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SKYRA	S	kyView Kisk	Assessor -	Main Menu	System:	SKYVIEW	sign on with
Select one of	the follo	wing:			-		a user that
1. Run Se 2. Run Co	curity As mparison	sessment Report					has *SECADM
10. Report	s Menu						and
20. Displa	y Message	Log					*ALLOBJ
70. Produc	t Informa	tion Menu					and type
90. Sign c	ff						GO SKYRA
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MA l a		MW				22/007	
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Running an Assessment	
Run Security Assessment Type choices, press Enter.	Take Option 1 to run an Assessment - Interactively
Print reports: \$YES, *YES, *N0 Spooled file	- In batch Or schedule the SKYASSESS command (in SKYVIEWRAP)
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ile Edit View Communication Actions Window Help		Option 10 from
5 <u>6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 </u>		the Main Menu
SKYRA2 SkyView Risk Assessor - Reports Menu s	uctom: SKYVTEN	provides
Select one of the following:	gatem. Skivitw	
1 Disclass Constitut Associate Deculto Cuide	CKUACCECC	access to all
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		including the
Section 3 - Users 21 - Dioplay Default Decoverde	ODSECOUD	Assessment
31. Display Default Passwords 32. Display User Profile Special Authorities	- OPSECHWD - OPSECHSB	Results Guid
33. Display User Profiles Not Used for 60 Days	- SKYINAUSRS	and all
34. Display Profiles with Password Expiration not *SYSVAL	- SKYPWDEXPI	anu an
35. Display IBM Profiles with Altered Special Authority	- SKYIBMPRF	Supplementa
35. Display Members of Group Profiles 37. Display Objects Owned by Group Profiles	- SKYGRPUSRS - SKYCDDOLIN	reports
38. Display Users Authorized to IBM-Supplied Profiles	- SKYTBMUSBS	
39. Display Application Administration - Client Functions	- SKYADMCLNT	
40. Display Validation List Entries	- SKYVLDLE	
	More	
Selection or command		
r3=EXit r4=rrompt r9=Retrieve ri2=Cancel		
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한 🔐 Users and Groups 한 🛄 Databases 은 역을 File Systems 은 🔯 Integrated File System 은 🔁 Root				Navigate to and open the SKYVIEW directory.
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Your S	Security Plan	
	Section 1: Your Security Plan	
	Step 1 - Examine your System Values	
	The security and integrity of your system cannot be guaranteed because you are not running at security level 40 or 50. This is the most important step you can take towards securing your system and ensuring both operating system and data integrity. Moving to security level 40 will ensure that no unsupported interfaces are used, data cannot be modified without detection and users cannot exploit job descriptions that name user profiles to masquerade as another user. Detailed steps you will want to take before moving to security level 40 can be found under the explanation for the QSECURITY system value.	
	In addition, the system is at a security level where users, by default, are allowed access to all objects on the system. Access control to sensitive files and confidential information cannot be achieved at this security level. Details about moving from security level 20 can be found under the explanation for the QSECURITY system value.	
	The following system values have settings that do not meet the recommended settings. Examine the recommended settings in Section 2 - System Values. Make sure to read the Considerations Before Changing section if one is included. Because of the side effects that changing some system values produce, it is possible that your business requirements will require that you leave the system value at its less secure setting.	
	QSECURITY	
	QALWOBJRST	
	• QCRTAUT	
	QLMTDEVSSN	
	- OLMTRECOED	
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Section	2:	Svstem	Values	-	Security
		.,	· aidee		

Security System Values

System Value	Current Value	Recommended Setting	Deviation from Recommendation (X)	
QSECURITY	30 🗲	40 or 50	X	
QALWOBJRST	*ALWPTF	*ALWPTF or	X	
	*ALWPGMADP	*NONE		
QALWUSRDMN	*ALL	*ALL		
QAUTOCFG	0	0		
QAUTOVRT	600	O or a fixed number		
QCRTAUT	*ALL 🗲	*USE or	X	
		*EXCLUDE		
QDSPSGNINF	1	0 or 1		
QFRCCVNRST	4	3		
QINACTITV	30	30		
QINACTMSGQ	*DSCJOB	*DSCJOB		
QDSCJOBITV	30	60		
QLMTDEVSSN	0	1	X	
QLMTSECOFR	0	1	X	
QMAXSIGN	4	5		
QMAXSGNACN	2	2 or 3		
QRETSVRSEC	0	0		
QRMTIPL	0	0		
QRMTSIGN	*VERIFY	*REJECT or *FRCSIGNON	X	
QRMTSRVATR	0	0		
QSHRMEMCTL	1	0	X	
QUSEADPAUT	QUSEADPAUT	Authorization list name		
QVFYOBJRST	3	3 or 5		
				SKYV
				PAP

System Valu	ies - P	asswo	rds	
Password Syst	tem Values			
System Value	Current Value	Recommended Setting	Deviation from Recommendation (X)	
QPWDEXPITV	*NOMAX 🗲	- 90-	X	-
QPWDLVL	3	Anything but 0		
QPWDRQDDIF	0	1	X	
QPWDMINLEN	4	7	X	
	25	10	~	
			- X	
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Syste	m Valu	es - Aı	uditing		
	Auditing Syste	em Values			
	System Value	Current Value	Recommended Setting	Deviation from Recommendation (X)	
	QAUDCTL	*AUDLVL *OBJAUD *NOQTEMP	*AUDLVL *OBJAUD *NOQTEMP		←
	<u>QAUDLVL</u>	*SECURITY *CREATE *AUTFAIL *SERVICE *DELETE	*AUTFAIL *CREATE *DELETE *SAVRST *SECURITY *SERVICE	X	
	QCRTOBJAUD	*NONE	*NONE		
	QAUDFRCLVL	*SYS	*SYS		
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Se	ection	3: Use	rs		
	Use of IBM-S	upplied User Pr	ofiles		
	Altered IBM Profi	lles			
	Altering IBM-supp	lied profiles can be da	ingerous.		
	Some IBM-supplie This can be a dan	ed profiles have been gerous practice deper	altered to have more nding on how these pri	capability than their default setting. ofiles are used.	
	Some IBM-supplie what changes, if a QSRVBAS, QSYS	ed user profiles are sl any, have been made SOPR and QUSER IBI	hipped with special au to the special authori M-supplied user profile	thorities. The table below indicates ties granted to the QPGMR, QSRV, is.	
	User Profile	Authority	Added or Removed		
	ОРСМР	*ALLOB L	Domoved		
		*ALLOBI	Removed		
	OSRV	*\$4\/\$75	Removed		
	OSRVBAS	*ALLOB.L	Removed		
	OSRVBAS	*SAVSYS	Removed		
	QSYSOPR	*IOSYSCEG	happy		
	QSYSOPR	*ALLOBJ	Removed		
	QUSER	*ALLOBJ	Removed		
					SKY VIEW
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Objec	t Autł	noritie	es - SKYLIBAUT	
🖡 SKYLIBAUT	- Notepad			
<u>File E</u> dit F <u>o</u> rm	at ⊻iew <u>H</u> elp			
The system	19:26 create default *PUBLIC	public author Create	Carol's Company - V3 (SKYVLEW) SkyView Risk Assessor Library Authorities ity (QCRTAUT) is: *ALL	
Library #LIBRARY	Authority *EXCLUDE	Authority *SYSVAL	Text	
APPDEVSRC AR_DATA CJW EMP CJWTEMP2 DJILING IFSTDOL QAFPLIBI QBRM QCAESP QCAP3 QCA400W QCBLLEP QCCLE QCLE	*CHANGE *USE *USE *USE *ALL *CHANGE *USE *USE *USE *USE *USE *USE *USE *US	*SYSVAL AUTL *SYSVAL *SYSVAL *SYSVAL *SYSVAL *SYSVAL *SYSVAL *CHANGE *CHANGE *CHANGE *CHANGE *CHANGE *CHANGE *CHANGE *CHANGE *CHANGE	Application development source library Accounts Receivable Production Data	~
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• QCRT	AUT			
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Section 6: 1	CP/IP Securit	Υ	
TCP/IP provides in manage the securit demands that you managing TCP/IP r assessment.	teresting security challe y aspects of each serve monitor the users hav requires *IOSYSCFG.) *	enges. You have some configuration options that help er. These are discussed below. Part of TCP/IP security ving *IOSYSCFG special authority. (Configuring and *IOSYSCFG was discussed in the User section of this	
Auto-Start Val	lues		
command runs. The If you are not using one of these server the appropriate CH	e table below lists the co g the application, you sl rs automatically being s IGXXXA command, whe	urrent setting for each server. Please review this table. hould not have the server auto-start. If you don't want tarted, you can change the auto-start parameter using are xxx is the server name. <u>For example, CHGETPA</u>	
(Change FTP Attrib	utes).	_	
(Change ETP Attrib	Auto -Start Value]	
(Change FTP Attrib TCP/IP Server *SNMP *ROUTED	Auto-Start Value *YES *NO]	
(Change FTP Attrib TCP/IP Server *SNMP *ROUTED *BOOTP	Auto-Start Value *YES *NO *NO		
(Change FTP. Attrib TCP/IP Server *SNMP *ROUTED *BOOTP *TFTP	Auto-Start Value *YES *NO *NO *NO *NO		
(Change FTP Attrib TCP/IP Server *SNMP *ROUTED *BOOTP *TFTP *DNS	Auto-Start Value *YES *NO *NO *NO *NO *NO		
(Change ETP. Attrib TCP/IP Server *SNMP *ROUTED *BOOTP *TFTP *DNS	Auto-Start Value *YES *NO *NO *NO *NO *NO *NO *NO		
(Change ETP. Attrib TCP/IP Server *SNMP *ROUTED *BOOTP *TFTP *DNS	Muesj. Auto-Start Value *YES *NO *NO *NO *NO *NO		SKYVII

