Exercise 7 : Exploring Group Scopes and Types

EXERCISE 7.1

Exploring Group Scopes and Types

In the following exercise you will create a number of groups. These groups will be used to demonstrate group scope. From the notes, group scope determines who can be a member and where that group can be used in the enterprise.

Group Type	Scope
Local	User accounts, Global groups and Universal groups from any domain in the forest, as well as local groups from the same domain.
Global	User accounts and global groups from the same domain.
Universal	User accounts, global groups and universal groups from any domain in the forest.

The recommended strategy for using groups in Windows Server 2008 is to use both global and domain local groups. Place users into global groups and then place the global groups into domain local groups and assign permissions to the domain local groups.

Global groups have access to accounts in the local domain. Where the enterprise consists of more than one domain, local groups allow the use of accounts across all the domains. Where the enterprise has combined a number of domains into a forest, Universal groups provide access to any accounts in the forest.

1. Log on server as Administrator (Figure 0241).

Figure 0241 : Administrator Login

2. Launch **Active Directory Users and Computers**. Click Start ► Administrative Tools ► Active Directory Users and Computers (Figure 0242).

Figure 0242 : Launch Active Directory Users and Computers

3. Right-click the **domain** icon and select **New** - **Group** from the list (Figure 0243).

Figure 0243 : Active Directory Users and Computers – New Group

4. Create a **global** group called **Technical Support** (Figure 0244).

   4.1 Key-in **Technical Support** in the **Group name:** box
   4.2 Verify Group scope set to **Global**.
   4.3 Verify the Group type is set to **Security**.

Figure 0244 : New Object - Group

5. Click **OK** (Figure 0244).

6. Add Ali Uddin as a member of Technical Support.

   6.1 Double-click **Technical Support** (Figure 0245).
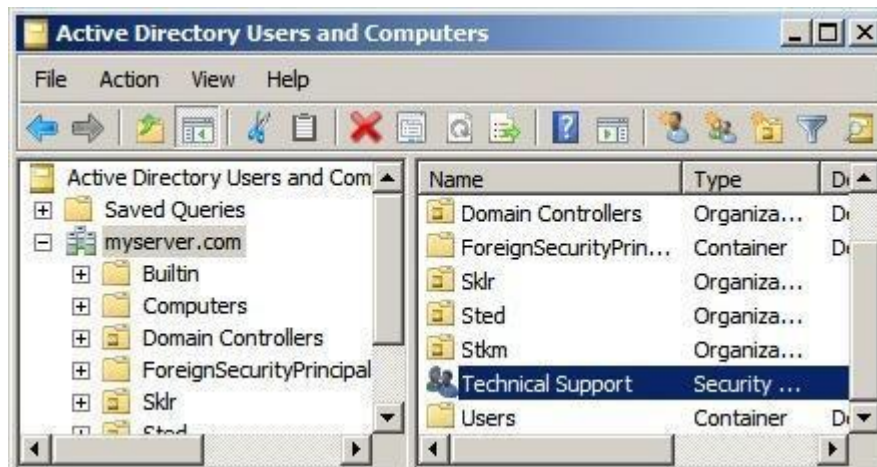
Figure 0245 : Active Directory Users and Computers – Technical Support

6.2 Click **Members** tab (Figure 0246).
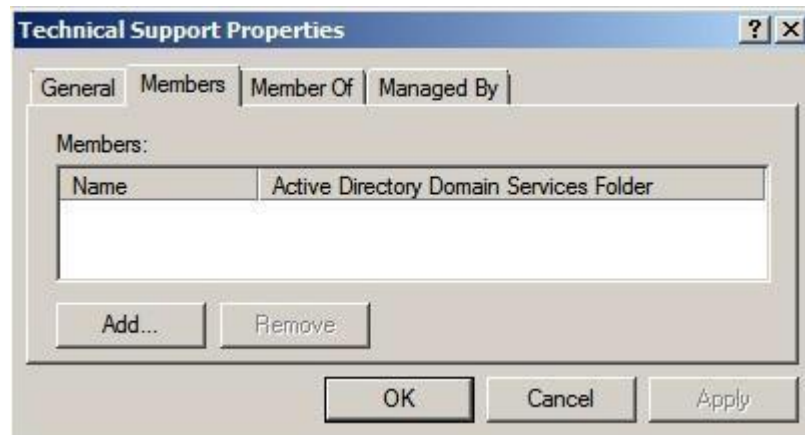
Figure 0246 : Technical Support Properties

6.3 Click **Add …** button (Figure 0247).
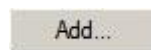
Figure 0247 : Add button

6.4 Click **Advanced …** button (Figure 0248).

Figure 0248 : Select Users, Contacts, Computers, or Group box

6.5 Click **Find Now** button (Figure 0249).
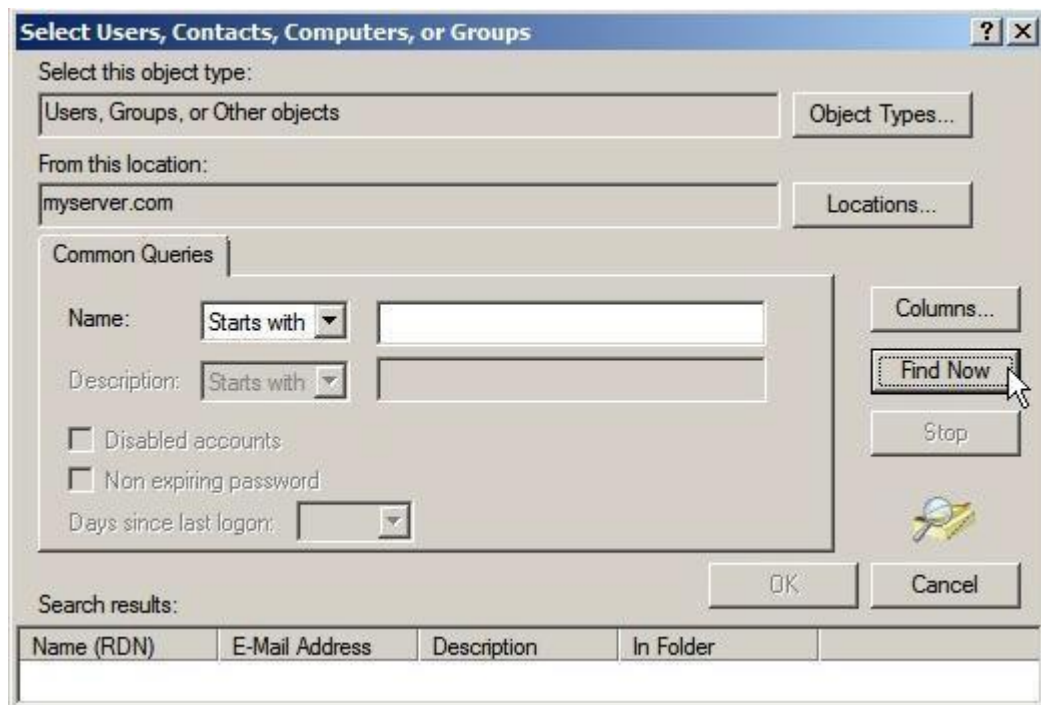
Figure 0249 : Select Users, Contacts, Computers, or Group - Advanced

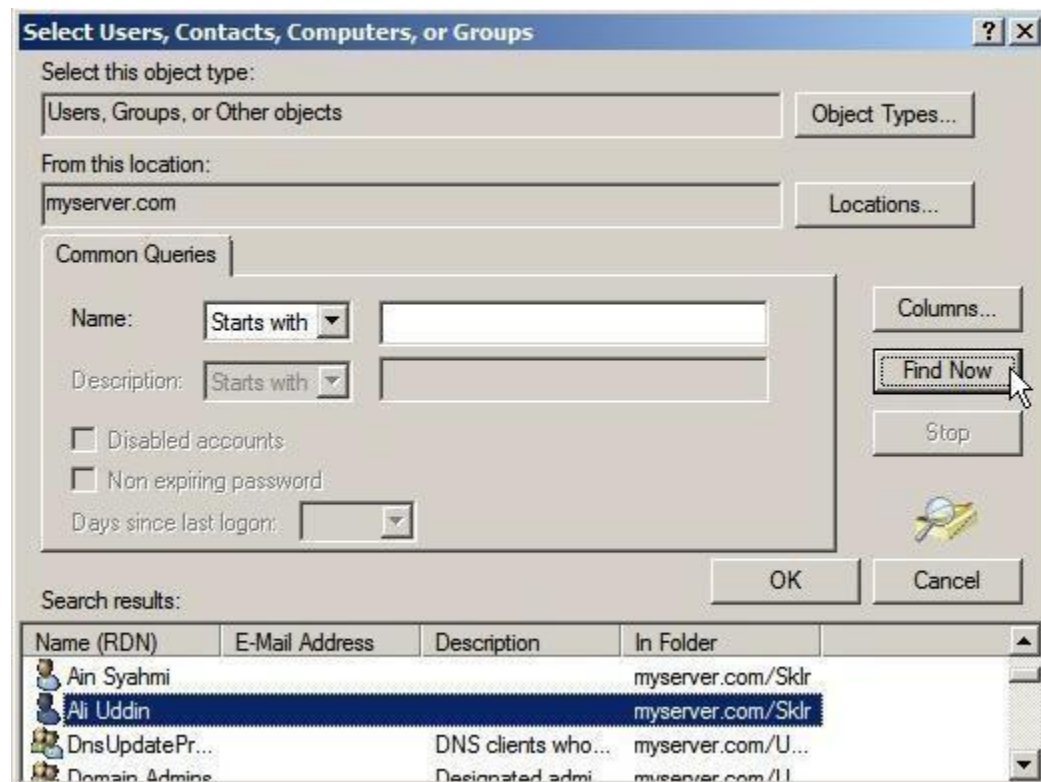6.6 Select **Ali Uddin** user account (Figure 0250).

Figure 0250 : Select Users, Contacts, Computers, or Group – Find Now

6.7   Cick **OK** (Figure 0250).

6.8   Cick **OK** (Figure 0251).

Figure 0251 : Select Users, Contacts, Computers, or Group

6.9   Cick **OK** (Figure 0252).
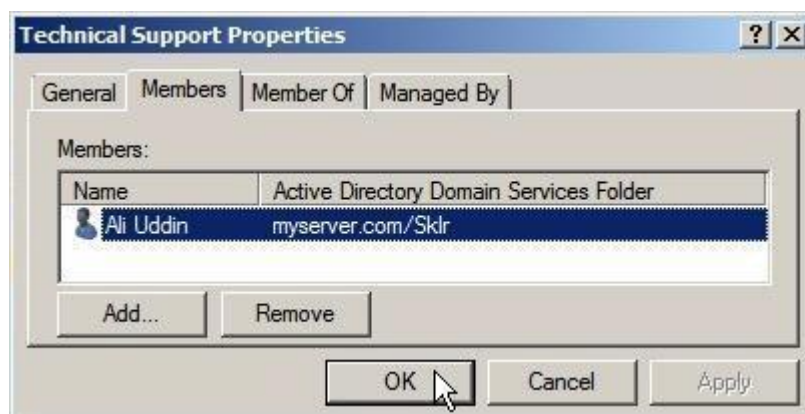
Figure 0252 : Technical Support Properties

7. Create a new **Domain Local** group called **Intranet Users** (Figure 0253).

7.1. Right-click the **domain** icon and select **New** - **Group** from the list (Figure 0253).
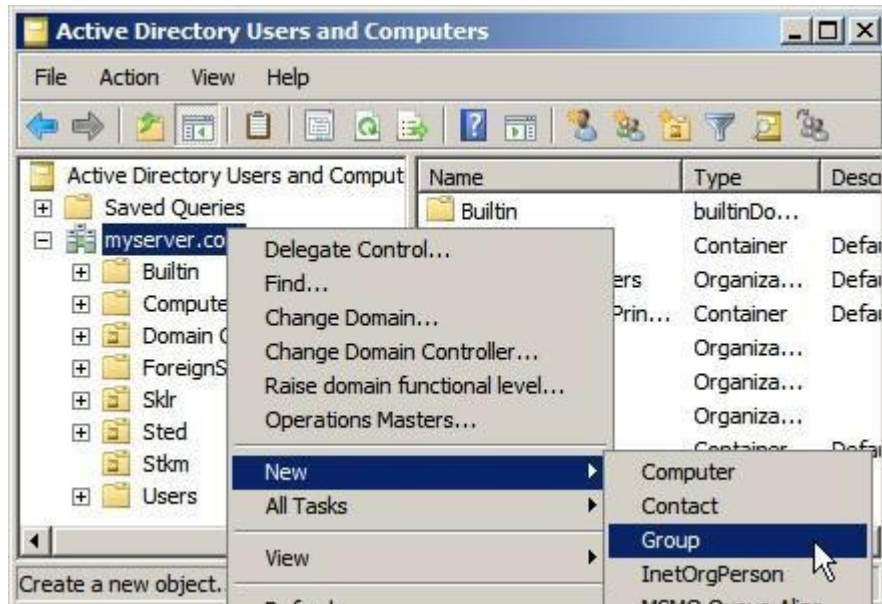
Figure 0253 : Active Directory Users and Computers – New Group

7.2. Key-in **Intranet Users** in the **Group name:** box (Figure 0254).

7.3. Verify Group scope set to **Domain Local** (Figure 0254).

7.4. Verify the Group type is set to **Security** (Figure 0254).

Figure 0254 : New Object - Group

7.5. Click **OK** (Figure 0254).

8   Double-click **Intranet Users** (Figure 0255).

Figure 0255: Active Directory Users and Computers

9   Add the **Intranet Users** group as a **Member Of Technical Support**.

9.1. Click **Member Of** tab (Figure 0256).

Figure 0256 : Intranet Users Properties

9.2. Click **Add …** button (Figure 0257).
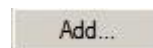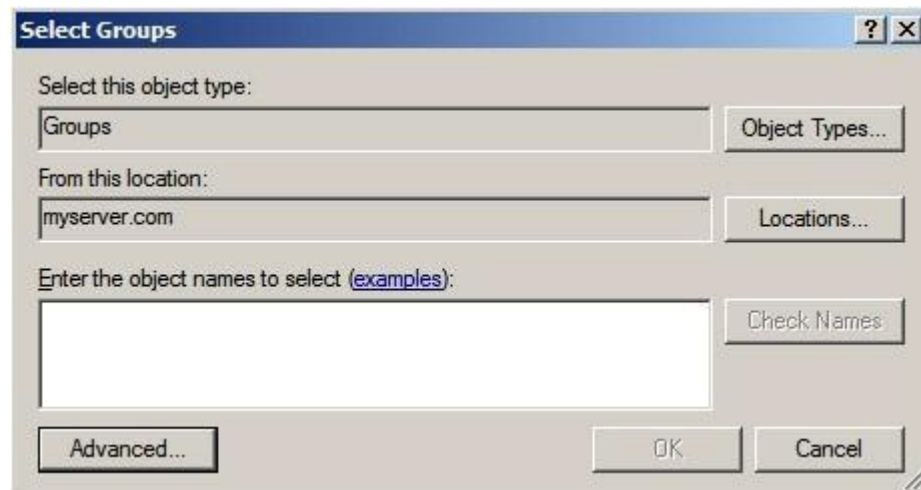
Figure 0257 : Add Button
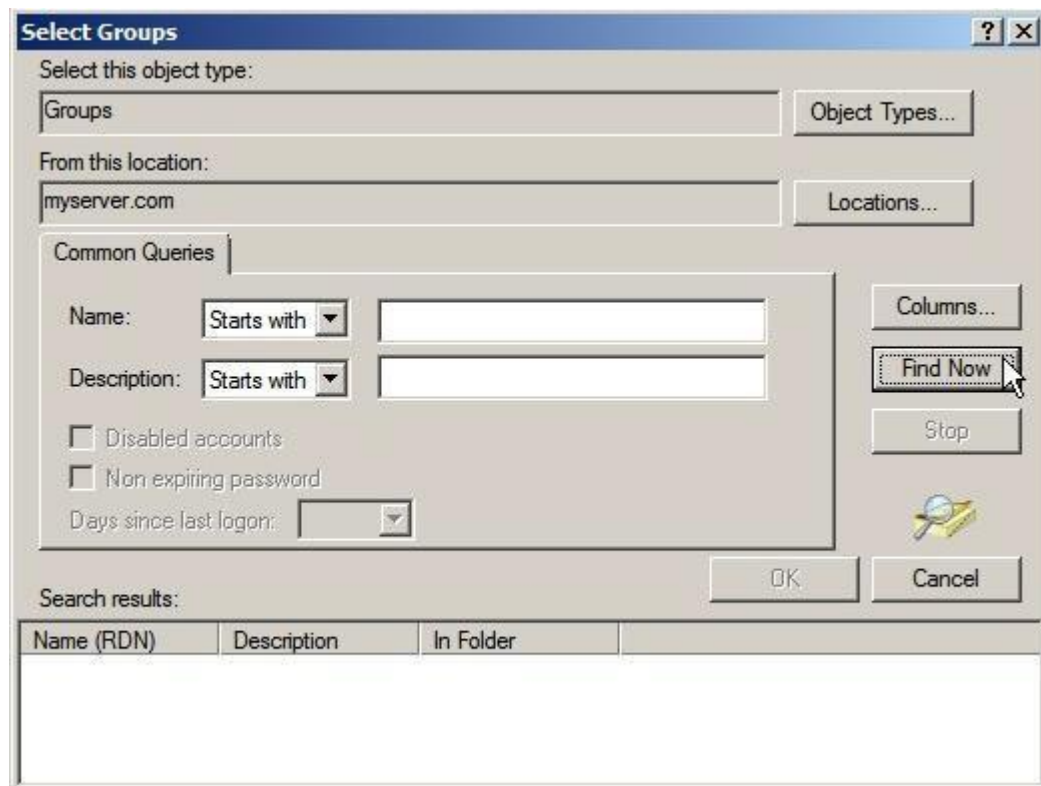
9.3. Click **Advanced …** button (Figure 0258).

Figure 0258 : Select Groups - Add

9.4. Click **Find Now** button (Figure 0259).

Figure 0259 : Select Groups - Advanced

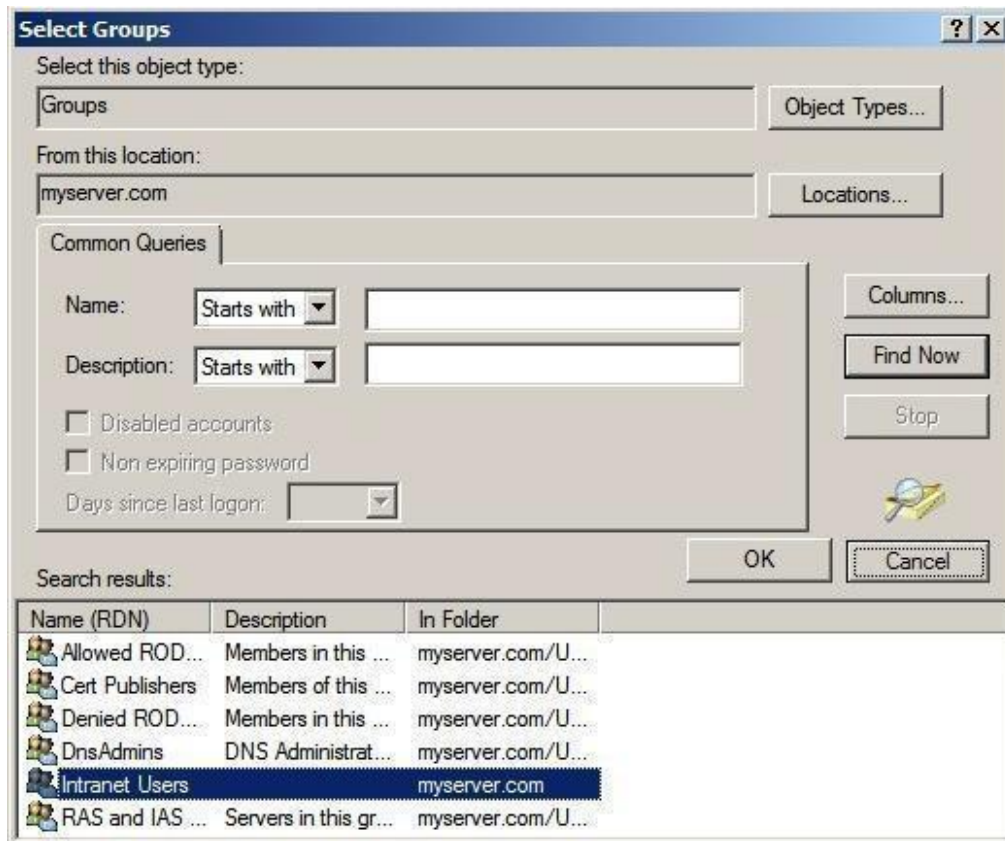9.5. Select **Technical Support**. What happened? (Figure 0260).

Figure 0260 : Select Groups – Search Results

Can you find **Technical Support**? Why do you think this happened?

9.6. Close all windows **except** Active Directory Users and Computers.

10 Now try adding the **Technical Support** group as a **Member Of Intranet Users**.

10.1. Double-click **Technical Support** group (Figure 0261).

Figure 0261 : Active Directory Users and Computers - Technical Support
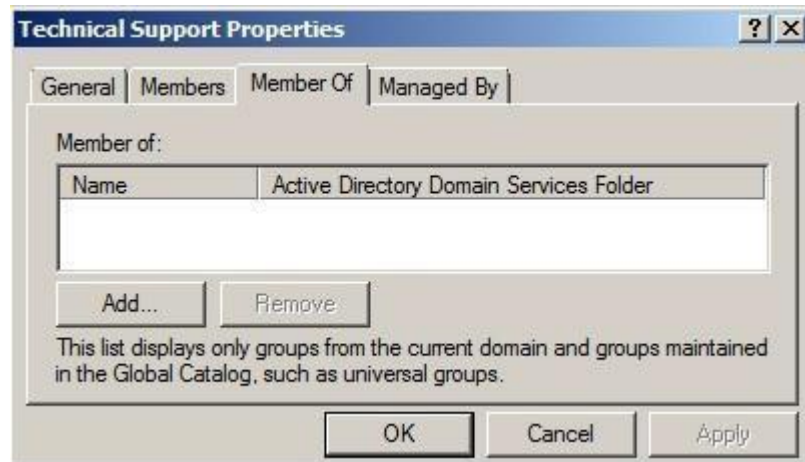
10.2.   Click **Member Of** tab (Figure 0262).

Figure 0262 : Technical Support Properties

10.3.   Click **Add …** button (Figure 0263)

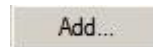Figure 0263 : Add Button

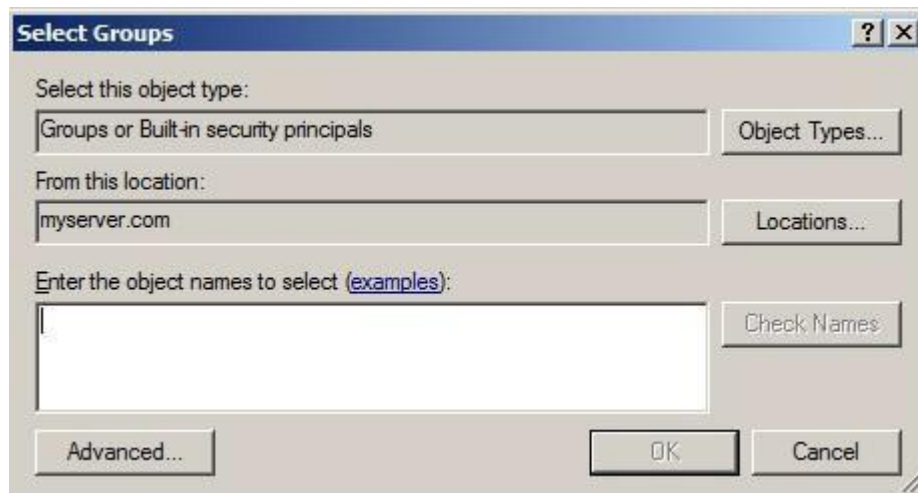10.4.   Click **Advanced …** button (Figure 0264)

Figure 0264 : Select Groups - Add

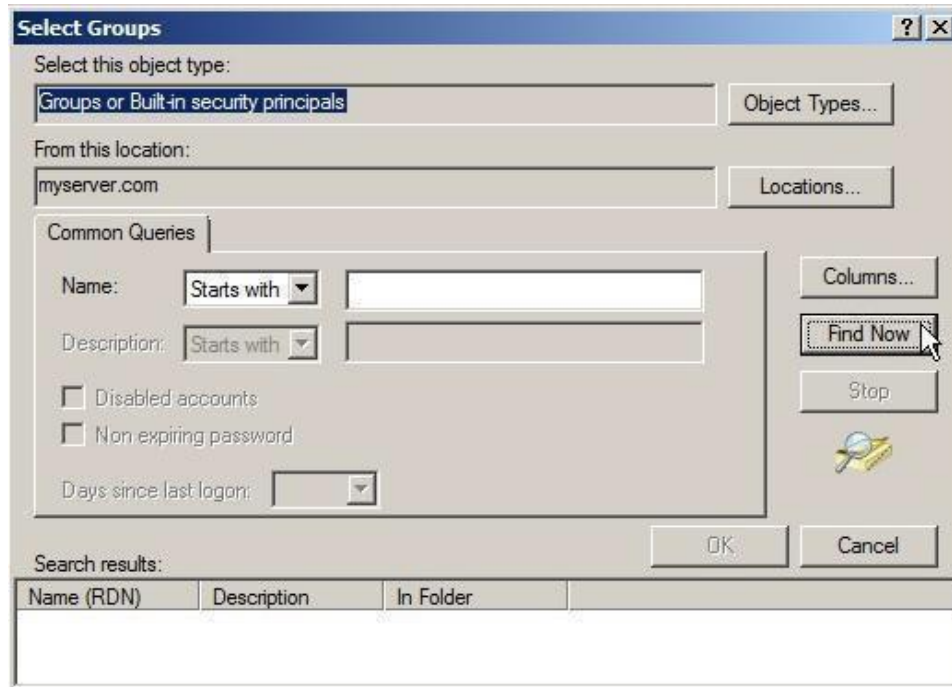10.5.   Click **Find Now** button (Figure 0265)

Figure 0265 : Select Groups - Advanced

10.6.   Select **Intranet Users** and click **OK** button (Figure 0266).
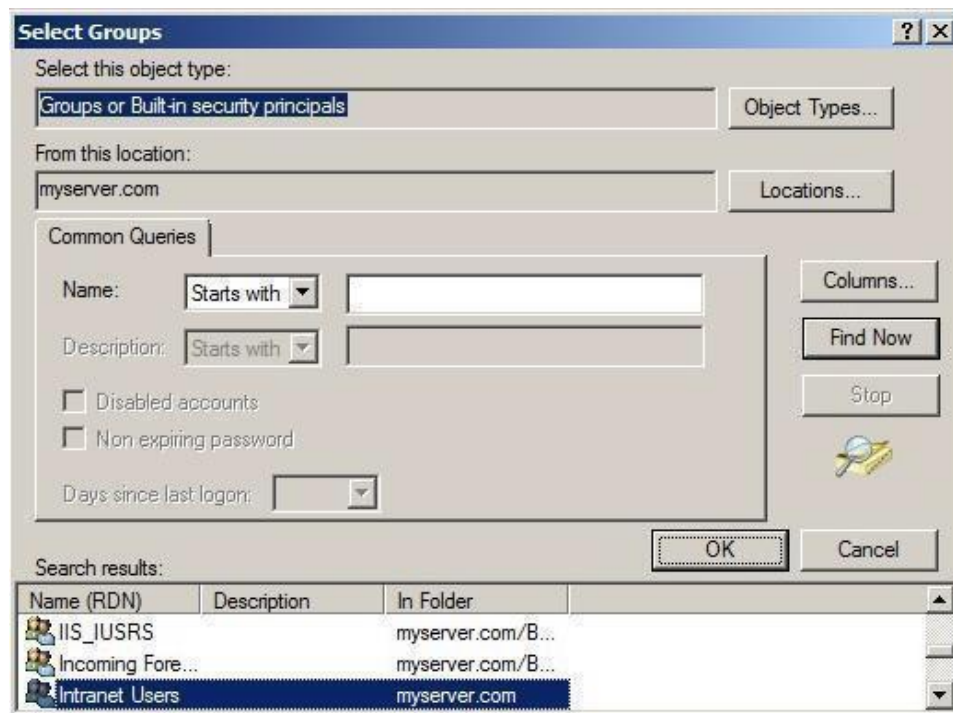

Figure 0266 : Select Groups – Search Result

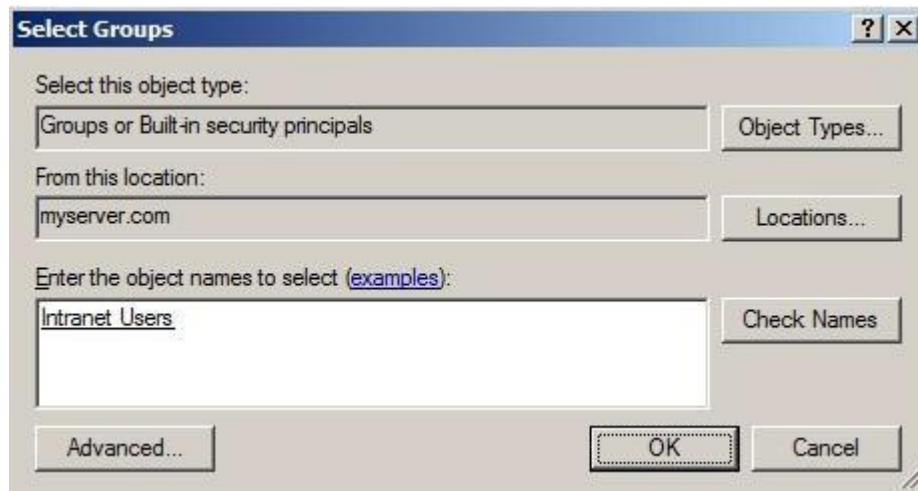What happened?

10.7.   Click **OK** button (Figure 0267).

Figure 0267 : Select Groups – Intranet Users Group Added

Can you add the **Technical Support** group as a **Member Of Intranet Users**?

Why do you think this is so?
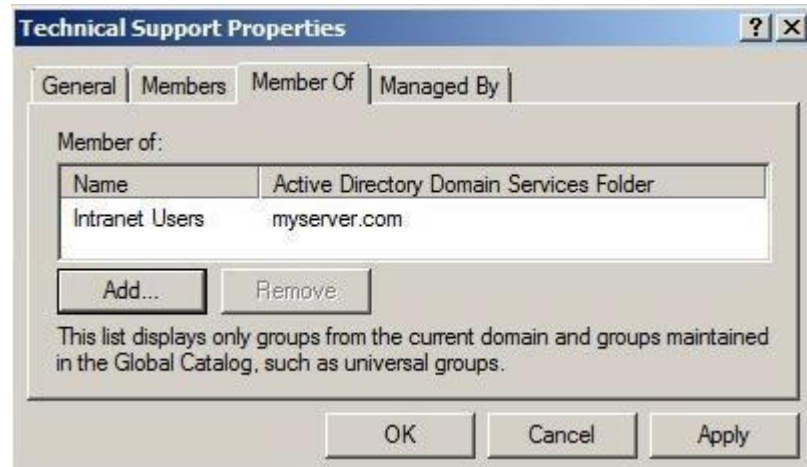

11 Click **OK** button (Figure 0268).

Figure 0268 : Technical Support Properties – Member Of Intranet Users

12 Log off Administrator.

Summary
Windows Server 2008 running in native mode supports the use of different group types. Global groups have access to user accounts and other global groups in the same domain. Local groups allow you to access accounts outside the current domain, and universal groups provide access across organizations (forests).