

Critical Software TEST CASE SPECIFICATION

GIT FOR INDUSTRY

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PARTNERS:





APPROVAL				
VERSION	NAME	FUNCTION	SIGNATURE	DATE
4.10.0	José Rodrigues	Critical Software GFI Team Leader		2024-02-1

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NAME	DESCRIPTION	DATE
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REVISION I	REVISION HISTORY				
VERSION DATE		DESCRIPTION		AUTHOR	
4.10.0	2024-02-1			Luís Vieira	



1. TEST CASES

1.1. G4I-5304 - TEST PLAN FOR GFI RELEASE 4.10.0

1.1.1. Test Add MDR user to ECS22b Supplementary

Test Add	MDR user to ECS22b Supplementary	
KEY	G4I-5303	TYPE Functional EXECUTION Manual
DESCRI	PTION Add default iteration on ECS22b w	ith Supplementary Remote party set as MDR
PRECO	NDITIONS	
STEP	INPUT	OUTPUT
1	On GFI GUI, Create a new 'Emulated' test for use case ECS22b	The test is created with all of the default iterations. Iteration 3 contains MDR1 as a Supplementary Remote Party.
	Device Type: ESME	Remote Farty.
2	Execute the emulated test.	Execution report is generated and all iterations show as 'Pass'.
	Open the report and check that the following fields are present and the values are set:	SUPPLEMENTARY_REMOTE_PARTY_ID=
	 SUPPLEMENTARY_REMOTE_P ARTY_ID SUPPLEMENTARY_REMOTE_P ARTY_COUNTER 	0x90B3D51F30010009
3		SUPPLEMENTARY_REMOTE_PARTY_KEY_AGRE EMENT_CERTIFICATE = <30 82 01 F6 EC C4 AA 6E>
	 SUPPLEMENTARY_REMOTE_P ARTY_KEY_AGREEMENT_CER TIFICATE 	*KA stored at: '/opt/gfi/conf/smki/org/org-ee/cert/mdr-ka.pem'
	On GFI GUI, Create a new 'Emulated' test	The test is created with all of the default iterations.
2	for use case ECS22b	Iteration 3 contains MDR1 as a Supplementary Remote Party.
	Device Type: SAPC	Remote Faity.
5	Execute the emulated test.	Execution report is generated and all iterations show as 'Pass'.
	Open the report and check that the following fields are present and the values	SUPPLEMENTARY_REMOTE_PARTY_ID = 0x90B3D51F30010009
6	are set:SUPPLEMENTARY_REMOTE_P ARTY_ID	SUPPLEMENTARY_REMOTE_PARTY_KEY_AGRE EMENT_CERTIFICATE = <30 82 01 F6 EC C4 AA 6E>
	SUPPLEMENTARY_REMOTE_P ARTY_COUNTER	*KA stored at: '/opt/gfi/conf/smki/org/org-ee/cert/mdr-ka.pem'



 SUPPLEMENTARY_REMOTE_P ARTY_KEY_AGREEMENT_CER TIFICATE

COVERAGE

1.1.2. Test Add MDR user to ECS22a Supplementary

IDR user to ECS22a Supplementary	/			
G4I-5305	TYPE	Functional	EXECUTION	Manual
Test ECS22a default iteration with Supplementary Remote				
DITIONS				
INPUT			OUTF	PUT
On GFI GUI, Create a new 'Emulate ECS22a for both ESME and SAPC. Device Type: ESME and SAPC	ed' test for	use case	iterations. Iteration 2	contains MDR1
Execute the emulated test.				
present, and the values are set:SUPPLEMENTARY_REMOTE_	_PARTY_II	D	TY_ID = 0x90B3D51 SUPPLEMENTARY	F30010009 REMOTE_PAR where N should
	G4I-5305 Test ECS22a default iteration of TION INPUT On GFI GUI, Create a new 'Emulate ECS22a for both ESME and SAPC. Device Type: ESME and SAPC Execute the emulated test. Open the report and check that the present, and the values are set: • SUPPLEMENTARY_REMOTE	TION Test ECS22a default iteration with Supple INPUT On GFI GUI, Create a new 'Emulated' test for ECS22a for both ESME and SAPC. Device Type: ESME and SAPC Execute the emulated test. Open the report and check that the following present, and the values are set: • SUPPLEMENTARY_REMOTE_PARTY_II	TION Test ECS22a default iteration with Supplementary Remover Index Ind	TION Test ECS22a default iteration with Supplementary Remote party set as MDR DITIONS INPUT Output On GFI GUI, Create a new 'Emulated' test for use case ECS22a for both ESME and SAPC. Device Type: ESME and SAPC Execute the emulated test. Execution report is gotherations show as 'P Open the report and check that the following fields are present, and the values are set: SUPPLEMENTARY_REMOTE_PARTY_ID SUPPLEMENTARY_ SUPPLEMENTARY

1.1.3. Test Add MDR user to ECS66 Supplementary

Test Add MDR user to ECS66 Supplementary						
KEY	G4I-5306	TYPE Functional	EXECUTION M	anual		
DESCRIPTION Test ECS66 default iteration with Supplementary Remote party set as MDR.						
PRECONDITIONS						



STEP	INPUT	OUTPUT		
1	On GFI GUI, Create a new 'Emulated' test for use case ECS66 for devices ESME and SAPC. Device Type: ESME and SAPC	The test is created with all of the default iterations. Iteration 4 contains MDR1 as a Supplementary Remote Party.		
2	Execute the emulated test.	Execution report is generated and all iterations show as 'Pass'.		
	Open the report and check that the following fields are present and the values are set:	SUPPLEMENTARY_REMOTE_P ARTY_ID = 0x90B3D51F30010009		
	 SUPPLEMENTARY_REMOTE_PARTY_ID 	SUPPLEMENTARY_REMOTE_P		
3	SUPPLEMENTARY_REMOTE_PARTY_COUNT ER	ARTY_KEY_AGREEMENT_CERT IFICATE = <30 82 01 F6 EC C4 AA 6E>		
	SUPPLEMENTARY_REMOTE_PARTY_KEY_AG REEMENT_CERTIFICATE	*KA stored at: '/opt/gfi/conf/smki/org/org- ee/cert/mdr-ka.pem'		

COVERAGE

1.1.4. Test Include MDR User certificate on GFI

Test Includ	e MDR User certificate on GFI					
KEY	G4I-5307	TYPE	Functional	EXECUTION	Manual	
DESCRIPT	Test that MDR User cer	ificate is present	on /opt/gfi/conf/sr	nki/org/org-ee/cert/.		
PRECONE	DITIONS					
STEP	-	NPUT		OL	JTPUT	
_	Check that all of the MDR cert	ficates are instal	led on GFI			
1	/opt/gfi/conf/smki/org/org-ee/ce /opt/gfi/conf/smki/org/org-ee/ce /opt/gfi/conf/smki/org/org-ee/ke /opt/gfi/conf/smki/org/org-ee/ke	gfi/conf/smki/org/org-ee/cert/mdr-ds.pem gfi/conf/smki/org/org-ee/cert/mdr-ka.pem gfi/conf/smki/org/org-ee/csr/mdr-ds.csr gfi/conf/smki/org/org-ee/csr/mdr-ka.csr gfi/conf/smki/org/org-ee/key/mdr-ds.key gfi/conf/smki/org/org-ee/key/mdr-ka.key		paths are	All of the certificate file paths are present on the GFI installation.	
	Verify the content of the files w	rith md5sum.				
2	(md5sum 3054875ce17b9b2319831213 ee/cert/mdr-ds.pem (md5sum 424f5f08e46e060f486e6d73a0 ee/cert/mdr-ka.pem (md5sum	, , ,	fi/conf/smki/org/ fi/conf/smki/org/	Md5sum should mat	of each file ch.	
	7ecba866c144359b4371394ff	I7bdba3) /opt/g	fi/conf/smki/org/	org-		



ee/csr/mdr-ds.csr (md5sum 34ebbd2af3c3ed3b82a83ee1120f5331) /opt/gfi/conf/smki/org/org-ee/csr/mdr-ka.csr (md5sum 25afd38e24933f7a106f023eeab450ba) /opt/gfi/conf/smki/org/org-ee/key/mdr-ds.key (md5sum 4bfedecbef1e6219905489075122bee1) /opt/gfi/conf/smki/org/org-ee/key/mdr-ka.key

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1.1.5. Test Update LoadController certificates

KEY	G4I-5308	TYPE	Functional	EXECUTION	Manual	
DESCRIP	TION Test that updated LoadContro	oller certifica	ites are present	on /opt/gfi/conf/smki	org/org-ee/	cert/.
PRECON	DITIONS					
STEP	IN	IPUT			OUTPU	Т
1	Check that all of the loadController of /opt/gfi/conf/smki/org/ZAZ1/cert/Z1-lo /opt/gfi/conf/smki/org/ZAZ1/cert/Z1-lo /opt/gfi/conf/smki/org/ZAZ1/key/Z1-lo	oadControll oadControll oadControll	er-ds.pem er-ka.pem er-ds.key	r F	All of certificate paths present on GFI installat	
	Verify the content of the files with moderate (md5sum 2234d23e832a3671324ceadbc95d2cloadController-ds.pem (md5sum 738b65fa477839b1871db2e34d71b6	cc0) /opt/g	J	ZAZ1/cert/Z1-	Md5sum of ea	
2	loadController-ka.pem (md5sum a3e76f6b80d0364f6319a24d32d9aad loadController-ds.key (md5sum 22ace875f0297600b3c99f206f2e6efa loadController-ka.key	81) /opt/g	fi/conf/smki/org. fi/conf/smki/org.	f r /ZAZ1/key/Z1-	ile s natch.	hould



