

NT User Rights and the Xitron RIP

Xitron Navigator Technical Note

May 14, 1999

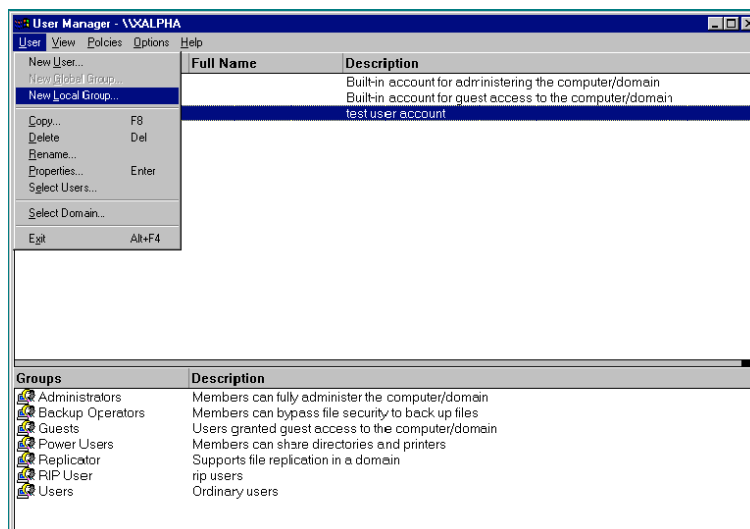
Before you begin the following exercise, it is suggested that you become familiar with the basic use of Windows NT and the basics of NT administration. If you are not familiar with the operating system and its functions, we suggest that you locate someone with that knowledge to help with the adjustments suggested below.

The way you log on to Windows NT 4 may create problems for the Xitron RIP. If your NT log-on is incorrect, you will get an error during RIP startup. The error will contain the phrases “insufficient working space may result in paging” and “try logging on as PowerUser.”

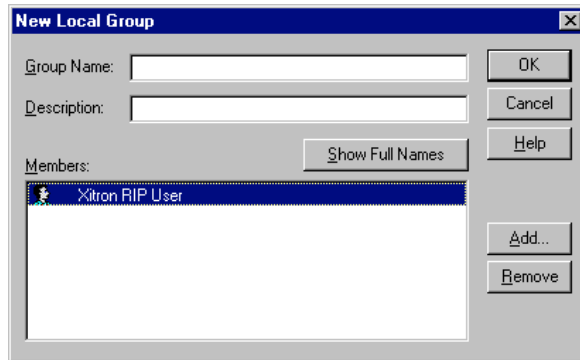
Windows NT 4 restricts the amount of RAM available to user programs depending on the groups that a user belongs to. Each group contains different permissions, which have a direct bearing on the rights and abilities of the user. Except in very special cases, we suggest that users always log on to the RIP platform as Administrator. This grants the widest range of permissions. As an alternative, a User can be created with PowerUser status.

It is possible to create a new User and a New Local Group that will allow restricted access to system resources but full access to the RAM necessary for proper RIP function. To do so follow the steps below.

1. Log on to NT as Administrator (allowing you to create new Users and Groups).
2. In the Program menu, under Administrative tools, enter the “User Manager for Domains.”
3. Create a New Local Group (see Figure 1 below).

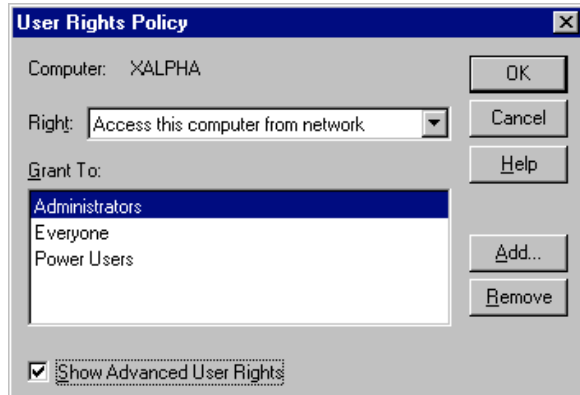


4. Provide the New Local Group with a name that will make sense for future administrators. It is also a good idea to provide a description to assist future administrators. The New Local Group dialog window is shown in Figure 2 below.

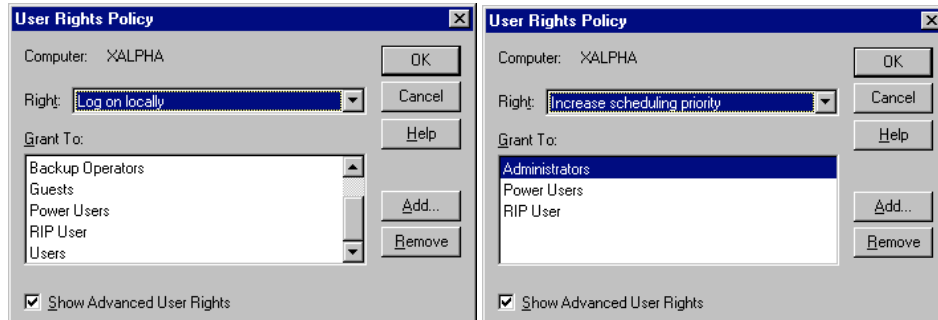


5. Once the Group is created, you will have to grant it rights on the system. The User Rights Policy window (shown in Figure 3 below) can be accessed from the User Manager dialog window in the Policies pull down menu.

IMPORTANT NOTE: Make sure you check the “Show Advanced User Rights” box at the bottom of the User Rights Policy dialog window. You will need access to the advanced user rights to add the proper rights for your new group.



6. Locate the Right, “Log on Locally” and, using the Add button, add the new Group to the Grant To list for that Right. Next, locate the Right, “Increase scheduling priority” and, using the Add button, add the new Group to the Grant To list for that Right. These windows are illustrated in Figures 4 & 5 below, with “RIP User” as the new Local Group.



7. Finally, you must create a user and place the user in the new group. Be sure the user does not belong to any other groups that restrict rights beyond those restricted in the new Local Group you have just created. It has been assumed that you know how to add new users to NT and to include and exclude them from groups.
8. Log off and log back on to NT using the new user's name and password. Run the RIP and check to see that the error mentioned in paragraph 2 above is not present. Verify that the RIP is using the proper amount of RAM (a message appears during startup stated “requested” and “granted” memory amounts). For further information about setting up memory usage in the RIP, locate the Xitron Technical Note about setting Memory Usage. This can be found on the installation CD as well as on the Xitron Web Site.