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Update User Audit Values Using the UPDUSRAUD Command

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If you have ever had the need to assign user audit values to a user profile you'll know that the native command provided for such requirements – the Change User Auditing (**CHGUSRAUD**) command – lacks the ability to show the current audit values in effect for the user profile in question. The recommended approach to display a user profile's current audit values is to run the Display User Profile (**DSPUSRPRF**) command and scroll to the last page of user profile information.

If you're absolutely certain that the user profile whose audit values you're about to change currently has no **AUDLVL**(audit level) values assigned, it is safe to simply run the **CHGUSRAUD** command for the user profile and specify the Object auditing value(**OBJAUD**) and User action auditing (**AUDLVL**) values of your choice. But if you have the slightest doubt about the current settings, you run the risk of overwriting these values without knowing, unless you run the **DSPUSRPRF** command first.

To speed up the process and at the same time make it a little safer and more convenient I wrote the Update User Audit (**UPDUSRAUD**) command. When you prompt the UPDUSRAUD command a single parameter appears, allowing you to enter the name of the user profile that you want to change:

```
Update User Auditing (UPDUSRAUD)

Type choices, press Enter.

User profile . . . . . DRIEHL      Name
```

Once you have entered the user profile name you simply press Enter and the user profile's current audit values appear:

```
Update User Auditing (UPDUSRAUD)

Type choices, press Enter.
```

```

User profile . . . . . > DRIEHL           Name

Object auditing value . . . . . *CHANGE    *SAME, *NONE,
*CHANGE, *ALL
User action auditing . . . . . *CMD        *SAME, *NONE,
*CMD...
+ for more values    *SECURITY

```

The Object auditing value is a single value and to change it you simply type the value of your choice in the parameter field, effectively overwriting the current value. The User action auditing parameter on the other hand allows you to enter a list of values. The common rules of the command prompt display are in effect: To remove all current values specify the single value ***NONE**. To remove a single value, as for example the special value ***CMD** in the above example, blank out the entire field and press Enter.

If you want to add one or more values specify a plus sign (+) in the first position of the first parameter and blank out the next position, then press Enter and a list of blank fields is presented. In the above example that would look like this:

```

Update User Auditing (UPDUSRAUD)

Type choices, press Enter.

User profile . . . . . > DRIEHL           Name

Object auditing value . . . . . *CHANGE    *SAME, *NONE,
*CHANGE, *ALL
User action auditing . . . . . + MD        *SAME, *NONE,
*CMD...
+ for more values    *SECURITY

```

The original value of ***CMD** is preserved by the command prompt display once you press Enter. If you want to refresh all the rules and special characters that apply to the command prompt display, simply press function key F13=How to use this display available on the command prompt display when prompting any command. As for the command presented today, there's a full online help text panel group included, explaining in detail the **UPDUSRAUD** command as well as its parameters.

The following sources are involved in creating the **UPDUSRAUD** command:

```

CBX990  -- RPGLE  -- Update User Auditing - CPP
CBX990H -- PNLGRP -- Update User Auditing - Help
CBX990O -- RPGLE  -- Update User Auditing - POP
CBX990X -- CMD    -- Update User Auditing
CBX990M -- CLP    -- Update User Auditing - Build command

```

[You can download the code here!](#)

To create all above objects, compile and run the program **CBX990M**, following the instructions in the source header. As always, you'll also find compilation instructions in the respective source headers.

Source URL: <http://iprodeveloper.com/systems-management/update-user-audit-values-using-updusraud-command>