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A Great New Command — ADDGRPPRF (Add Group Profile)

[System iNetwork Systems Management Newsletter](#)

[Carsten Flensburg](#)

Carsten Flensburg

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Over the last several weeks, Carsten and I have been brainstorming a new command. I have run into the need for this command several times and feel it is a GREAT addition to your systems management toolbox.

-Dan Riehl

This issue presents a fabulous new command written by Carsten. It is the command ADDGRPPRF (Add Group Profile). The basic purpose of the command is to provide a simple command-level interface to add a new group profile to a user profile. The command provides a plethora of great options, including the ability to load user IDs into a file and have the command process the file, adding a new group to each user.

You can select an individual profile, a generic profile such as WTX*, the input file option, or *ALL profiles.

When you add the new group profile, the command also lets you specify whether the user profile's Group ownership attribute should be changed (i.e., are newly created objects owned by the primary group or by the user?).

You can also choose whether you want the command to actually add the new groups, or just print a report of the changes that would be made to the users before you actually make the change.

If a user profile has no existing groups, the new group becomes the Primary Group profile. If a primary group does exist, the new group is placed into the first open slot in the supplementary groups area.

You can also choose to replace the primary group with the new group, moving the old primary group to the supplemental group area of the profile.

Command restrictions: The command does not let you specify a profile name that begins with the letter "Q" as the new group to be added. Also, it will not add any new group to any "Q" prefix user profile. IBM-supplied user profiles should not be group profiles or a member of any group.

This command provides a ton of needed functionality. Use it and enjoy it!

```
                                Add Group Profile (ADDGRPPRF)

Type choices, press Enter.

User profile . . . . . Name, generic*, *FILE,
```

```

*ALL
Group profile to add . . . . . Name
Group ownership . . . . . *SAME *SAME, *YES, *NO
User classes to select . . . *ALL *ALL, *NONUSER, *USER...
      + for more values
Group profile to select . . *ANY Name, *ANY, *NONE
File . . . . . Name
  Library . . . . . *LIBL Name, *LIBL

      Additional Parameters

Replace primary group . . . *NO *YES, *NO
User profile option . . . *UPDATE *UPDATE, *VERIFY

```

Here is an excerpt of the completion status report:

```

22/03/06 18:50:33      Add group profile completion report
Program: CBX953 Page: 1
User profile . . . . . : QS*      User classes to select: *USER
*PGMR *SYSOPR *SECOFR
Group profile to add . . : QSECOFR      Group profile to
select. : *ANY

User      Class      Group      Sup.grp.  Status      Change status
QSECOFR   *SECOFR   *NONE      0      *ENABLED    User profile
is a group profile.
QSECUSR   *USER     *NONE      0      *DISABLED   Group profile
added as primary group.
QSNADS    *USER     *NONE      0      *ENABLED    System user
profile not changed.
QSPL      *USER     *NONE      0      *ENABLED    System user
profile not changed.
QSPLJOB   *USER     *NONE      0      *ENABLED    System user
profile not changed.
QSRV      *PGMR     *NONE      0      *ENABLED    System user
profile not changed.
QSRVAGT   *SYSOPR   *NONE      0      *ENABLED    System user
profile not changed.
QSRVBAS   *PGMR     *NONE      0      *ENABLED    System user
profile not changed.
QSYS      *SECOFR   *NONE      0      *ENABLED    System user
profile not changed.
QSYSOPR   *SYSOPR   *NONE      0      *DISABLED   User profile
is a group profile.
Profiles processed . . . . . : 10
Primary groups added . . . . . : 1
Supplemental groups added . . : 0

```

For more details about command parameters and command usage, refer to the help panel group.

The following source code is included. As always, check the source code headers for compile instructions and additional documentation.

CBX953	RPGLE	Add Group Profile - CPP 2
CBX953H	PNLGRP	Add Group Profile - Help
CBX953V	RPGLE	Add Group Profile - VCP
CBX953X	CMD	Add Group Profile - CPP 1

You can download a zip file containing all the source code from the URL

<http://www2.systeminetwork.com/noderesources/code/clubtechcode/addgrpprf.zip>

Note: As with all new programs, test these routines thoroughly before placing them into a production environment. No warranty is expressed or implied.

Source URL: <http://iprodeveloper.com/security/great-new-command-addgrpprf-add-group-profile>