

# Query Based Device Collections

Let's say you need to know what computers or servers are running a particular service, like DNS, BITS, or DHCP.

In this lecture I will guide you through creating a Device Collection. Then I will show you how to create a query rule that will tell you which server is running the DNS service.

Example #1

**First let's create a Device Collection.**



1. **First let's create a Device Collection**, From the **Workspace** click **Assets and Compliance**, from the **Navigation Pane** right-click **Device Collections**, then click **Create a Device Collection**, for Name type **Query Services**.
2. For **Limiting Collection**, click **Browse**, click **All Systems**, click ok, then click next. On the Membership Rules panel check the box **Use incremental updates for this collection**.
3. Click **Add Rule**, click **Query Rule**, for a **name** type **Services**.
4. Now click **Edit Query Statement**. Click **Criteria**, click the **orange Icon**. From **Criterion Properties**, Criterion Type use the default (Simple Value) For the **Where** clause, click **select**, for **attribute class**, scroll down and choose (**Services**), and for **Attribute** choose (**Name**), click ok.
5. For **Operator** use the default (is equal to)
6. Then click **Value**, select **DNS**, then click ok, click ok again, click ok, ok, then click next, next again, then click close.

- Now go back to Assets and Compliance and click Device Collections. Then click Query Services. Then press F5. Now we see that the Member count is one.
- Double click Query Services and we see that our Domain Controller SADC01 is the server that is running the DNS service.

Here are steps the 4,5,6 that we used in this example

#### Criterion Type – Simple

4. Where – **Services, Name**
5. Operator – is equal to
6. Value – **DNS**

