PROCEDIMENTO PARA SUBSTITUIÇÃO DE TVPN DEFEITUOSO DA REDE DE COMUNICAÇÕES SEGURAS DE DADOS



Make ideas real



ROHDE&SCHWARZ



Efetue o seguinte procedimento, caso algum TVPN instalado apresente problema e necessite ser substituído.

Trusted VPN em Modo Único:

- 1) No painel de navegação, expanda o conteúdo da organização
- 2) Dê um clique duplo no VPN Appliance

R&S®Trusted Objects Ma	nager							ROH	Cybersecurity
Management Console	Name	Serial number	IP address 10.24.7.0/24	I-GW	RW	TVD ATN-Br	Status	Since	Firmware
ATN-Br	CSC/AGDLIC	A78FA-3265Z-AAJBL-PLQYA-U7LCT					offline	Tue, Sep. 20. 2022	TrustedvPN 7.1.0 (R2113)
CSC/AGDLIC		Trusted V(DN) Appliances	CSC (ACDUIC Brofile	1 Microsof	+ Edar				

3) Na aba *General* → clique em *Advanced*

▲ Not secure	https://192.16	58 124 11/module/tom/app	liancew2q4	$\nabla \mathcal{D}$	Θ
- Not secure	11(1)3.//152.10	. 124. 11/ module/ tom/ upp	nunce wzg4	/\	~
	Trusted VPN /	Appliance: CSC/AGDLIC			
General Connected Networks	Name:	CSC/AGDLIC			
Maximum Segment Size Virtual Networks	Firmware:	TrustedVPN 7.1.0 (R2113)			
Road Warrior	Serial number:	A7BFA-326SZ-AAJBL-PLQYA-U7LCT			>
	Deployment group:	7.0.0 - 7.1.0			•
	Status / Since:	offline Tue, Sep. 20. 2022	14:47 (UTC-03:00)		
	- External network	configuration			
	Interface:	eth0 - external network interface			
		 Dynamically using DHCP 	Static		
	IP / Mask:	10.26.13.10	255.255.255.0		
	Gateway:	10.26.13.1			•
	DNS 1 / DNS 2:	×			>
	Convert to redun	dant appliance Download configuration	s / software updates	Advanci	ed

- 4) Marque a caixa "I want to reset the appliance to factory settings..." na opção "Reset Appliance and Trusted Channel Connection to Factory Settings"
- 5) Pressione o botão "Reset appliance and Trusted Channel connection to factory settings"



6) Pressione o botão OK





7) Na aba *General* → Remova o *Serial Number*

Trusted VPN Applia	nce: CSC/AGDLIC	- Profile 1 - Microsoft Edg	e	-		\times
🔺 Not secure	https://192.16	58.124.11/module/tom/	/applian	cew2g4	A ^N	Q
	Trusted VPN	Appliance: CSC/AGDLIC				
General Connected Networks	Name:	CSC/AGDLIC				
Maximum Segment Size	Firmware:	TrustedVPN 7.1.0 (R2113)				
 Virtual Networks Road Warrior 	Serial number:					×
	Deployment group:	7.0.0 - 7.1.0				•
	Status / Since:	offline Tue, Sep. 20.	2022 14:47	(UTC-03:00)		
	- External network	configuration				
	Interface:	eth0 - external network interface				Ŧ
		O Dynamically using DHCP	Static			
	IP / Mask:	10.26.13.10	255	.255.255.0		
	Gateway:	10.26.13.1				•
	DNS 1 / DNS 2:		×			×
	Convert to redun	dant appliance Download configu	urations / so	ftware updates	Advan	ced
			OK	Cancel	A	pply

8) Pressione o botão Apply

Nota: A partir deste momento o TVPN estará excluído da rede, podendo somente retornar a rede após configuração via pendrive.

- 9) Insira no campo Serial Number os dados do novo TVPN no menu General
- 10) Pressione o botão Apply
- 11) Clique em Download configurations / software updates no menu General



- 12) Marque a caixa Add credentials to configurations
- 13) Clique em *Download*



14) Armazene o arquivo *configurations* na raiz de um pendrive

Nota: Não renomear o arquivo

- 15) Ligue o Trusted VPN e aguarde o processo de inicialização ser completado
- 16) Insira o pendrive na porta USB do Trusted VPN

Nota: o Trusted verifica, instala e aplica o arquivo configurations, e reinicia automaticamente

17) Remova o pendrive após o Trusted VPN reiniciar

Nota: A conexão entre o Trusted VPN e o TrustedObjects Manager é estabelecida.

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TVPN em Modo Redundância:

- 1) No painel de navegação, expanda o conteúdo da organização
- 2) Dê um clique duplo no VPN Redundant Appliance

R&S®Trusted Objects I	Manager								ROHDE & SCHWARZ Cybersecurity
Management Console	Name	Serial number	IP address	1-GW	RW	TVD	Status	Since	Firmware
RS08	11, 656		10.24.7.0/24			ATN-Br			
CSC/AGDLIC	CSC CSC	Redundant (2 appliances)					① 1 / 2 online		TrustedVPN 7.1.0 (R2113)

 Na aba Technical Appliances → selecione o TVPN com defeito na tabela de dispositivos → clique em Advanced



- 4) Marque a caixa "I want to reset the appliance to factory settings..." na opção "Reset Appliance and Trusted Channel Connection to Factory Settings"
- 5) Pressione o botão "Reset appliance and Trusted Channel connection to factory settings"



6) Pressione o botão OK



- 7) Na aba Technical Appliances → selecione o TVPN com defeito na tabela de dispositivos → Remova o Serial Number
- 8) Pressione o botão Set

Not secure	https://192.1	168.124.11/module/tom/a	appliancev	N2q4 A	to e
General	Trusted VPN	Appliance: CSC	of the same produ	ict to realize a fai	l-over
Connected Networks Maximum Segment Size	IP 10.26.13.21	Serial		Mode	
Road Warrior	10.26.13.22				
	The primary applia appliance didn't re	ance informs the standby appliances ever ceive anything within 4 seconds, it becon	y 4 seconds that it tes primary automa in 10.26.13.0	is active. If a sta atically. 0/24	ndby
	The primary applia appliance didn't re IP: Serial:	ince informs the standby appliances ever ceive anything within 4 seconds, it becom 10.26.13.22	y 4 seconds that it tes primary automa in 10.26.13.0	is active. If a sta atically. J/24	ndby
	The primary applia appliance didn't re IP: Serial: Firmware:	ince informs the standby appliances ever ceive anything within 4 seconds, it becom 10.26.13.22	y 4 seconds that it les primary automa in 10.26.13.0	is active. If a sta atically. 3/24	ndby
	The primary appliance didn't re appliance didn't re IP: Serial: Firmware: Status / Since:	ince informs the standby appliances ever ceive anything within 4 seconds, it becom 10.26.13.22 [] dffine	y 4 seconds that it i nes primary automa in 10.26.13.0 2022 12:51 (UTC-C	is active. If a sta trically. //24 13:00)	ndby

9) Pressione o botão Apply

Nota: A partir deste momento o TVPN estará excluído da rede, podendo somente retornar a rede após configuração via pendrive.

10) Selecione o campo do TVPN com defeito (somente o IP estará visível) na tabela de dispositivos → Insira no campo **Serial** os dados do novo TVPN no menu **Technical Appliances**

▲ Not secure	https://192	.168.124.11/module/tom/ap	pliancew2q4 A ^w 🤄
	Tructed VP	N Appliance: CSC	
	indsted vri	Appliance. Coc	
eneral echnical Appliances	The redundant a functionality. Eac	ppliance acts like a container of appliances of h appliance in this list has the same configura	the same product to realize a fail-over tion as the redundant appliance.
onnected Networks	IP	Serial	Mode
aximum Segment Size	10.26 12.21	A 705A-22667-AA301-DLOVA-LOLOT	Primane
tual Networks	10.26.13.22		
	The primary applance didn't r	lance informs the standby appliances every 4	seconds that it is active. If a standby primary automatically.
	The primary appl appliance didn't i	liance informs the standby appliances every 4 receive anything within 4 seconds, it becomes 10.28.1.32	seconds that it is active. If a standby primary automatically. In 10.26.13.0/24
	The primary app appliance didn't r IP: Serial:	lance informs the standby appliances every 4 receive anything within 4 seconds, it becomes 10 268 1322 Q0236-YAB-Q1-PAY73 J758F-R0034	seconds that it is active. If a standby primary automatically. In 10.26.13.0/24
	The primary appl applance ddri't r IP: Serial: Firmware:	liance informs the standby appliances every 4 receive anything within 4 sccoles, 8 becomes 1828-13.22 [922-6*A4C3-R472-3758F-KDC34]	seconds that it is active. If a standby primary automatically. in 10.26.13.0/24
	The primary appl appliance didn't i IP: Serial: Firmware: Status / Since:	liance informs the standy appliances every 4 sective anything within 4 seconds, it becomes 10.204.13.22 [Q073C4NeO-Per/73.375BF-KDD0] [dffme]][Wed, Sep. 21. 20	second but it is aches, 37 a standby pressy automatically. In 10.26.13.024 22.12.51 (JTC-03.00)

11) Pressione o botão Set

▲ Not secure	https://192.1	168.124.11/module/tom/appliar	ncew2g4 A ^N 🤅
	Trusted VPN	Appliance: CSC	
General Technical Appliances	The redundant ap functionality. Each	pliance acts like a container of appliances of the sar appliance in this list has the same configuration as	me product to realize a fail-over the redundant appliance.
Connected Networks	IP	Serial	Mode
laximum Segment Size lirtual Networks	10.26.13.21	A78FA-326SZ-AAJ8L-PLQYA-U7LCT	Primary
Road Warrior	10.26.13.22	QR73G-YA4X3-PAY73-J758F-KDD3K	Standby
	The primary appli appliance didn't re	ince informs the standby appliances every 4 second celve anything within 4 seconds, it becomes prime 1 (5 - 6 + 3 - 2 - 1)	is that it is active. If a standby v automatically. 2.6.13.074
	The primary appli appliance didn't re IP:	ince informs the standby appliances every 4 second ceive angthing within 4 seconds, it becomes primar 80.26.13.22 in 1	is that it is active. If a standby y automatically. 0.26.13.0/24
	The primary applia appliance didn't re IP: Serial:	Ince informs the standby appliances every 4 second cerve anything within 4 seconds, it becomes prima (0.36.13.22) (973G-YAKG) PAP73-758F-KDO3K	is that it is active. If a standby y automatically. 0.26.13.0/24
	The primary appli appliance didn't re IP: Serial: Firmware:	Ince Informs the standby appliances every 4 second cells anything within 4 seconds, it becomes primar [0.26.13.22] in 1 [073G-VARG-PRI73-373BF-KD03K	is that it is active. If a standby vantomatically. 0.26.13.0/24
	The primary appli appliance didn't re IP: Serial: Firmware: Status / Since:	Ince informs the standby appliances every 4 second ceive anything within 4 seconds, it becomes primar 18.0.6.1.3.22 in 1 QR2736/14863-PAR73-3758E-RDD3X gR736-14863-PAR73-3758E-RDD3X dBine Wed, Sep. 21. 2022 12:1	Is that it is active. If a standby y automatically. 0.26.13.0/24





- 12) Pressione o botão Apply
- 13) Navegue até o menu *General* → Clique em *Download configurations / software updates*

sted VPN Applia e: CSC oyment group: to CSC backernal network configu face: etho - Dyn Mask: 10.26.1 vway: 10.26.2 1 / DNS 2:	nce: CSC efault) ration external network interfac amically using DHCP 13.20 13.1	e Static 255.3	255.255.0	
e: CSC oyment group:	efault) ration external network interfac amically using DHCP 13.20 13.1	e Static 255.2	155.255.0	-
ooyment group: to define the observation of the obs	efault) ration external network interfac amically using DHCP 13.20 13.1	e Static	255.255.0	
External network configuration face: eth0 - Dyn Mask: 10.26.1 way: 10.26.2	ration external network interfac namically using DHCP 13.20 13.1	e Static	255.255.0	
face: eth0 - Dyn Mask: 10.26.1 way: 10.26.1 1 / DNS 2:	external network interfac namically using DHCP 13.20 13.1	e Static	255.255.0	
Dyn Mask: 10.26.1 way: 10.26.1	namically using DHCP 13.20 13.1	Static 255.2	255.255.0	
Mask: 10.26.1 way: 10.26.1 1 / DNS 2:	13.20	255.2	255.255.0	
way: 10.26.1	13.1			
1 / DNS 2:				•
		×		×

- 14) Marque a caixa Add credentials to configurations
- 15) Clique em *Download*

m ~~ USB configuration and installation files - Pr $~~$	-		\times
A Not secure https://192.168.124.11/r	mod	A	Q
USB configuration and installation files			
The configuration file contains the configuration of all appliances within opened from, along with connection data of the Trusted Objects Manage interface. Depending on the deployment group settings it may also cont. Download the following files to the root directory of the USB flash device	the node the er and the ain installat e.	ne window v Trusted Char tion commar	vas nnel nds.
File		Download	
🖧 configurations		dd credentia onfiguration	als to s.

- 16) Armazene o arquivo *configurations* na raiz de um pendrive
- Nota: Não renomear o arquivo
- 17) Ligue o Trusted VPN e aguarde o processo de inicialização ser completado
- 18) Insira o pendrive na porta USB do Trusted VPN
- Nota: o Trusted verifica, instala e aplica o arquivo configurations, e reinicia automaticamente
- 19) Remova o pendrive após o Trusted VPN reiniciar
- Nota: A conexão entre o Trusted VPN e o TrustedObjects Manager é estabelecida.