

Camden Technical Bulletin



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Number: 25 Configuring Network Security in WinNT for *inVision32*

If your client(s) run into problems connecting to the Server, ensure that the security setting on the server and the client machine match the ones shown here.
For more in depth information on the choices shown below see “*DCOM Security Concepts.doc*”.

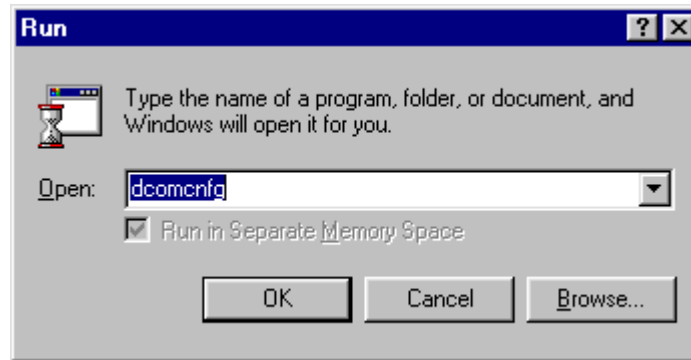
Launch Dcomcnfg.exe

1. Click ‘Start’ (On the Windows Taskbar).



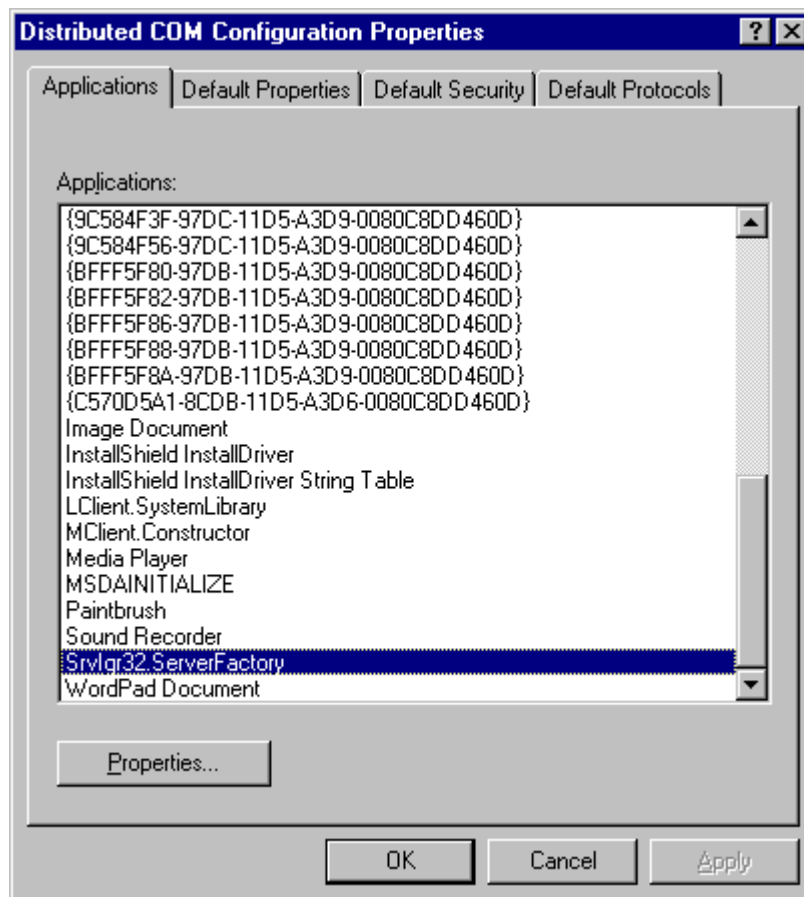
2. Then click ‘Run’ on the pop-up menu.

- Enter “dcomcnfg.exe” and then click ‘OK’.



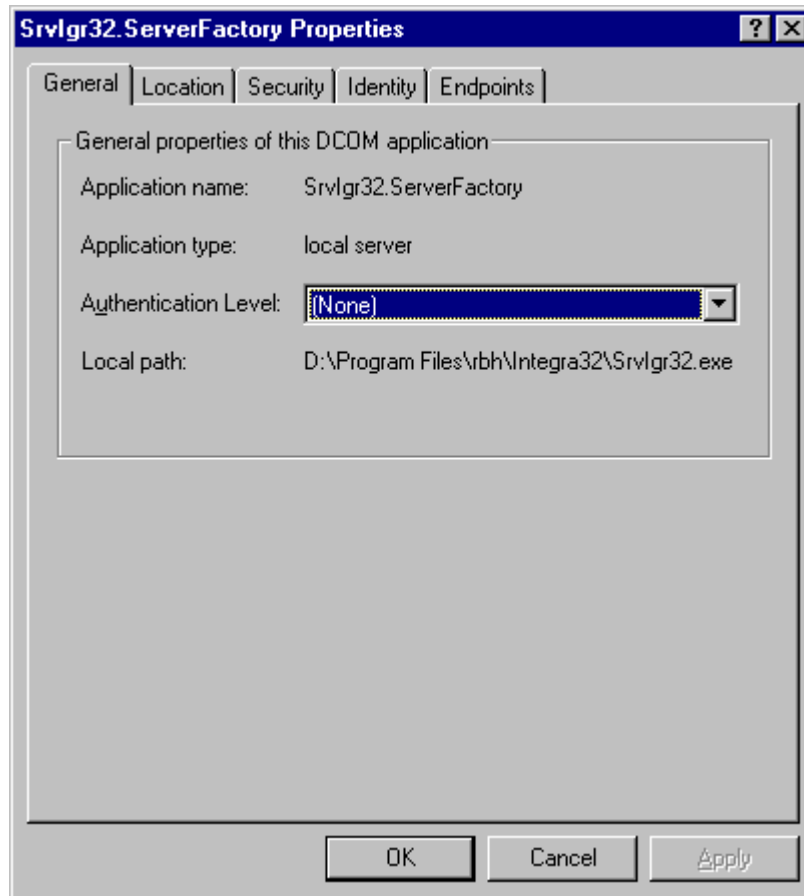
Distributed Communication Configuration

Application Tab (For Server Only)



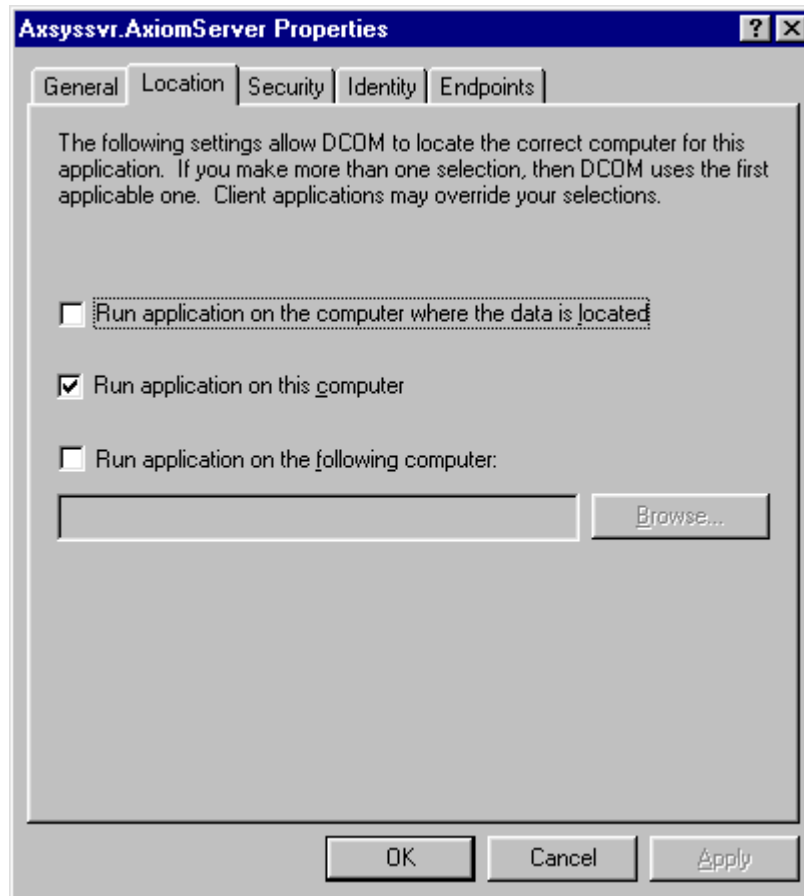
Select “Srvlgr32.*” and click ‘Properties’ button. The extension may differ, but the application will always be “Srvlgr”.

General Properties



Leave "Authentication Level" at none. Other choices are discussed in "*DCOM Security Concepts.doc*".

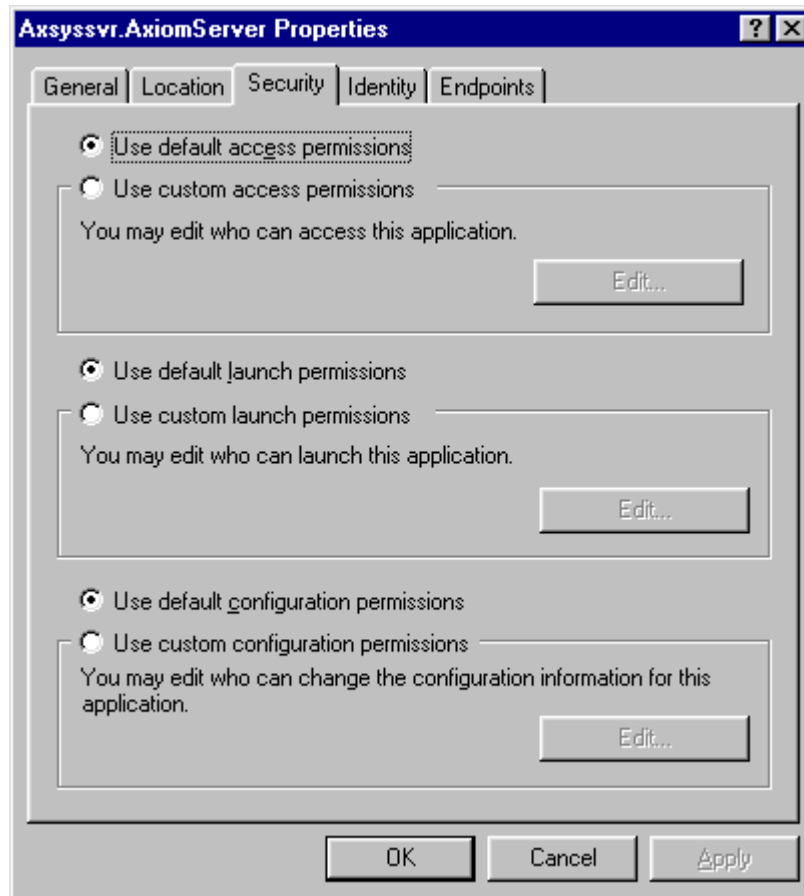
Location Properties



Change selection from:

- "Run application on the computer where the data is located" to "Run application on this computer".

Security Properties

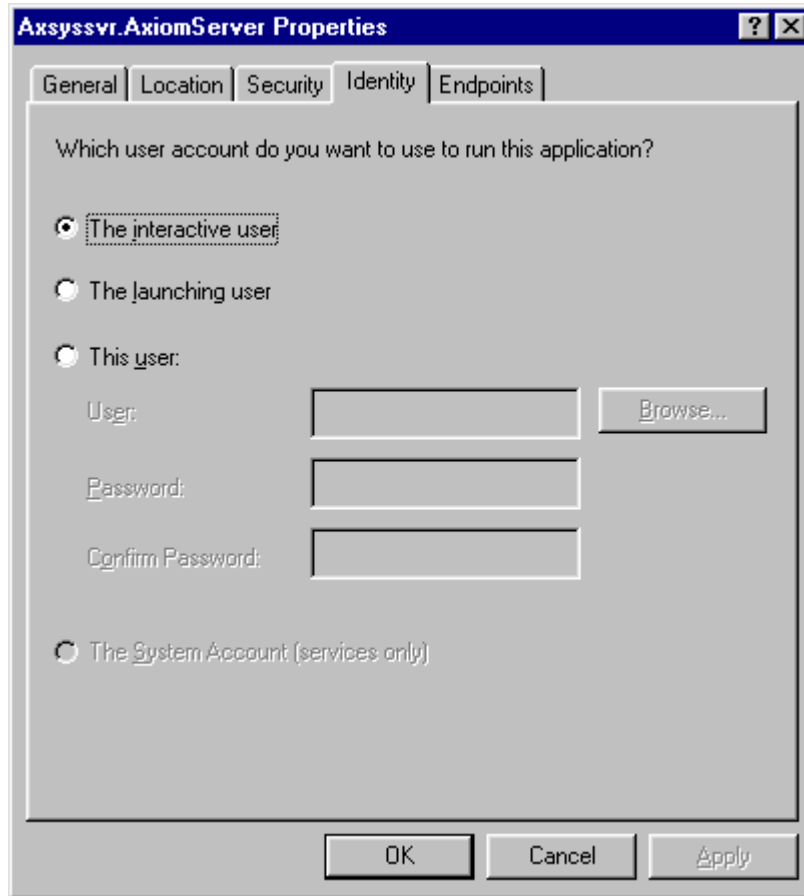


Ensure all selections all set to:

- "Use default access permissions".
- "Use default launch permissions".
- "Use default configuration permissions".

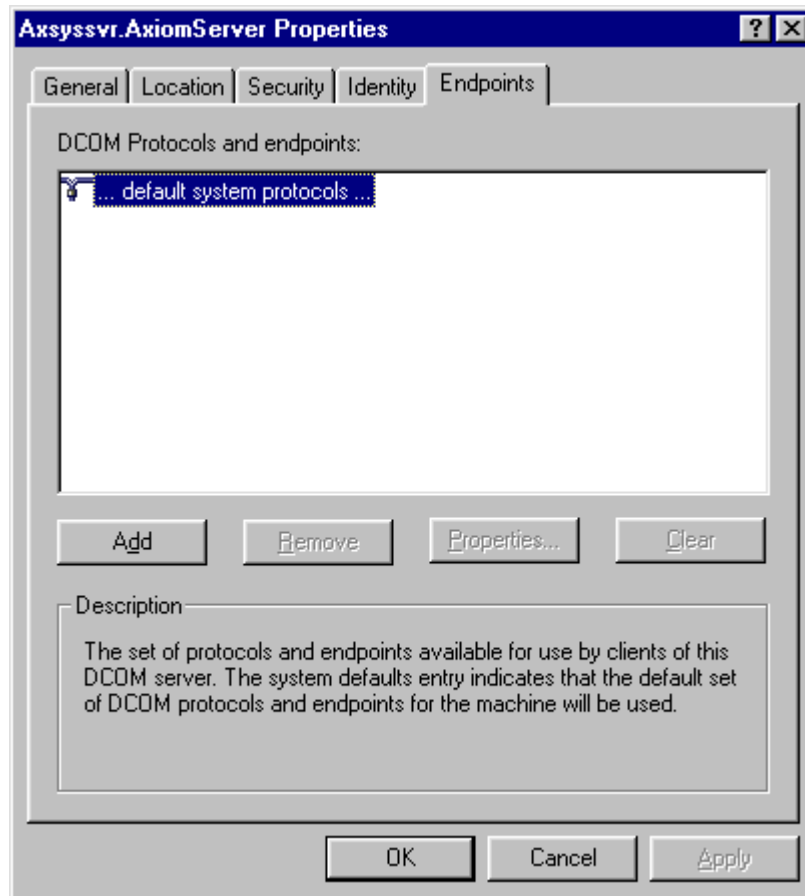
These defaults will be set elsewhere.

Identity Properties



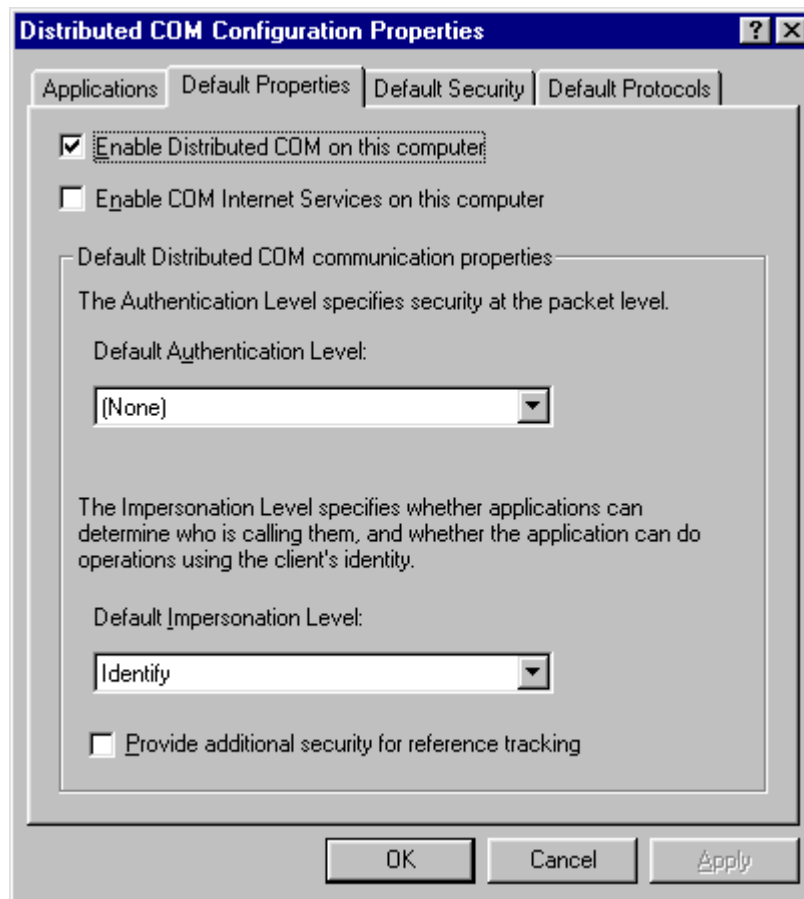
The user account to run this application needs to be:
 "The interactive user".

Endpoints Properties



Confirm that "...default system protocols..." are selected for protocols and endpoints.

Default Properties Tab (For Both Server and Client)



Default property settings need to be:

- “Enable Distribution COM on this computer” and not “Enable COM Internet Services on this computer”.

Ensure communications properties are set to:

- “Default Authentication Level:” = none
- “Default Impersonation Level:” = “Identify”

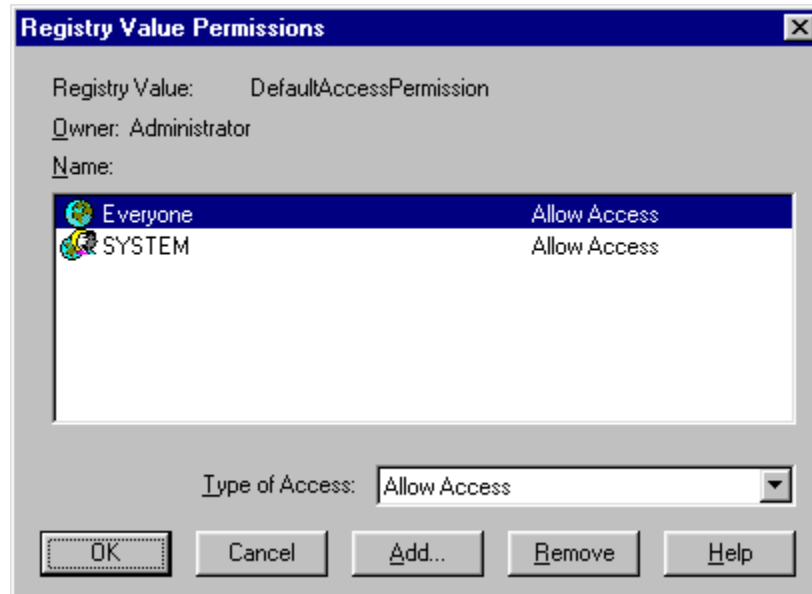
Do not check “Provide additional security for reference tracking”.

Default Security Tab (For Both Server and Client)

Set your default security here.



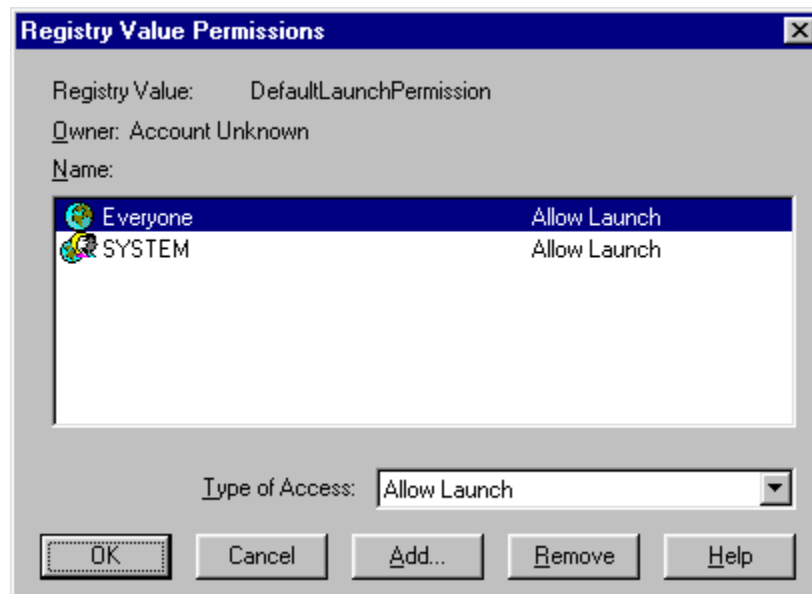
Default Access Permission



Ensure these permissions are included:

- "Everyone" = "Allow Access"
- "System" = "Allow Access"
- "Interactive" = "Allow Access"

Default Launch Permission



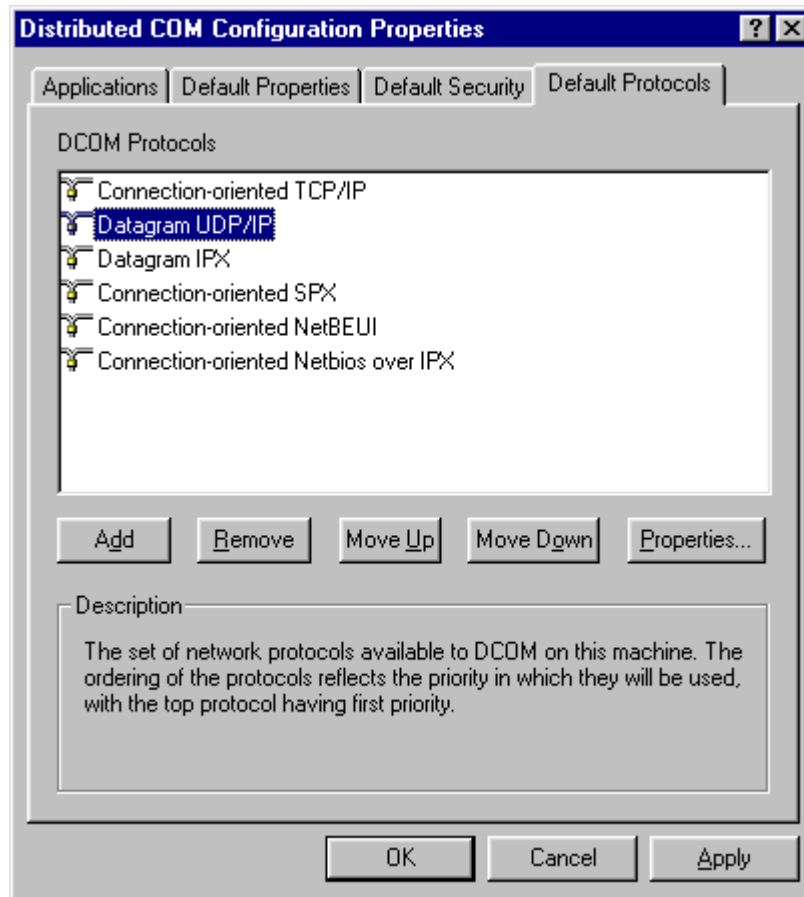
Ensure these permissions are included:

- "Everyone" = "Allow Launch"
- "System" = "Allow Launch"
- "Interactive" = "Allow Launch"

Default Configuration Permission

This is where users are given permission to make changes to the 'Distributed Communications'. These settings have no direct bearing on AxiomIII™.

Default Protocols Tab (For Both Server and Client)



Here are shown the default communications protocols. It is highly unlikely that any changes to these settings will be required.