爲了增加您使用SSL VPN 遠端存取加值服務的安全性,登入帳號設 定下列之安全規範。

- ▶ 安全設定於頁面一分鐘內登入3次失敗會進行封鎖,請於三分鐘 後重整或重新連線頁面再進行登入動作。
- ▶ 相同帳號、密碼,僅能有一個用戶登入連結公司IP VPN 網路, 使用相同帳號、密碼登入,後登入者將造成原登入使用者自動 登出。

4.頁面說明

登入後頁面左側之頁簽說明如下:

紅字部分為依前述情況可能會使用到的頁簽,其餘頁簽請無須理會



Dashboard



User & Authentcation



Log & Report

(續下頁)



Log&Report > System Events

選擇[General System Events]時

可觀察到系統管理層級的事件日誌

CO11401-FG1011E-VPN01 -	≡ Q.			VDOM: 🛆 C0935959 🗸 💙	🖕 🗿 • 🗘 • 😫 СО935959admin •
Dashboard	Summary 🚯 Logs				
묘 VPN >	C + O C Search			Q 🛱 General Syste	m Events • R Memory • Details
🚨 User & Authentication 🔹 🔸		1			
🔹 System 🔷 🔸	Cate/Time	Level T	User	Message	Log Description
Security Fabric >	2023/04/27 13:56:47		sslvpn_test_L1	Edit system.admin Tacacs-Admin-RW	Object attribute configured
낻 Log & Report ∽	2023/04/27 13:52:01		C0935959admin	Administrator C0935959admin logged in successfully from https(125.227	Admin login successful
Forward Traffic	2023/04/27 13:48:59			Login disabled from IP 125.227.166.240 for 60 seconds because of 3 bad at	Admin login disabled
Local Traffic	2023/04/27 13:48:36		C0935959admin	Administrator C0935959admin logged out from https(125.227.166.240)	Admin logout successful
Sniffer Traffic	2023/04/27 13:42:45		C0935959admin	Administrator C0935959admin logged in successfully from https(125.227	Admin login successful
ZTNA Traffic	2023/04/27 13:40:59		💄 C0935959admin	Administrator C0935959admin logged out from https(125.227.166.240)	Admin logout successful
System Events ☆	2023/04/27 13:38:55		C0935959admin	Administrator C0935959admin logged in successfully from https(125.227	Admin login successful
Security Events	2023/04/27 13:38:41		sslvpn_test_L1	User sslvpn_test_L1 has left the virtual domain C0935959	Super admin left VDOM
Reports	2023/04/27 13:38:08		L C0935959admin	Administrator C0935959admin logged out from https(125.227.166.240)	Admin logout successful

選擇[User Events]時

	520110 050					
👺 CO11401-FG1011E-VPN01 -	≡ Q				VDOM: 🛆 C0935959 • >_ 🛛 🖓 • 🛛	ሷ - ፀ ርዕ93
Dashboard Dashboard VPN	Summary O Logs				Q User Events •	R Memory -
System	Date/Time	Level	User	Action	Message	Grou
Security Fabric >	2023/04/27 13:56:59		🚢 kenny	auth-logout	User kenny removed from auth logon	
브 Log & Report 🛛 🗸 🗸	2023/04/27 11:07:26		💄 keven	auth-logout	User keven removed from auth logon	
Forward Traffic	2023/04/27 10:08:10		🚢 user1	auth-logout	User user1 removed from auth logon	
Local Traffic	2023/04/27 10:07:49		🚢 user1	auth-logon	User user1 added to auth logon	
Sniffer Traffic	2023/04/27 10:01:10		💄 keven	auth-logon	User keven added to auth logon	
ZTNA Traffic	2023/04/27 09:49:47		🚢 kenny	auth-logon	User kenny added to auth logon	
System Events 🏠	2023/04/25 19:46:13		🚨 usertest	auth-logout	User usertest removed from auth logon	
Security Events	2023/04/25 19:45:57		ausertest	auth-logon	User usertest added to auth logon	
Reports	2023/04/25 19:44:08		ausertest	auth-logout	User usertest removed from auth logon	
Log Settings	2023/04/25 19:43:31		🔒 usertest	auth-logon	User usertest added to auth logon	

可觀察到SSLVPN User連線的歷史事件日誌

Last update:2023/04/27

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