



IBM System i

Spool authorities

IBM



Living without *SPLCTL

- The following examples show how to manage access to spoolfiles for individual users and groups without the need for *SPLCTL special authority

Scenario 1

Users can only manage their own spool files

- Characteristics
 - Users can only display and copy their own spool files
 - All users with the required authority can control all spool files in the output queue (i.e. change number of copies, hold, release)
 - All authorized users can manage the attached printer
 - Users with *JOBCTL special authority can control the output queue and associated printer, but cannot display the spool file content
 - Users with *SPLCTL special authority can control all spool files and display the content

Scenario 1

Users can only manage their own spool files

Object	Parameter/Authority	Value
Output queue	Public authority	*EXCLUDE
Output queue	User-/group authority	*CHANGE
Output queue	Display all spool files (DSPDTA)	*OWNER
Output queue	Operator controlled (OPRCTL)	*YES
Output queue	Authority check (AUTCHK)	*DTAAUT
Printer device	Public authority	*EXCLUDE
Printer device	User-/group authority	*USE
Printer device	User authority (*JOBCTL special authority)	*USE
Printer device	User authority (*SPLCTL special authority)	*USE

Scenario 2

Users of a group can manage all spool files

- Characteristics
 - Users with the appropriate authorities can display, copy, and control all spool files in the output queue
 - All authorized users can manage the attached printer
 - Users with *JOBCTL special authority can control the output queue, associated printer, and can display the spool file content
 - Users with *SPLCTL special authority can control all spool files and display the content

Scenario 2

Users of a group can manage all spool files

Object	Parameter/Authority	Value
Output queue	Public authority	*EXCLUDE
Output queue	User-/group authority	*CHANGE
Output queue	Display all spool files (DSPDTA)	*YES
Output queue	Operator controlled (OPRCTL)	*YES
Output queue	Authority check (AUTCHK)	*DTAAUT
Printer device	Public authority	*EXCLUDE
Printer device	User-/group authority	*USE
Printer device	User authority (*JOBCTL special authority)	*USE
Printer device	User authority (*SPLCTL special authority)	*USE

Scenario 3

Users of a group can manage all spool files, users with *JOBCTL cannot manage the queue

- Characteristics
 - Users with the appropriate authorities can display, copy, and control all spool files in the output queue
 - All authorized users can manage the attached printer
 - Users with *JOBCTL special authority cannot control the output queue and associated printer and cannot display the spool file content
 - Users with *SPLCTL special authority can control all spool files and display the content, but cannot control the printer

Scenario 3

Users of a group can manage all spool files, users with *JOBCTL cannot manage the queue

Object	Parameter/Authority	Value
Output queue	Public authority	*EXCLUDE
Output queue	User-/group authority	*CHANGE
Output queue	Display all spool files (DSPDTA)	*YES
Output queue	Operator controlled (OPRCTL)	*NO
Output queue	Authority check (AUTCHK)	*DTAAUT
Printer device	Public authority	*EXCLUDE
Printer device	User-/group authority	*USE
Printer device	User authority (*JOBCTL special authority)	<i>not defined</i>
Printer device	User authority (*SPLCTL special authority)	<i>not defined</i>