In order to allow successful communication and fail-over between Primary and Redundant Conductor NT Servers, it is necessary to configure the DCOM Setting as described below. The effects of not configuring DCOM range from 'frozen' consoles during a fail-over, to both Primary and Redundant Server Nodes report 'Active/Online', or failure to replicate the Tag Database to the Redundant Server node. This condition can be corrected as follows:

Note: This procedure should be performed on all Conductor NT Nodes.

1) Select Start > Run then type `dcomcnfg` and click OK (After OK is clicked, a pop-up box, or a series of pop-up boxes may appear, notifying the user of a class not registered and the gives the user the option to register these classes. Click 'Yes' if it does.)

2) Click on the 'Default Security' Tab. This tab is divided into three parts; Default Access Permissions, Default Launch Permissions, and Default Configuration Permissions. The areas of concern will be the Default Access, and Default Launch Permissions.

3) In the Default Access Permissions area, click on Edit Default...

4) Click ‘Add’... Then 'Show Users'

5) Press and hold the 'Ctrl' key on the keyboard, and with the mouse, select the following User Accounts: Administrators (Group), Everyone (Group), Administrator (User), Capuser (User), pwshare (User; this account is found only on servers). Once the accounts are selected, click on 'Add'. The names just selected will appear in the Add Names box in the lower portion of the box. Click 'Okay', and click 'Okay' again in the 'Registry Value Permissions' box. This will leave the initial Distributed COM Configuration Properties box.

6) Repeat from Step 3 for the Default Launch Permissions area of the box.
7) Click on the Default Protocols Tab. If the *Datagram UDP/IP* protocol is not present, click Add, then click on the arrow and scroll to select *Datagram UDP/IP*. Once added, highlight it from the list and use the Move Up Button to locate it to the second position in the list. *Connection Oriented TCP/IP* should be first.

8) Click 'Apply', then 'OK'.

9) Shut down Conductor NT software (if applicable), and restart the computer, and relaunch Conductor NT. Proceed to the next node.

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<td>Author: tlj</td>
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