

## Top 5 IBM i Security Vulnerabilities



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General	Guest user ID:		
Advanced	Authentication method: Allow authentication with LAN Manager pa	Encrypted passwords	Suggested approach:
Security	Require clients to sign requests:	Optional	<ul> <li>Set *PUBLIC to</li> </ul>
WINS Configuration	Encrypt connections:	Optional	*EXCLUDE
	Authorization List:		- Only authorize users
	Collapse Next Start		who have a
	Guest user ID:		business need to
	Authentication method:	Encrypted passwords $\checkmark$	map a drive
	Allow authentication with LAN Manag	er password hash	Demonstration
	Require clients to sign requests:	Optional V	Remember:
	Encrypt connections:	Optional 🗸	"ALLOBJ provides
C NEW!	Authorization List:	I	access
	Reset to Current Save		
	Reset to Current Save		

Sec		Shares with an Authorization List
NEW	General IBM i Support for Windows Netw Share name: Description: Access: Encryption required: Authorization List: Bath name:	rork Neighborhood PAYROLL Upload payroll to processor Read/Write NO SHARE1
Unlik - *L - *C - At Make SECURITY	te share for NetServer, au JSE to autl restricts acces CHANGE or greater (or *A uthorities to underlying sha e authorization list name a SYS2.SERVER_SHARE_	thority granted has meaning!!! s to Read-only LLOBJ) grants Read/Write ared objects still apply and description meaningful as it secures no objects _INFO enhanced to include name of authorization list





















	F	assword	Level (QPWDLVL) – IBM i 7.4 and earlier
		System value	
		0	Default Character set: A-Z, 0-9, \$, @, # and _ Maximum length: 10
	-	1	Same as level 0 but gets rid of old NetServer password- Safe to move if you are not using NetServer or not connecting with Windows 95, 98, ME or Windows 2000 server – end users will see no difference
		2	Character set: Upper / lower case, all punctuation and special characters, numbers and spaces Maximum length: 128 Keeps NetServer password, encrypts with old and new algorithms Sign on screen changed to accommodate longer password, CHGPWD and CRT/CHGUSRPRF pwd field changed
	-	3	Same as level 2, gets rid of old encrypted password and old NetServer password Safe to move if you are not using NetServer or not connecting with Windows 95, 98, ME or Windows 2000 server – end users will see no difference
DRR			Changes require an IPL Move to level 2 prior to moving to 3. At level 2, can sign on with a password that's ALL CAPS or all lower until password is changed. *** User education required!***

	System value	
	0/1	Default Character set: A-Z, 0-9, \$, @, # and _ Maximum length: 10 LanMan password not stored at ANY level
	2	Character set: Upper / lower case, all punctuation and special characters, numbers and spaces Maximum length: 128 Encrypts with old and new algorithms to accommodate both levels 0/1, 2/3 and 4 Sign on screen changed to accommodate longer password, CHGPWD and CRT/CHGUSRPRF pwd field changed
	3	Same as level 2, gets rid of old encrypted password Level 4 password generated and retained
NEW!	4	Stronger algorithm to store password hash. Only version stored is the one that works at level 4

Password hashes	Password hashes	Password hashes	Password hash
generated at	generated at	generated at	generated at
QPWDLVL 0/1	QPWDLVL 2	QPWDLVL 3	QPWDLVL 4
All uppercase All lowercase Regardless of what the user types (CaroL) the password is folded: CAROL carol	<ul> <li>Password no longer folded for authentication</li> <li>Used for authentication: Mixed case – Level 2/3</li> <li>Hashes generated when password is changed:</li> <li>Mixed case – Level 2/3</li> <li>All uppercase</li> <li>All lowercase</li> <li>Mixed case – Level 4</li> </ul>	Used for authentication: Mixed case – Level 2/3 Hashes generated when password is changed: - Mixed case – Level 2/3 - Mixed case - Level 4	Level 4 version on







Special Authority	Definition
*AUDIT	Auditing configuration
*IOSYSCFG	Communications configuration and management, creation of file shares
*JOBCTL	Management of any job on the system
*SAVSYS	Ability to save and restore any object on the system – or the entire system regardless of authority to the object
*SECADM	Create/Change/Delete user profiles
*SERVICE	Ability to use Service Tools
*SPLCTL	Access to every spooled file on the system regardless of authority to the outq
*ALLOBJ	Access (All authority) to EVERY object on the system!!!!





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		descriptio	n. User profiles with def	fault nass	words					
	sele	select USER NAME, STATUS, PASSWORD EXPIRATION INTERVAL, SPECIAL AUTHORITIES, GROUP PROFILE NAME, SUPPLEMENTAL GROUP_LIST, LAST USED_TIMESTAMP, CRFATTON ITHESTAMP, USER CRFATOR. TEXT DESCRIPTION								
	fr	om asvs2.u	Iser info	.,						
	Whe	ere USER_L	JEFAULT_PASSWORD = YES							
	ore	der by sta	itus;							
			PASSWORD EXPTRATION INTERVAL				CROUP PROETLE NAME	SUDDI EMENTAL COOLD LITST	LAST USED T	
	SER NAME		TASSIOND_EXPINATION_INTERVAL				dROOF_FROFILE_MARE	SOFF ELHENTAL_GROOF_EIST	EKST_05ED_	THESTAHL
	oen_none	STATUS	Password				Group	Supplemental	Last	
4	uthorization		Expiration				Profile	Group	Used	
Na	ame	Status	Interval	SPECIAL_AU	THORITIES		Name	List	Timestamp	
30	0AT	*DISABLED		0 <null></null>			*NONE	<null></null>	<null></null>	
÷	RED	*DISABLED	(	0 <null></null>			MYGROUP	<null></null>	<null></null>	
11	YSQL	*DISABLED	(	0 <null></null>			*NONE	<null></null>	2022-05-12	00:00:00.
	UIUSR03	*DISABLED	(	0 <null></null>			*NONE	<null></null>	<null></null>	
ગ		*DISABLED	(	0 <null></null>			*NONE	<null></null>	2022-04-23	00:00:00.
ય ગ	YLAB				*SECADM	*JOBC	*NONE	<null></null>	2022-05-15	00:00:00.
મ ગ ગ	YLAB UPERUSER	*DISABLED	(	*ALLOBJ	A JE CADIT			HIVEL!	LOLL OU LU	





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System Values: Pass	word	×
General	Password level (current):	
Validation 1	Long passwords using an unlimited character set (3) *	
Validation 2	Password validation options (QPWDRULES):	
Expiration	Use the validation system values on the Validation 1 tab Use the following validation rules. Certain corresponding system values on the Validation 1 tab will be ignored.  Password Lengths:  Minimum length (1-128) (QPWDMINLEN): 1 - 128 Maximum length (1-128) (QPWDMAXLEN): 1 - 128 Characters may be used more than once  Require a new character in each position from previous password Restrict user profile in password Require a new character in each position from previous password Require a new character in each position from previous password Require a new character in each position from previous password Require a new character in each position from previous password Require a new character in each position from previous password Require a new character in lowercase and uppercase letters (0-9):	~~~







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### Security Auditing

	TG	CENTRAL				[en]	ADMIN
1 Dashboard		Reports			+ A	dd 🏾 🞜 Refresh	🛎 Import
L Server Management	<	Show 50 v entries			Search		Q
Servers		Category Report Name	Collector ID	Collector	Built- in	Platform	
Server Groups		Resource Customer Master Data	Database_Content	Database Content	Ν	IBMi	Action -
Rules	~	Resource Customer Master DB Changes	Database_Auditing	Database Changes	Ν	IBMi	Action -
Groups	~	Configuration Access Control List Changes	Journal_VA	Access Control List Changes	Y	IBMi	Action -
Sloups		Configuration Actions that Affect a Job are Audited	System_Values	System Value Information	Y	IBMi	Action -
Calendar		Configuration Active Job Information	QSYS2.ACTIVE_JOB_INFO	Active job information	Y	IBMi	Action -
Reporting	<	Configuration Adopting Authority from a Program Owner is Audited	System_Values	System Value Information	Y	IBMi	Action -
Reports		Configuration All Deletions of External Objects on the System are Audited	System_Values	System Value Information	Y	IBMi	Action -
C Report Cards		Configuration All Object Creations are Audited	System_Values	System Value Information	Y	IBMi	Action -
-		Configuration All Optical Functions are Audited	System_Values	System Value Information	Y	IBMi	Action -
Activity		Configuration All Security Functions are Audited	System_Values	System Value Information	Y	IBMi	Action -
Real-time Events	<	Configuration Alternate Subsystem Configurations	QSYS2.SERVER_SBS_ROUTING	Alternate Subsystem Configurations	Y	IBMi	Action -
Network Activity		Configuration Attention Events are Audited	System_Values	System Value Information	Y	IBMi	Action -
		Configuration Auditing End Action set to Power Down System	System_Values	System Value Information	Y	IBMi	Action -
R Detect Activity		Configuration Authority Changes to Restored Objects	Journal_RA	Authority Changes to Restored Objects	Y	IBMi	Action -
¢\$ Alert		Configuration Authorization Failures are Audited	System_Values	System Value Information	Y	IBMi	Action -
🗲 Admin	<	Configuration Certificate Details	Keystore_Data	Keystore Data	Y	IBMi	Action -
		Configuration Certificates Expired	Keystore_Data	Keystore Data	Y	IBMi	Action -

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12	TRINITY
4	GUARD

### TGCENTRAL

[en]	8	ADMIN	2	-
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Action -

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Dashboard		Reports			
A Server Management	<	Show 50	✓ entries		
Servers		Category	Report Name	Collector ID	Collector
📽 Server Groups		Configuration	Access Control List Changes	Journal_VA	Access Control List Changes
Rules	~	Configuration	Authority Changes to Restored Objects	Journal_RA	Authority Changes to Restored Objects
😻 Groups	~	Configuration	Change Request Descriptor Changes	Journal_CQ	Change Request Descriptor Changes
		Configuration	Cryptographic Configuration Changes	Journal_CY	Cryptographic Configuration Changes
E Calendar		Configuration	EIM Attribute Changes	Journal_AU	EIM Attribute Changes
Reporting	<	Configuration	Environment Variable Changes	Journal_EV	Environment Variable Changes
Reports		Configuration	Job Descriptions that Contain User Profile Names were Restored	<mark>Journal</mark> _RJ	Job Descriptions that Contain User Profile Names were Restored
C Report Cards		Configuration	Journal Monitor Alerts	Det_JrnMon_Alerts	Journal Monitor Alerts
		Configuration	Journal Monitor Rules	Det_JrnMon_Rules	Journal Monitor Rules
i≡ Activity		Configuration	Journal Monitor Rules for SIEM	Det_Jrn_SIEM_Rules	Journal Monitor Rules for SEIM
🚠 Real-time Events	<	Configuration	Journal and Remote Journal Information	QSYS2.JOURNAL_INFO	Journal and Remote Journal Information
Setwork Activity		Configuration	Key Ring File Changes	Journal_KF	Key Ring File Changes
*** Dotoot Activity		Configuration	Object Auditing Attribute Changes	Journal_AD	Object Auditing Attribute Changes
We Delect Activity		Configuration	Primary Group Changes for Restored Objects	Journal_RZ	Primary Group Changes for Restored Objects
😂 Alert		Configuration	Program Changes to Adopt Owner Authority	Journal_PA	Program Changes to Adopt Owner Authority
📕 Admin	<	Configuration	Programs Restored that Adopt Owner Authority	Journal_RP	Programs Restored that Adopt Owner Authority
		Configuration	Programs that Adopt Authority were Executed	Journal_AP	Programs that Adopt Authority were Executed

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	TG	CENTRAL					[en]	
Dashboard		Reports					🕇 Add 🔀 Rei	iresh 🛛 🛎 Import
A Server Management	<	Show 50	<ul> <li>entries</li> </ul>				sign	Q
Servers		Category	Report Name	Collector ID	Collector	Built-in	Platform	
Server Groups		Network	Asynchronous Signals Processed	Journal_SG	Asynchronous Signals Processed	Y	IBMi	Action -
		Network	Remote Sign-on Control	System_Values	System Value Information	Y	IBMi	Action -
Rules	~	Network	Signon Server Transactions Report	Network_Trans_Signon	Network Transactions Signon	Y	IBMi	Action -
🚰 Groups	~	Profile	Disable Profile After Maximum Failed Signon Attempts	System_Values	System Value Information	Y	IBMi	Action -
Calendar		Profile	Invalid Sign-on Attempts	Journal_PW	Invalid Sign-on Attempts	Y	IBMi	Action -
		Resource	Maximum sign-on attempts allowed is NOMAX	System_Values	System Value Information	Y	I 👁 View D	etails
Reporting	<	First 1 La	ist				C Alerting	l
Reports							ピ Copy	
							► Run Re	port
Report Cards							Add to 3	Schedule
E Activity							Email F	leport
A Real-time Events	<							
Network Activity								

Content Activity

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				Invalid Sign-on Atte	empts		×				
Dashboard		Reports		Server Name	Select server					+ Add 🗘 Ref	resh 본 Import
Server Management	<	Show 50	<ul> <li>entries</li> </ul>	TGSE1.TRINIT	YGUARD.COM		~		sig	n	Q
Servers		Category	Report Na	TGSE1.TRINIT Froi TGQE5.TRINIT	YGUARD.COM YGUARD.COM				Built-in	Platform	
🎕 Server Groups		Network	Asynchronou	:GEO1			nals	s Processed	Y	IBMi	Action -
-		Network	Remote Sign	Erom Time	To Time		rma	ition	Y	IBMi	Action -
Rules	Ť	Network	Signon Serve	From time	10 1111		ons	<mark>Sign</mark> on	Y	IBMi	Action -
Groups	~	Profile	Disable Profil		~	~	rma	ition	Y	IBMi	Action -
Calendar		Profile	Invalid <mark>Sign</mark> -c				iemp	pts	Y	IBMi	Action -
	1	Resource	Maximum <mark>sig</mark>	<b>* *</b>	*	*	rma	ition	Y	IBMi	Action -
Reporting	<sup>×</sup>	First 1 La	st	User Name							
Reports				C *ALL							
C Report Cards											
Activity						Cancel	Now				
Real-time Events	<										
Network Activity											

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Special date values make it easy to automate scheduling



GCentral		×		nvalid Sign-	on Attem	ots	×   +										$\sim$	_	
$\rightarrow$ C .	A Not secu	ure   h	<del>ttps</del> ://17	2.17.178.8	2/#/activ	/ity									Q	2 2	*	G	
🔟 GUAR	d 🗳			AL													feni	Ŭ	
				Invalid	Sign	on At	tempts	For Us	ser: *ALL F	From: 0	30123 00	0:00 To	): <b>04</b> 18	23 23	:59				0
					TGSE	1	AD	MIN	2023-	-04-18		03:25:52				Sea	arch		Q
Timestamp of entry	Name of job	Name of user	Number of job	Name of program	User profile	System name	Remote address	Length of specific data	P-Pwd, U-User name, A-APPC, D- DST user, E-DST Pwd	User profile	Device name	Remote location name	Local location name	Network ID	Name of object	Library	Object type	ASP name	ASP numbe
2023-03-06- 11.17.46.459072	QTFTP00037	QTCP	322033	QTMFSRVF	QTCP	TGSE1	10.11.12.34	118	Р	PMB	*N								
2023-03-09- 16.59.22.022864	QINTER	QSYS	321965	QLESPI	QSYS	TGSE1	10.11.12.33	118	Р	PMBTEST2	QPADEV0006								
2023-03-09- 16.59.25.388336	QINTER	QSYS	321965	QLESPI	QSYS	TGSE1	10.11.12.33	118	Р	PMBTEST2	QPADEV0006								
2023-03-21- 09.28.30.277328	QINTER	QSYS	321965	QLESPI	QSYS	TGSE1	10.11.12.39	118	Р	PMB	QPADEV0001								
2023-04-18- 02.07.20.845808	QINTER	QSYS	321965	QLESPI	QSYS	TGSE1	10.11.12.33	118	U	PMBASIC	QPADEV0002								
Previous 1 Ne	ext															5	0 🗸	ntries	1 to 50 /
🕫 Alert			SCHEDU	LE OPT	GSE1.TRIN	ITYGUARE	).COM	🗅 Sarbar	nes-Oxley			2023-	02-28 14:48	Rep	ort Card	Com	pleted	Action -	
Admin	<		SCHEDU	LE 🔅 T	GSE1.TRIN		).COM	C Sarbar	nes-Oxley			2023-	02-28 14:44	Rep	ort Card	Com	oleted	Action -	
Users			SCHEDU	LE OPT	GSE1.TRIN	ITYGUARE	).COM	🗅 Sarbar	nes-Oxley			2023-	-02-28 14:38	Rep	ort Card	Com	pleted	Action -	



### Invalid Sign-on Attempts - help

This report displays password validation failures. The data related to this report is retrieved from the system security audit journal (QAUDJRN). The journal entry type associated with this event is PW.

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Types of entries:

- A APPC bind failure.
- C User authentication with the CHKPWD command failed.
- D Service tools user ID name not valid.
- E Service tools user ID password not valid.
- P Password not valid.
- **Q** Attempted sign-on (user authentication) failed because user profile is disabled.
- R Attempted sign-on (user authentication) failed because password was expired. This audit record might not occur for some user authentication mechanisms. Some authentication mechanisms do not check for expired passwords.
- **S** SQL Decryption password is not valid.
- U User name not valid.
- **X** Service tools user ID is disabled.
- Y Service tools user ID not valid.
- Z Service tools user ID password not valid.
- PASS = PW Journal entries were not found in QAUDJRN.
- FAIL = PW Journal entries were found in QAUDJRN.
- For PW journal entries to be generated, the QAUDLVL system value must contain \*AUTFAIL.

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	ITY RD				PCI DSS 4.0	)			
			TGSE1	ADMIN	2022-11-30	11	1:37:45		
Category	Regulation	Report	Name		Number of V	iolations	Exceptions	Pass/Fail Status	Status
Profile	10.7.3.B	Authority F	ailures		1861			Fail	Completed
Network	11.4	Intrusion M	Ionitor Events		0			Pass	Completed
Profile	10.2.1.4	Invalid Sig	n-on Attempts		2			Fail	Completed
Network	1.1.2	Secure So	cket Connections		0			Pass	Completed
Configuration	10.6.3.B	System Va	lues Changes		694			Fail	Completed
Resource	10.9	Network R	esource Accesses		0			Pass	Completed
Network	1.1.2	Server Ses	ssions Started or En	ded	0			Pass	Completed
Profile	11.3.1.3	Blueprint N	Ion-Compliance Use	er Profiles	21			Fail	Completed
Configuration	3.6	Certificate	Details		0			Pass	Completed
Configuration	12.10.5	Command	Monitor Rules		4			Fail	Completed
Configuration	12.10.5	Journal Mo	onitor Rules		10			Fail	Completed
Configuration	12.10.5	Message (	Queue Rules		69			Fail	Completed
Network	12.10.5	SIEM Activ	vity		0			Information Only	Completed
Profile	2.2.2	Enabled IE	3M Profiles		52			Fail	Completed
Network	1.5.1	Exit Point	Configuration Repor	t	29			Fail	Completed
Network	11.5	Exit Point	Configuration Chang	jes	1			Fail	Completed
Network	8.2.8	ISL Config	uration Settings		1			Fail	Completed

### **TGFree Security Assessment**

			TGSE1	ADMIN	2	023-02-28	14	:22:06		
Category	Regulation	Report	Name			Number of Vio	ations	Exceptions	Pass/Fail Status	Status
Resource		Authorizati	on Lists with Public	Access		7			Fail	Completed
Profile		Group Pro	files with Passwords	;		1			Fail	Completed
Resource		Integrated	File System Security	y		0			Pass	Completed
Network		NetServer	shares			4			Fail	Completed
Network		Network C	onnection Details			68			Information Only	Completed
Profile		User Profil	es Not Used in 90 D	ays		22			Fail	Completed
Profile		Powerful U	Iser Profiles			18			Fail	Completed
Profile		User Profil	e = Password			18			Fail	Completed
Resource		Allow Obje	ect Restore Option			1			Fail	Completed
Resource		Allow User	Domain Objects in	Libraries		1			Fail	Completed
Configuration		System, U	ser, and Object Audi	ting Control Configu	iration	0			Pass	Completed
Configuration		Attention E	Events are Audited			0			Fail	Completed
Configuration		Authorizati	on Failures are Aud	ted		1			Pass	Completed
Configuration		All Object	Creations are Audite	d		1			Pass	Completed
Configuration		All Deletion	ns of External Objec	ts on the System are	e Audited	1			Pass	Completed
Configuration		Actions the	at Affect a Job are A	udited		0			Fail	Completed
Configuration		Networking	g and Communicatio	ns Functions are Au	udited	0			Fail	Completed

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### User Profile = Password For User: \*ALL

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				TGSE1	ADMIN		2023-02-28		14	:38:48	Search Q
User Profile Name	User class	Status	Limited capability	Password change date: YYMMDD	Previous sign-on date: YYMMDD	Verifications not valid	Owner	Group profile	Group authority	Text description	Special authorities
ARPPGMR	*PGMR	*ENABLED	*NO	190808	190816	0	*USRPRF	*NONE	*NONE		*NONE
ARP1	*USER	*ENABLED	*NO	180420	181029	0	*USRPRF	*NONE	*NONE		*NONE
AVG	*SECOFR	*ENABLED	*NO	160712	220826	0	*USRPRF	*NONE	*NONE	Arturo Villarroel	*ALLOBJ *AUDIT *IOSYSCFG *JOBCTL *SAVSYS *SECADM *SERVICE *SPLCTL
DUTCH	*SECOFR	*ENABLED	*NO	200601	201122	0	*USRPRF	*NONE	*NONE	Dutch SP	*ALLOBJ *AUDIT *IOSYSCFG *JOBCTL *SAVSYS *SECADM *SERVICE *SPLCTL
DUTCH1	*USER	*ENABLED	*NO	200706	200706	0	*USRPRF	*NONE	*NONE	Dutch SP	*NONE
GRACE	*SECOFR	*ENABLED	*NO	200601	220325	0	*USRPRF	*NONE	*NONE	Grace	*ALLOBJ *AUDIT *IOSYSCFG *JOBCTL *SAVSYS *SECADM *SERVICE *SPLCTL
KAPILA	*SECOFR	*ENABLED	*NO	180926	221014	0	*USRPRF	*NONE	*NONE	Kapila	*ALLOBJ *AUDIT *IOSYSCFG *JOBCTL *SAVSYS *SECADM *SERVICE *SPLCTL
PMBBASIC	*USER	*ENABLED	*NO	220705	221018	0	*USRPRF	*NONE	*NONE	Test profile - no spcaut	*NONE
PMBGRP	*USER	*ENABLED	*NO	220408		0	*USRPRF	*NONE	*NONE		*NONE
PMBMYUSR	*SECOFR	*ENABLED	*NO	220913	220913	0	*USRPRF	*NONE	*NONE		*ALLOBJ *AUDIT *IOSYSCFG *JOBCTL *SAVSYS
Previous 1	Next		*	-			-				50 v entries 1 to 50 / 18

ConfigurationAll Deletions of External Objects on the System are Audited1PassCompletedConfigurationActions that Affect a Job are Audited0FailCompletedConfigurationNetworking and Communications Functions are Audited0FailCompleted

d a	TRIN		INTRA																			en] 😧	ADMIN
Ī	<u> </u>	INITY JARD				Custo	omer Mas	ter DB (	Changes I	For: FIN/	ANCE/C	USTMA	ST From:	090122 00:	00 To: 1	01822 2	3:59						×
B C							TGSE1		ADMIN			2022-10-18		11:	:20:41						Search		Q
									Color references	Record Added	Record Delete	Update Befor	Update After										
<b>6</b> C	Entry Type	Timestamp of Entry	Name of Job	Name of User	Number of Job	Name of Program	Program Library	Name of Object	Objects Library	Name of Member	User Profile	System Name	REMOTE ADDRESS	Customer Name	Customer ID	Contact Name	Phone Number	Street Address	City	State	Zip Code	Account Balance	-
	UB	2022-09-08- 10.41.19.064000	QPADEV0001	PMB	506254	QDZTD00001	*OMITTED	CUSTMAST	FINANCE	CUSTMAST	PMB	TGSE1		AAA Hospital Supplies	104	Jill Rodriguez	545-344-8989	7899 Wharton Ave	Littletown	WI	33800	7700	
į F	UP	2022-09-08- 10.41.19.064000	QPADEV0001	РМВ	506254	QDZTD00001	*OMITTED	CUSTMAST	FINANCE	CUSTMAST	PMB	TGSE1		AAA Hospital Supplies	104	Joan Rodriguez	545-344-8989	7899 Wharton Ave	Littletown	WI	33800	7700	
	UB	2022-09-14- 21.25.31.809232	QPADEV0002	PMB	518017	QDZTD00001	*OMITTED	CUSTMAST	FINANCE	CUSTMAST	PMB	TGSE1		AAA Hospital Supplies	104	Joan Rodriguez	545-344-8989	7899 Wharton Ave	Littletown	WI	33800	7700	
C	UP	2022-09-14- 21.25.31.609232	QPADEV0002	РМВ	518017	QDZTD00001	*OMITTED	CUSTMAST	FINANCE	CUSTMAST	PMB	TGSE1		abc Hospital Supplies	104	Joan Rodriguez	545-344-8989	7899 Wharton Ave	Littletown	WI	33800	7700	
	UB	2022-09-14- 21.28.07.119200	QPADEV0002	PMB	518017	QDZTD00001	*OMITTED	CUSTMAST	FINANCE	CUSTMAST	PMB	TGSE1		abc Hospital Supplies	104	Joan Rodriguez	545-344-8989	7899 Wharton Ave	Littletown	WI	33800	7700	
L F	UP	2022-09-14- 21.28.07.119200	QPADEV0002	РМВ	518017	QDZTD00001	*OMITTED	CUSTMAST	FINANCE	CUSTMAST	PMB	TGSE1		abc Hospital Supplies	104	Joan Rodriguez	545-344-8989	7899 Wharton Ave	Littletown	WI	33800	7000	
A 4	UB	2022-10-07- 10.53.21.971104	QZDASOINIT	QUSER	838502	QZDASOINIT	*OMITTED	CUSTMAST	FINANCE	CUSTMAST	PMB	TGSE1		ABC Company	100	Jack Phillips	555-231-7890	8500 Main St	Bellevue	тх	77056	30000	
	UP	2022-10-07- 10.53.21.971104	QZDASOINIT	QUSER	838502	QZDASOINIT	*OMITTED	CUSTMAST	FINANCE	CUSTMAST	PMB	TGSE1		ABC Company	100	Jack Phillips	555-231-7890	8500 Main St	Bellevue	ТΧ	77056	100000	-
	Previous	1 Next	-	-			-	-	-	-	-			-	-	-				Ĺ	50 🗸	entries 1 to	50 / 12

## ACCESS TO DATA => IFS / Object-level Schemas

TGSE1 PMB	Wo	rk with Au	thority Sch	ema Detail				4/17/2023 2:54:47
Schema ID : PMBIFS Description. : PMB IFS								
2=Edit 3=Copy 4=Delete 5=Display								
File Path or Opt Sys ASP	Library	Object Name	Object Type	Object Owner	Auth List	User Object	Auth	Exception
<pre>*IFS /home/pmb *IFS /home/pmb *IFS /home/pmb</pre>				TGOWNER TGOWNER TGOWNER	TGAUTL TGAUTL TGAUTL	*PUBLIC PMB TGOWNER	*EXCLUDE *RWX *RWX	**N0 **N0 **N0
F1=Help F3=Exit F6=Create F7=Report	F8=Subset	F10=Sort	F12=Cancel					Bottom
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	RINITY						Auth	hority	Com	olianc	e Re	port(E	Enfor	cem	ent=*N	10)						<b>8</b> ×
					то	SSE1		A	OMIN		202	23-04-18			02:34:	10				Search		Q
					-		-	Color re	eferences:	Object curr	ent value	Schema ex	xpected val	ue		-	-					
Schema ID	Out of Compliance Reason	File System	IFS Path	Auxiliary Storage Pool	Library Name	Object Name	Object Type	Authority List	Schema Authority List	Program Adopt	Schema Program Adopt	Program Adopt Users	Schema Program Adopt Users	Object Owner	Schema Object Owner	Object Primary Group	Schema Object Primary Group	User Inheritance Group	User Name	Schema User Name	Object Authority	Sche Obje Autho
PMBIFS	Object owner does not match schema default. It should be TGOWNER	*IFS	/home/pmb/.					*NONE	TGAUTL					PMB	TGOWNER	*NONE	*SAME					
PMBIFS	Object authorization list does not match schema default. It should be TGAUTL	*IFS	/home/pmb/.					*NONE	TGAUTL					PMB	TGOWNER	*NONE	*SAME					•
Previous	1 Next		I		1															50 🗸	entries <b>1</b>	▶ to 50 / 42
Blue	prints		SCHEDU	LE 🔅 T	GSE1.TR	NITYG	JARD.C	OM	🗅 Sarban	es-Oxley					2023-02-2	28 14:44	Repor	t Card C	completed	Action -		

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		Authority	Compliance Report(E	nforcement=*NO)		8
		TGSE1 A	DMIN 2023-04-18	02:34:10		Search Q
should be		Color r	eferences: Object current value Schema exp	bected value		
PMBIFS Object data authority for user does not match schema default. It should be *EXCLUDE	*IFS /home/pmb/.	*NONE	TGAUTL	PMB TGOWNER *NONE *SAME	*PUBLIC *F	UBLIC *RWX *EXCL
PMBIFS Object *I management authority for user does not match schema default. It should be removed	*IFS /home/pmb/.	*NONE	TGAUTL	PMB TGOWNER *NONE *SAME	*PUBLIC *F	UBLIC *RWX *EXCL
Previous 1 Next						50 ✓ entries 1 to 50 / 4
Blueprints	SCHEDULE	TGSE1.TRINITYGUARD.COM	C Sarbanes-Oxley	2023-02-28 14:44 Report Car	rd Completed	Action -

ACCESS TO DATA => Network Security

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2 Dashboard		Network Act	tivity									★ Reset Filter ▼ Filter	C Refresh(53)
A Server Management	<	Show 50	∽ entr	ies								Search	Q
Servers		Server	Туре	User	OP Server	Function	SSL	Client IP	Count	Action	Object Details	Timestam	Show -
Server Groups		TGSE1	*TRN	PMB	FTPSRV	SEND	N/A	10.11.12.33	4	*PASS	/finance/Payroll.txt	2023-04-18- 03.12.36	Action -
Rules	×	TGSE1	*TRN	PMB	FTPSRV	LIST	N/A	10.11.12.33	1	*PASS	/finance	2023-04-18- 03.06.13	Action -
<ul> <li>Job Activity Monitor</li> <li>Network Security</li> </ul>	<	TGSE1	*TRN	PMB	FTPSRV	CD	N/A	10.11.12.33	1	*PASS	/finance	2023-04-18- 03.05.57	Action -
Socket Rules		TGSE1	*TRN	PMB	FTPSRV	CD	N/A	10.11.12.33	1	*PASS	/financ	2023-04-18- 03.05.52	Action -
Remote Exit Rules		TGSE1	*TRN	PMB	FTPSRV	LIST	N/A	10.11.12.33	1	*PASS	QSYS/QGPL.LIB	2023-04-18- 03.05.31	Action -
Exit Point Config		TGSE1	*TRN	PMB	FTPSRV	LOGON	N/A	10.11.12.33	2	*PASS		2023-04-18- 03.02.17	Action -
Defaults		TGSE1	*TRN	QTCP	FTPSRV	INIT	N/A	10.11.12.33	7	*PASS		2023-04-18- 03.02.12	Action -
<ul> <li>Access Escalation Mgmt</li> </ul>	. *	TGSE1	*SOC	QTCP	ftp		NO	10.11.12.33	7	*EXITLVL		2023-04-18- 03.02.11	Action -
Inactive Sess. Lockdown	~	TGSE1	*TRN	PMB	FILE	ALLOCON	N/A	10.11.12.33	15	*PASS		2023-04-18- 02.32.59	Action -
<ul> <li>User Profile Manager</li> </ul>	~	TGSE1	*TRN	ANONYMOUS	TELNET	INIT	N/A	10.11.12.33	54	*PASS		2023-04-18- 02.07.13	Action -
Detect Monitors	~	TGSE1	*TRN	PMB	RMTCMD	PROGRAM	N/A	10.11.12.33	23	*PASS	QSYS/QSYCKUFU.PGM	2023-04-18- 02.07.12	Action -
Detebace Energetion	~	TGSE1	*SOC	QUSER	as-rmtcmd		NO	10.11.12.33	41	*EXITLVL		2023-04-18-	Action -

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ashboard		Network Activit	у									🗙 Reset Filter 🗍 🏹 F	ilter 🛛 🎗
rver Management	~	Show 50	✓ entries									Search	
Julee	~	Comune.	Ture	Uses	00.00	Function	6.61	Clinet ID	Count	0		Timestana	
tures .		TORE4	тры	Oser	OF Server	Function	331	0.07.01.00	eso	Action	Unject Details	10052 04 49 42 07 02	-
<ul> <li>Job Activity Monitor</li> </ul>	~	TOOSE	1 BIN	PMD	FILE	LISTATT	IN/A	10.27.61.23	-	FA33		2023-04-16-13.07.03	A
Network Security	<	IGSET	"TRN	РМВ	FILE	LISTATI	N/A	10.27.81.23	/	PASS	/ InnityGuard	2023-04-18-13.07.02	A
Socket Dules		TGSE1	"TRN	РМВ	FTPSRV	LOGON	N/A	10.27.81.23	3	THAIL		2023-04-18-12.49.20	A
Socker rules		TGSE1	*TRN	QTCP	FTPSRV	INIT	N/A	10.27.81.23	3	*PASS		2023-04-18-12.49.14	A
Remote Exit Rules		TGSE1	*SOC	QTCP	ftp		NO	10.27.81.23	3	*EXITLVL		2023-04-18-12.49.14	A
Exit Point Config		TGSE1	*TRN	PMB	FTPSRV	SEND	N/A	10.27.81.23	1	*PASS	/finance/payroll.txt	2023-04-18-12.27.35	A
Defaulte		TGSE1	*TRN	PMB	FILE	OPEN	N/A	10.27.81.23	1	*PASS	/TrinityGuard/js/sorttable.js	2023-04-18-12.19.14	A
Delaulis		TGSE1	*TRN	PMB	FILE	OPEN	N/A	10.27.81.23	1	*PASS	/TrinityGuard/Images/help.jpg	2023-04-18-12.19.13	A
Access Escalation Mgmt.	~	TGSE1	*TRN	PMB	FILE	OPEN	N/A	10.27.81.23	1	*PASS	/TrinityGuard/Images/TG.jpg	2023-04-18-12.19.13	A
Inactive Sess. Lockdown	~	TGSE1	*TRN	PMB	FILE	OPEN	N/A	10.27.81.23	3	*PASS	/TrinityGuard/Reports/Sys_Val_Config_Sys_Val_Compliance_438937.html	2023-04-18-12.19.13	A
Desource Manager		TGSE1	*TRN	PMB	FILE	ALLOCON	N/A	10.27.81.23	2	*PASS		2023-04-18-11.18.35	A
resource manager		TGSE1	*soc	QSECOFR	sftp		YES	10.27.81.23	1	*EXITLVL		2023-04-18-10.38.34	A
User Profile Manager	~	TGSE1	*TRN	ANONYMOUS	TELNET	INIT	N/A	10.27.81.23	7	*PASS		2023-04-18-09.32.10	A
Detect Monitors	~	TGSE1	*TRN	ANONYMOUS	TELNET	INIT	N/A	10.11.12.33	56	*PASS		2023-04-18-05.46.00	A
Database Encryption	~	TGSE1	*TRN	PMB	FTPSRV	SEND	N/A	10.11.12.33	4	*PASS	/finance/Payroll.txt	2023-04-18-03.12.36	A
		TGSE1	*TRN	PMB	FTPSRV	LIST	N/A	10.11.12.33	1	*PASS	/finance	2023-04-18-03.06.13	A
roups	<b>~</b>	TGSE1	*TRN	PMB	FTPSRV	CD	N/A	10.11.12.33	1	*PASS	/finance	2023-04-18-03.05.57	A
alendar		TGSE1	*TRN	PMB	FTPSRV	CD	N/A	10.11.12.33	1	*PASS	/financ	2023-04-18-03.05.52	A
eporting	~	TGSE1	*TRN	PMB	FTPSRV	LIST	N/A	10.11.12.33	1	*PASS	QSYS/QGPL.LIB	2023-04-18-03.05.31	A
oporting		TGSE1	*TRN	PMB	FTPSRV	LOGON	N/A	10.11.12.33	2	*PASS		2023-04-18-03.02.17	
ctivity		TGSE1	*TRN	OTCP	FTPSRV	INIT	N/A	10.11.12.33	7	*PASS		2023-04-18-03.02.12	
eal-time Events	<	TGSE1	*500	OTCP	ftp		NO	10 11 12 33	7	*EXITI VI		2023-04-18-03 02 11	
Network Activity		TGSE1	*TRN	PMB	FILE	ALLOCON	N/A	10 11 12 33	15	*PASS		2023-04-18-02 32 50	A
Activity		TOPE	ATON	PMD	DATONS	RECOCON	N/A	10.11.12.55	22	*0400		2023-04-10-02.32.39	A
Detect Activity		TGSE1	TRN	PMB	RMTCMD	PROGRAM	N/A	10.11.12.33	23	TPASS	WETERSTORUFU.PGM	2023-04-18-02.07.12	A
Alert		TGSE1	*SOC	QUSER	as-rmtcmd		NO	10.11.12.33	41	*EXITLVL		2023-04-18-02.07.11	A
Imin	~	TGSE1	*SOC	QUSER	as-signon		NO	10.11.12.33	73	*EXITLVL		2023-04-18-02.07.11	A
		TGSE1	*TRN	PMB	FILE	OPEN	N/A	10.11.12.33	1	*PASS	/TrinityGuard/Reports/Journal_DS_BASE_431269.json	2023-04-17-23.47.35	A
		TGSE1	*TRN	PMB	FILE	LISTATT	N/A	10.11.12.33	26	*PASS	/TrinityGuard	2023-04-17-23.47.34	A
		TGSE1	*TRN	PMB	FILE	LISTATT	N/A	10.11.12.33	1664	*PASS	/TrinityGuard/Reports	2023-04-17-23.47.28	A
		TGSE1	*SOC	QUSER	as-srvmap		NO	10.11.12.33	112	*EXITLVL		2023-04-17-23.36.09	A

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### Privileged Access Management

- Blueprints
- Inactive Profiles
- Access Escalation Management
- Command Security

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	Dashboard	
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#### 🚠 Server Management

- < Rules
  - Job Activity Monitor
  - Network Security
  - ► Access Escalation Mgmt. ×
  - ▶ Inactive Sess. Lockdown ×
  - Resource Manager
  - User Profile Manager

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User Exclusions

Archived Profiles

Create/Change User Profile (TGPRFMGR)

Profile Inactivity Settings

Password Rule Settings

Defaults

Vork with Blueprints										+Add	X Reset Filter ▼ Fil	lter 🛛 📿 Re
Show 5 🗸 entries											Search	
Server	Blueprint Id	User Group	Prf Parm	Prf Auth	Auth List	3rd Party	Alt Sts	Compliance Date	Inact Ovr	Comp Status	Blueprint Description	Act
TGSE1.TRINITYGUARD.COM	DEVELOPERS	:DEVELOPER	*YES	*NO	*YES	*NO	*YES	2023-04-18 1:59:5	*NO	*FAIL	Developer User Profile Details	Action
TGSE1.TRINITYGUARD.COM	DUST	CASTLE	*YES	*NO	*YES	*YES	*NO	2023-04-18 1:59:5	*NO		in the wind	Action
TGSE1.TRINITYGUARD.COM	TELLERS	:TELLERS	*YES	*NO	*YES	*NO	*YES	2023-04-18 1:59:5	*NO	*FAIL	Teller user	Action
TGSE1.TRINITYGUARD.COM	TEST	:HELPDESK	*YES	*NO	*NO	*NO	*YES	2023-04-18 1:59:5	*NO	*FAIL	Test	Actio
First 1 Last												
First 1 Last	nority Auth Li	ists 3rd Part	y Inact	Overrides	Users	Non-comp	Profiles	Blueprint permissio	ons TG	Central perm	Activity	
First     1     Last       rofile     Parameters     Profile Auth       Parameter settings of TGSE1.TR	nority Auth Li INITYGUARD.C	ists 3rd Part	y Inact	Overrides	Users	Non-comp	Profiles	Blueprint permissio	ons TG Parameter	Central perm	Activity sted +Add all defau	Its 📿 R
First     1     Last       rofile Parameters     Profile Author       Parameter settings of TGSE1.TR       Show     20       Question     entries	hority Auth Li INITYGUARD.C	ists 3rd Part	y Inact	Overrides	Users	Non-comp	Profiles	Blueprint permissio	ons TG Parameter	Central perm	Activity sted +Add all defau earch	its 🛛 🗘 R
First       1       Last         rofile       Parameters       Profile       Author         Parameter       settings       of       TGSE1.TR         Show       20       entries         Parameter       Description	hority Auth Li	ists 3rd Part	y Inact	Overrides	Users	Non-comp	Profiles ameter Va	Blueprint permissio +Add	ons TG Parameter Sir	Central perm	Activity sted +Add all defau earch Actior	its 💭 R
First       1       Last         rofile       Parameters       Profile Author         Parameter       settings of TGSE1.TR         Show       20       entries         Parameter       Description         Assistance level       Assistance level	hority Auth Li	ists 3rd Part	y Inact	Overrides	Users	Non-comp Para	Profiles Imeter Val	Blueprint permissio +Add	ons TG Parameter Sir Y	Central perm	Activity sted +Add all defau earch Action -	its 💭 R

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### Blueprint Compliance Report

			TGSE1	ADMIN	:	2023-04-18	02:16:33	Search	Q
Blueprint Id	User Name	Violation Category *PARM,*AUT,*AUTL	Violation Keyword	Violation Description	Current Value	Blueprint Value	Non-Compliance Reason	Action Status	Action Error Details
TELLERS	PMBBASIC	*PARM	LMTCPB	Limit capabilities	*NO	*YES	Limit capabilities should be *YES		
TELLERS	PMBBASIC	*AUTL	TGAUTL	Authority List		*USE	*USE authoriy should be granted to authorization list TGAUTL		
TELLERS	PMB1	*PARM	LMTCPB	Limit capabilities	*NO	*YES	Limit capabilities should be *YES		
TELLERS	PMB1	*AUTL	TGAUTL	Authority List		*USE	*USE authoriy should be granted to authorization list TGAUTL		
TELLERS	PMB2	*PARM	LMTCPB	Limit capabilities	*NO	*YES	Limit capabilities should be *YES		
TELLERS	PMB2	*PARM	USRCLS	User Class	*SYSOPR	*USER	User Class should be *USER		
TELLERS	PMB2	*AUTL	TGAUTL	Authority List		*USE	*USE authoriy should be granted to authorization list TGAUTL		

Previous 1 Next

50 v entries 1 to 50 / 7

	SCHEDULE	TGSE1.TRINITYGUARD.COM	C Sarbanes-Oxley	2023-02-28 14:44	Report Card	Completed	Action -
Profile Inactivity Settings	SCHEDULE	TGSE1.TRINITYGUARD.COM	C Sarbanes-Oxley	2023-02-28 14:41	Report Card	Completed	Action -
Password Rule Settings	SCHEDULE	TGSE1.TRINITYGUARD.COM	C Sarbanes-Oxley	2023-02-28 14:38	Report Card	Completed	Action -
Defaults	ADMIN	TGSE1.TRINITYGUARD.COM	C TGFree Security Assessment	2023-02-28 14:22	Report Card	Completed	Action -
	SCHEDUIE		C Sarbanas Ovlav	2022 01 19 01:00	Doport Cord	Completed	Anting

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BBARD			Blueprint/Inact	ivity Compliance (T	GPRFCMP)	×				
Dashboard		Work with Blueprints	Server					+	Add 🗱 Reset Filter 🔻 F	Filter CRefresh
A Server Management	~	Show 5 v entries	TGSE1.TF	RINITYGUARD.COM					Search	Q
Kules	~	Server	Component				pliance	Inact Cor Ovr Sta	np Blueprint tus Description	Action
Job Activity Monitor	~	TGSE1.TRINITYGUARD.COM	C TELLERS				4-18 1:59:5 *	NO *FAIL	Developer User Profile Details	Action -
Network Security	~	TGSE1.TRINITYGUARD.COM	Audit Report				4-18 1:59:5 *	NO	in the wind	Action -
Access Escalation Mgmt	t. Y	TGSE1.TRINITYGUARD.COM	*YES			~	4-18 1:59:5 *	NO *PASS	5 Teller user	Action -
Inactive Sess. Lockdowr	ı ×	TGSE1.TRINITYGUARD.COM	Enforcement				4-18 1:59:5 *	NO *FAIL	Test	Action -
Resource Manager	~	First 1 Last	<b>*</b> NO			~				
User Profile Manager	<		Run interactively							
Blueprints		Profile Parameters Profile A	THES A			~	nt permission	s TGCentral	perm Activity	
User Exclusions		Parameter settings of TGSE1.T	-			Cancol	+Add P	arameter +Add	Suggested +Add all defa	ults 📿 Refresh
Archived Profiles		Show 20 v entries				Cancer			Search	Q
Create/Change User Pr (TGPRFMGR)	ofile	Parameter Description		Parameter Keyword		Parameter Value		Single (Y)	Actio	on
Profile Inactivity Cotting	c .	Assistance level		ASTLVL		*SYSVAL		Y	Action	-
Prome macuvity Setting	5	Limit capabilities		LMTCPB		*YES		Y	Action	-
Password Rule Settings	;	User Class		USRCLS		*USER		Y	Action	-
Defaults		First 1 Last								

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			Edit F	Profile Inactivity Settings				×						
Dashboard		Profile Inactivity Settings	Server	r									C Ref	resh
🚠 Server Management	~	Show 5 v entries		TGSE1.TRINITYGUARD.COM			~	I			Searcl	h		Q
🔧 Rules	~		Inactiv	vity until User Profile is disabled	Inac	tivity	until User Profile is deleted		ove deleted	Remove		Alert when		
<ul> <li>Job Activity Monitor</li> </ul>	~	Server		30		90	0	I	iles from TG r Group	Profiles from TG Rules	1	Inactivity is found	Actio	n
Network Security	~	TGQE5.TRINITYGUARD.COM	Delete	e profiles with password of *NONE						*NO	*N	NO	Action	3
<ul> <li>Access Escalation Mgmt</li> </ul>	. ~	TGSE1.TRINITYGUARD.COM		*NO ~						*NO	*Y	/ES	Action	3
Inactive Sess. Lockdowr	· ~	First 1 Last	Object	t owner for objects owned by dele	ted prof	ïles								
Resource Manager	~			QDFTOWN										
User Profile Manager	<	Activity History TGSE1.TRINITY	Remov	ve deleted Profiles from TG User (	Group								C Ref	resh
Bluenrints		Show 20 entries		*NO ~							Casad	L.		
Dideprints			Remov	ve deleted Profiles from TG Rules							Searci	n		Q
User Exclusions		Server		*NO 🗸						Statu	S			
Archived Profiles		First Last	Alert v	when Inactivity is found										
Create/Change User Pro (TGPRFMGR)	ofile		\$	*YES 🗸				•						
Profile Inactivity Settings	3						Cancel	÷						
Password Rule Settings														

Defaults



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B Dashboard		Entitlements											+ Add	C Refresh	
Server Management	~	Show 5 🗸 entries										Search		Q	]
Rules	~	Server	Enabled Status	User	Object	Library	Туре	Swap User	Calendar	Aut Req	Alr Req	Description		Action	
Job Activity Monitor	~	TGSE1.TRINITYGUARD.COM	Y A	ARP1	DSPUSRPRF	QSYS	*CMD	QSECOFR	*NONE	Y	Y	test		Action +	1
Network Security	~	TGSE1.TRINITYGUARD.COM	Y F	PMBBASIC	DSPUSRPRF	QSYS	*CMD	QSECOFR	*NONE	Y	Y	Programmer ner view user profile	eds ability to e details	Action -	
<ul> <li>Access Escalation Mgmt.</li> </ul>	<	First 1 Last	I												
Entitlements															
Access Control		Activity History TGSE1.TRINITY	GUARD.COM PME	BBASIC										C Refresh	
File Editors															
Defaults		Show 20 V entries										Search		Q	
Inactive Sess Lockdown	~	Server		Des	scription					Date			Status		
F Indelive Sess. Ebekdown		TGSE1.TRINITYGUARD.COM		Entitle	ement for user P	MBBASIC im	ported			2023-04-18	3 02:35:38		*COMPLETED		
Resource Manager	~	First 1 Last													
User Profile Manager	~														
Detect Monitors	~														
Database Encryption	~														

TGSE1 PMB				Work wit	:h Command S€	ecuri <sup>.</sup>	ty					4/18/2023 12:15:13
Subset Cri	teria - CMD Lik	: *ALL : *ALL	User : Action:	*ALL Cl.I *ALL Desc	P: ≉ALL ∴: *ALL		Ca Ent	lendar: o.Stat:	*ALL *ALL		ParmRest.: *ALL ExitInst.: *ALL	Audit: *ALL Alert: *ALL
2=Edit 4=D	elete 10=Wo	rk with Par	ameters							P	osition to:	
Opt Enable Sts	Command	Library	User	Client IP	Calendar	Parm Rest	Audit Sts	Alert Sts	Exit Inst	Action	Command Descri	otion
T Y	STRSQL STRSQL	QSQL QSQL	*PUBLIC :ADMINS	*ALL *ALL	*NONE *NONE	*N0 *N0	*YES *YES	*YES *NO	*YES *YES	*FAIL *PASS	Start SQL Inte Start SQL Inte	ractive Sess ractive Sess
F1=Help F2	=Add Exit	F3=Exit F6	=Add F8=Su	bset F10=Sort	F12=Cancel							Bottom
MA <b>L</b> A						12/(	903					

TGSE1 PMB	Work with Command Security - Edit Record	4/18/2023 12:15:13
Command Name : <u>STRSQL</u> + Command Library : <u>QSQL</u>	Description: Start SQL Interactive Session	
User Name : <u>:ADMINS</u> + Client IP : <u>*ALL</u>	+	
Enable Status : <u>Y</u> Audit Status : <u>*YES</u> Alert Status : <u>*NO</u>	(Y, N) (*YES, *NO) (*YES, *NO)	
Calendar : <u>*NONE</u> + Action : <u>*PASS</u>	(*FAIL,*PASS)	
Parameter Restriction: <u>*NO</u> Exit Installed : *YES	(*YES, *NO) (*YES, *NO)	
F1=Help F3=Exit F4=Prompt F12=Cancel		
MB A	07/025	

### System Value Management

TGSE1 PMB				Work	with Sys	tem Value:	3		4/18/2023 12:18:11
Subset Criteria	Sys.Val Categor	ue: *ALL y : *ALL	Description Compl.Sts.	: *A : *A	LL LL	Alert:	*ALL	Cur.Value: *ALL Exp.Value:	
1=Edit 2=Change	3=Sys.Val	ue History 4=	Set to Current	5=S	et to TG	6=Set to I	Exp.Value	e Position	n to:
Opt System ( Value	Category	System Value	Description	Alt. Sts	Expected	Value		Current Value	Compl Sts
QPWDCHGBLK * QPWDEXPITY * QPWDEXPWRN * QPWDLMTAJC * QPWDLMTCHR * QPWDLMTCHR * QPWDLVL * QPWDMAXLEN * QPWDMAXLEN * QPWDMINLEN * QPWDPOSDIF * QPWDRQDDGT *	*SEC *SEC *SEC *SEC *SEC *SEC *SEC *SEC	Block passwo Password exp Password exp Limit adjace Limit charac Limit repeat Password lev Maximum pass Minimum pass Limit passwo Require digi Duplicate pa	rd change iration inter iration warni nt digits in ters in passw ing character el word length word length rd character t in password ssword contro	*N0 *N0 *N0 *N0 *N0 *N0 *N0 *N0 *N0	*NONE 30 7 1 *NONE 0 8 7 0 0 0 0			*NONE *NOMAX 7 0 *NONE 0 10 6 0 0 0	*PASS *FAIL *PASS *PASS *PASS *PASS *FAIL *FAIL *PASS *PASS *PASS
l=Help F3=Exit l4=Baseline to A	F8=Subse TG F17=Ba	et F10=Sort seline to Shi	F12=Cancel F1 pped F18=Hist	3=Ba ory	seline to F22=Comp	Current liance Rep 12	oort F23	Enforcement	



# Next Steps



### Free Security Assessment



Have a project in mind? Questions? Let us know in the exit survey, or get in touch: pauline.ayala@freschesolutions.com info@freschesolutions.com