



SkyView Risk Assessor for IBM i & i5/OS

"To determine whether your system is open or vulnerable, you need to start with a comprehensive risk assessment. I designed SkyView Risk Assessor to fill that need with reports that cover well over 100 security risk points on i5/OS and IBM i."

Carol Woodbury,
Security Expert, award-winning
author and presenter and
President of SkyView Partners, Inc

A comprehensive diagnosis is often overlooked when it comes to the security configuration of IBM i or i5/OS. Most system administrators only have the time to manage passwords and monitor a few, selected system values. But when it comes to security, the task extends beyond passwords and system values.

Risk Assessor for IBM i and i5/OS automates the process of gathering security information.

With **Risk Assessor** you get a tool that leverages Carol's expertise to produce a comprehensive report which includes:

- * Details about the security issues discovered,
- * Explanations of the business risks presented,
- * Recommendations for addressing the issues and
- * Considerations before making changes.

The column to the right is the **Table of Contents** for the Main Security Assessment Document generated with Risk Assessor. From this you can see the comprehensive nature of this product.

Findings will be unique for **each** system analyzed.

NOTE: the items in **Bold** indicate unique data gathering and processing performed by Risk Assessor. The analysis consists of one or more queries and/or combining sets of data and/or writing to APIs or unique advice directly from Carol Woodbury.

The 100+ "Risk Points" covered by Risk Assessor:

Users on the System (21 risk points covered)

- Users with Default Passwords**
- Inactive Users**
- Powerful Users**
- Powerful Groups**
- Groups that Own Objects**
- Groups whose Passwords are not *NONE**
- Altered IBM Profiles**
- IBM Profiles with a Password**
- IBM Profiles that are Group Profiles**
- Profiles that are "Not" *EXCLUDE**
- *USE Authority to IBM-Supplied Profiles**
- *USE Authority to non IBM Profiles**
- Password Expiration Interval**
- Limited Capability Users**
- Commands for Limited Users**
- Users with *CMD Auditing**
- Controlling Users' Green Screen Environment**
- User Profiles with Programs that Adopt Authority**
- Controlling Users' PC Desktop**
- DST Users and Passwords**
- Validation Lists Users**

Object Level Authority (10 risk points covered)

- *PUBLIC Authority of Libraries**
- *PUBLIC Authority of Commands, Programs & Files**
- Users Authorized to Create Libraries
- Create Authority
- *PUBLIC Authority of Directories
- Users Authorized to Create Directories
- Getting Started with Object Authorities**
- Authorization Lists**
- File Shares**
- Application Administration**

System Values (40 risk points covered)

- 22 Security System Values ***
- 11 Password System Values ***
- 6 Auditing System Values ***
- 1 Library System Value (public authority settings) ***

Exit Points (9 risk areas covered)

- Network Access Points**
- Trigger Programs
- Open Database File Exit
- Commands**
- Command Exits**
- Validity Checker & Prompt Override Programs**
- User Profile Exits**
- Viruses in the IFS**
- Network Attributes

Final Considerations (26 areas covered)

- Auto-Start Values of TCP/IP Servers**
- Time-Out Values of TCP/IP Servers**
- Users with Authority to sensitive commands (3)
- Users with Authority to the *QATM Config Files**
- Users with Authority to WebSphere Configurations**
- Open Ports & Port Restrictions**
- Server Authentication Entries**
- NetServer Guest Profile**
- Adopted Authority**
- Output Queues**
- Job Descriptions**
- Subsystem Descriptions**
- User Objects in QSYS**
- Unused Products or Libraries
- Check Object Integrity (CHKOBJITG)
- Other Considerations**