Software Distribution - Creating a Direct Collection

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Outline of the Process:

To distribute software applications to a client or number of clients there are a number of steps, the following may assist you.

Software distribution entails creating a Collection of resources, Packaging and preparing software, place the prepared package on the Distribution Point Server and create an Advertisement.

You may assume that the Microsoft System Centre Configuration Manager (MS SCCM) internal dependencies have been installed and configured as appropriate for the environment, as have the distribution points.

The software applications have been "packaged" and are available on \\soe\dsl\prod.

Now   1:   Create a collection

        2:      Create an advertisement

Create a Collection

A collection represents groups of resources; it can be a single client, or a number of clients within a defined organisational / manageable unit that are the targets for software deployment.

Collections can be query-based or created by direct membership.

A query-based collection is dynamic and can be updated automatically on a specified schedule.

Direct membership collections have the resources added, are updated manually and should be used for temporary or one off distributions.
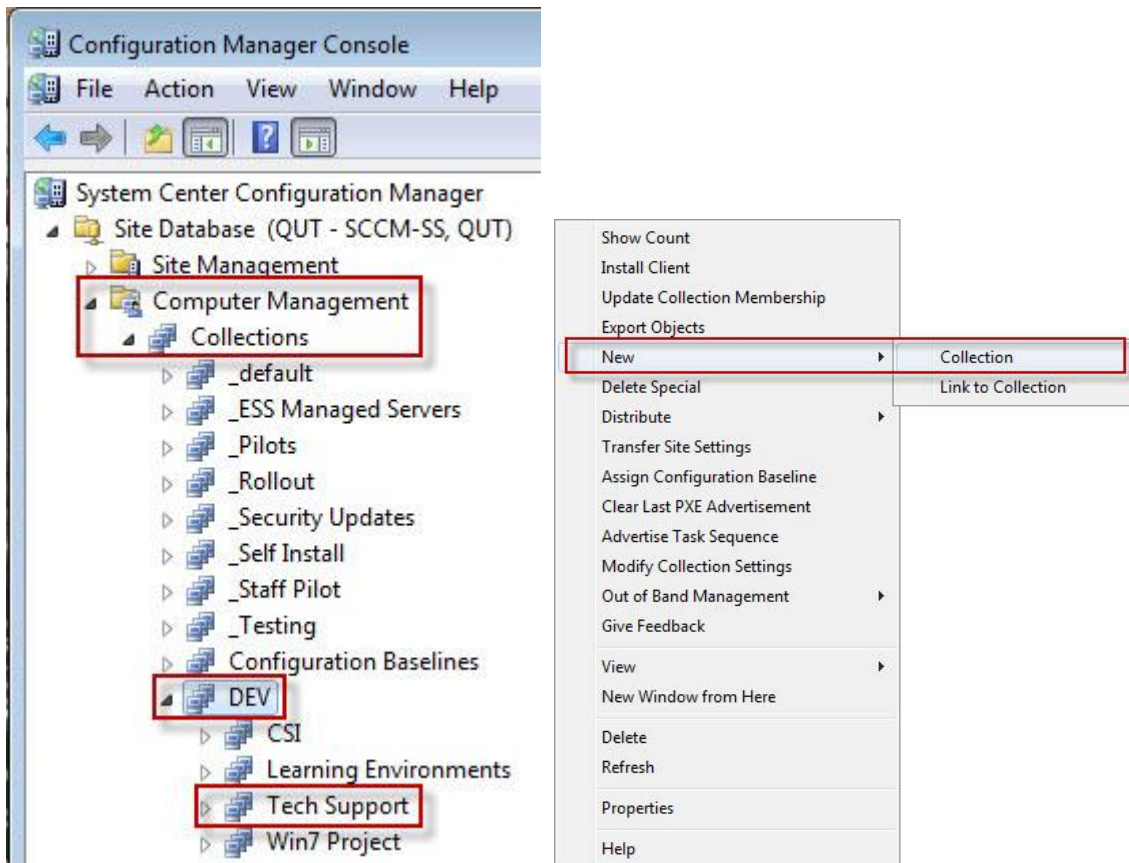
Direct membership collections:-

Start MS SCCM in administrator mode using your dash admin account.
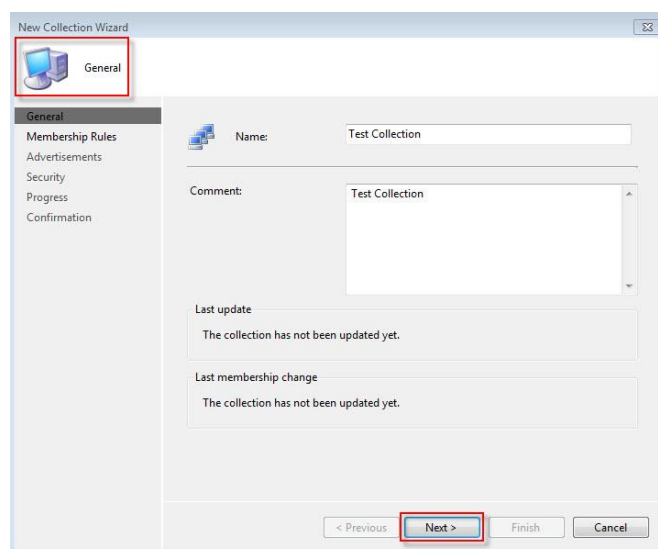
Expand the "Computer Management" node in SCCM.

Expand "Collections", Expand "DEV"

Right Click "Tech Support" select "New" and hover to select "Collection".

Give your collection representative name and add a comment to clarify the purpose of the collection.
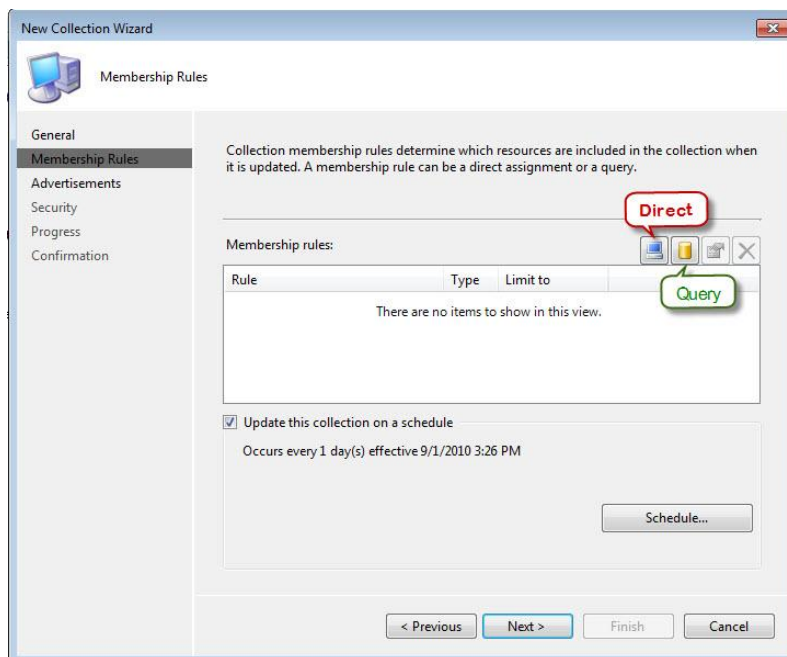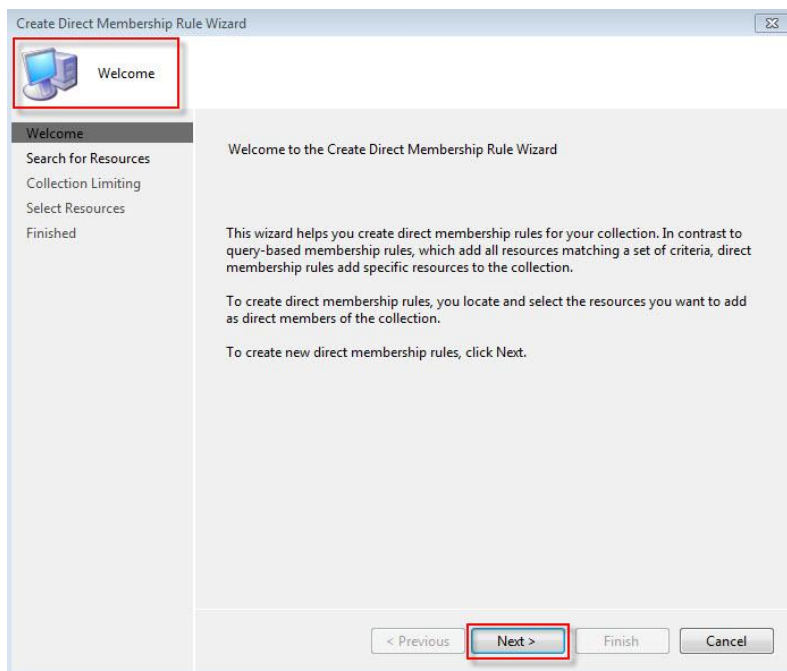
Click **"Next"**

When creating a "Direct" collection.

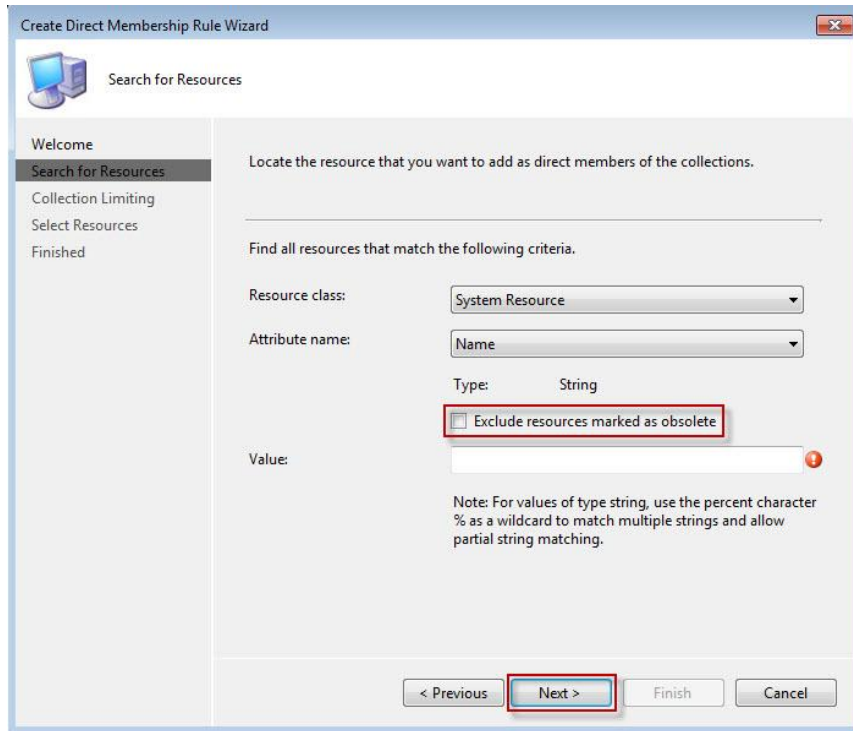Check or uncheck "Update this collection on a schedule" as required.

Click on **"Direct"**

Read the **Welcome** screen and click on **"Next"**

Search for Resources.

Within the "Resource class" drop down box you will see 4 x classes

1. User Resource

2. System Resource

3. User Group Resource

4. Unknown Computer

"Attribute Name" variables change with the selected "Resource Class" as expected.

For a Direct Collection check the **"Exclude resources marked as obsolete"**

Each Resource Class has a number of associated Attributes, at this point you may also define a specified parameter in the "Value" field using what information is known and the % wildcard character.eg

 "Resource class = System Resource
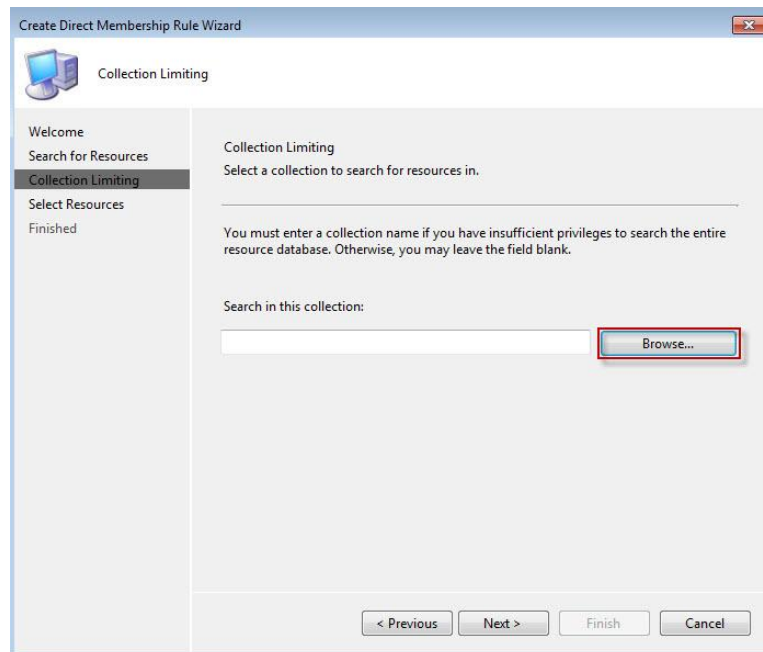
"Attribute name = Name

"Value" = tils-%

This example will return all PC's with a name beginning with "tils-"
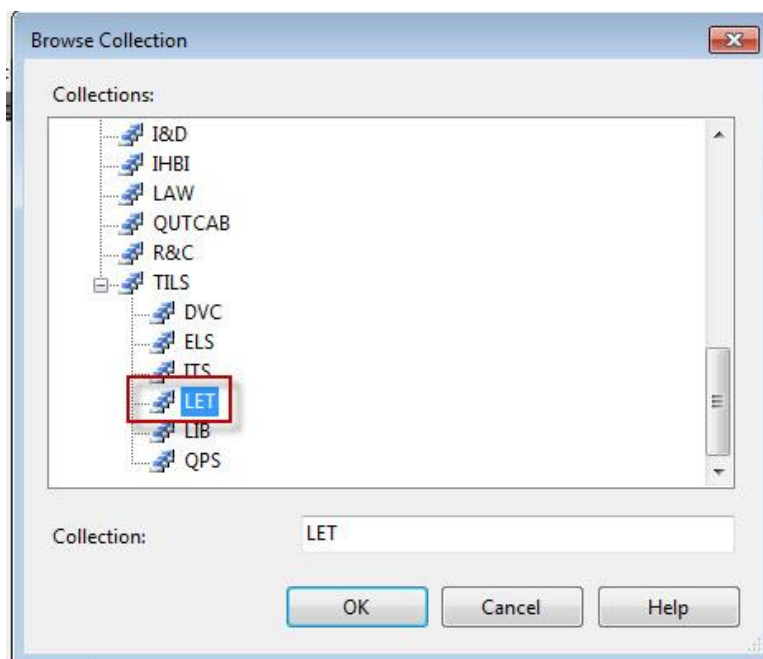
e.g. tils-let-123456 / tils-its-123456
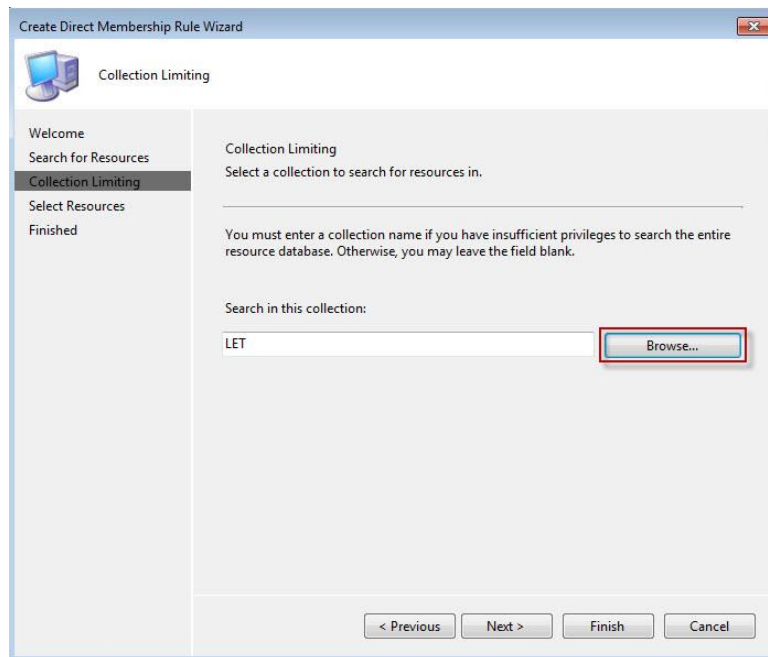
Click **"Next"**

In the "Collection Limiting" screen click on **"Browse"** to select the area in AD that you wish to target.
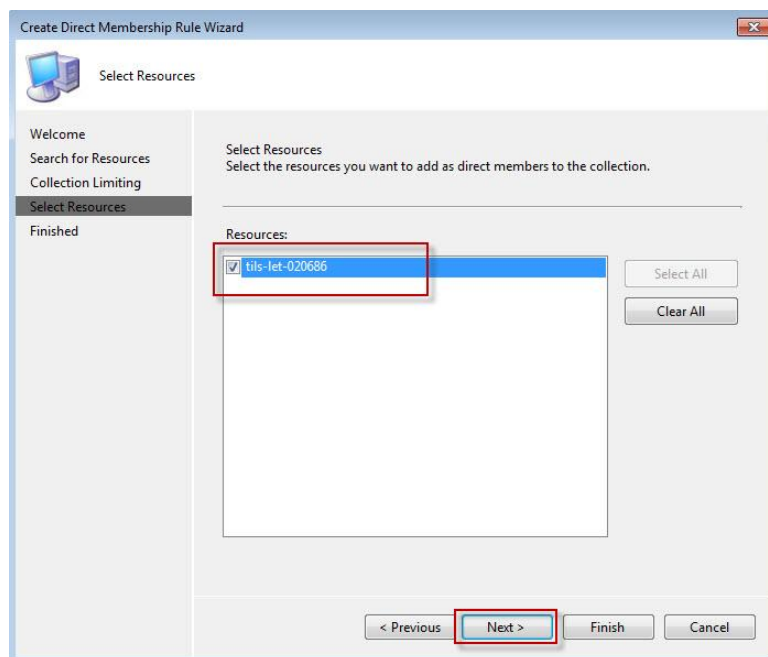

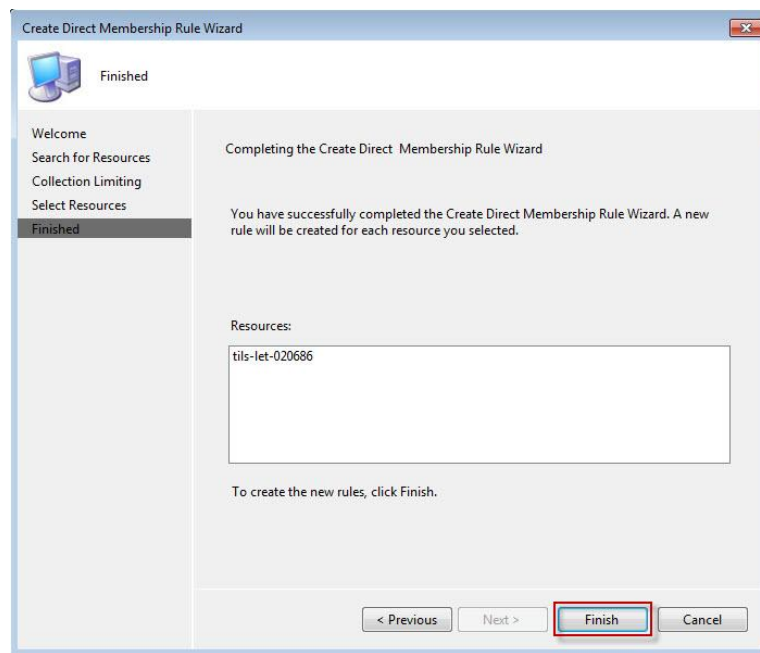Select the desired Collection OU and click on **"OK"**

Click on **"Browse"** to see the list of resources matching the selected criteria.

Check the box next to the desired resource and click on **"Next"**

Click on **"Finish"**

You have now finished the Membership Rules for your Direct Collection.

Click **"Next"** to take you to the "Advertisements" page.