Knowledge Base Article: Article 225

How to Backup and Restore NSI configuration

Date: March 11th, 2011

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Section 1: Backup your current configuration

A. Backup your License Certificates

1. Save your NetReport license at:
    C:\Program Files\Click and DECiDE\NSI_license.cert (by default).

B. Backup NSI Log Acquisition Configuration

1. Start the **Management Console**: **Start>All Programs>Click and DECiDE>Network Security Intelligence>Management Console**.

    > **Note:** *the default login/password is now admin/admin.*

2. Navigate to **Click and DECiDE/localhost** (or **NetReport/localhost** for earlier version).

3. Click on **Backup**.
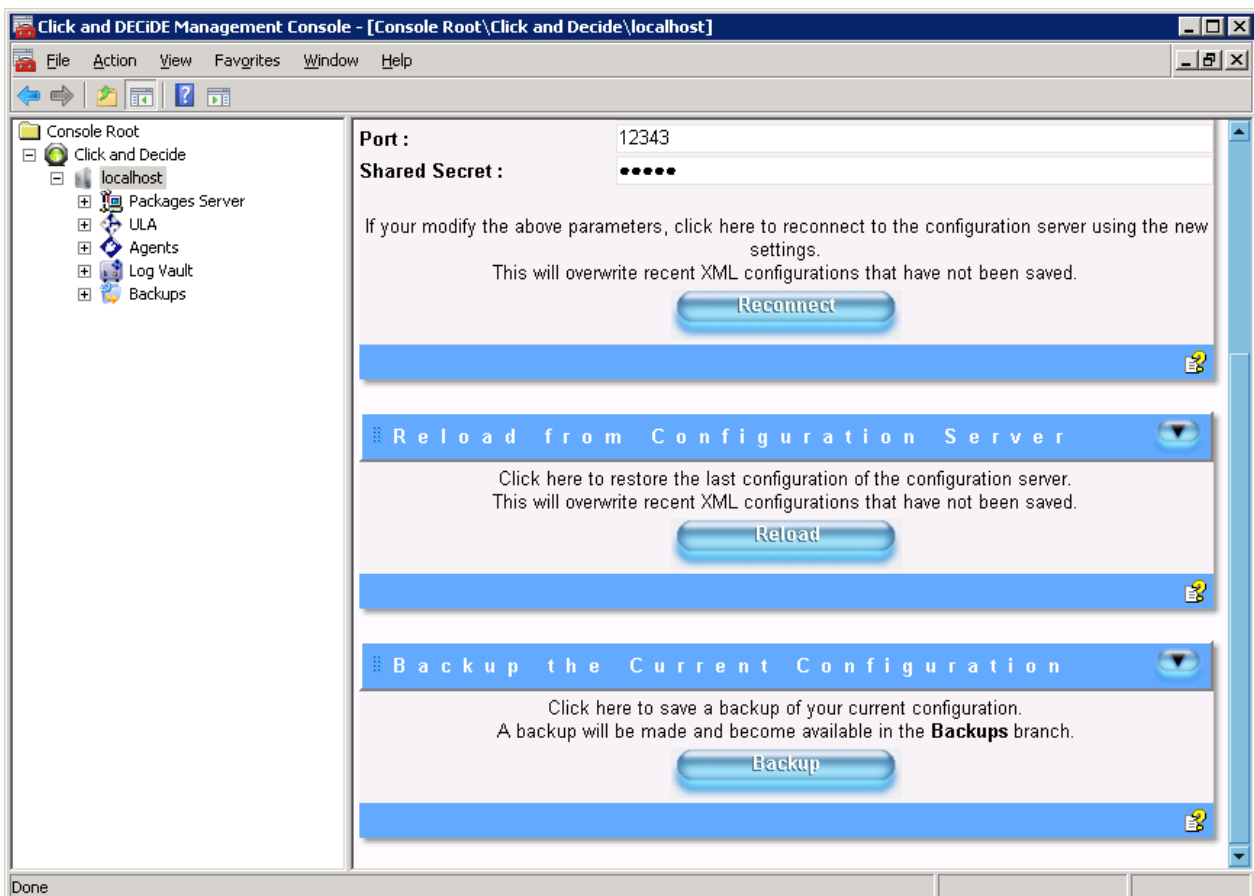
4. Save the new folder named **YYYYMMDD-HHMM-user-vNNNN** created in
    C:\Program Files\ Click and DECiDE\NSI\ConfigurationBackup (by default).

5. Close the **Management Console**.

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C. Backup NSI Web Portal Configuration

1. Start the **Administration Manager**: **Start>All Programs>Click and DECiDE>Administration Manager**.

2. Go to **File>Backup Security Database…**
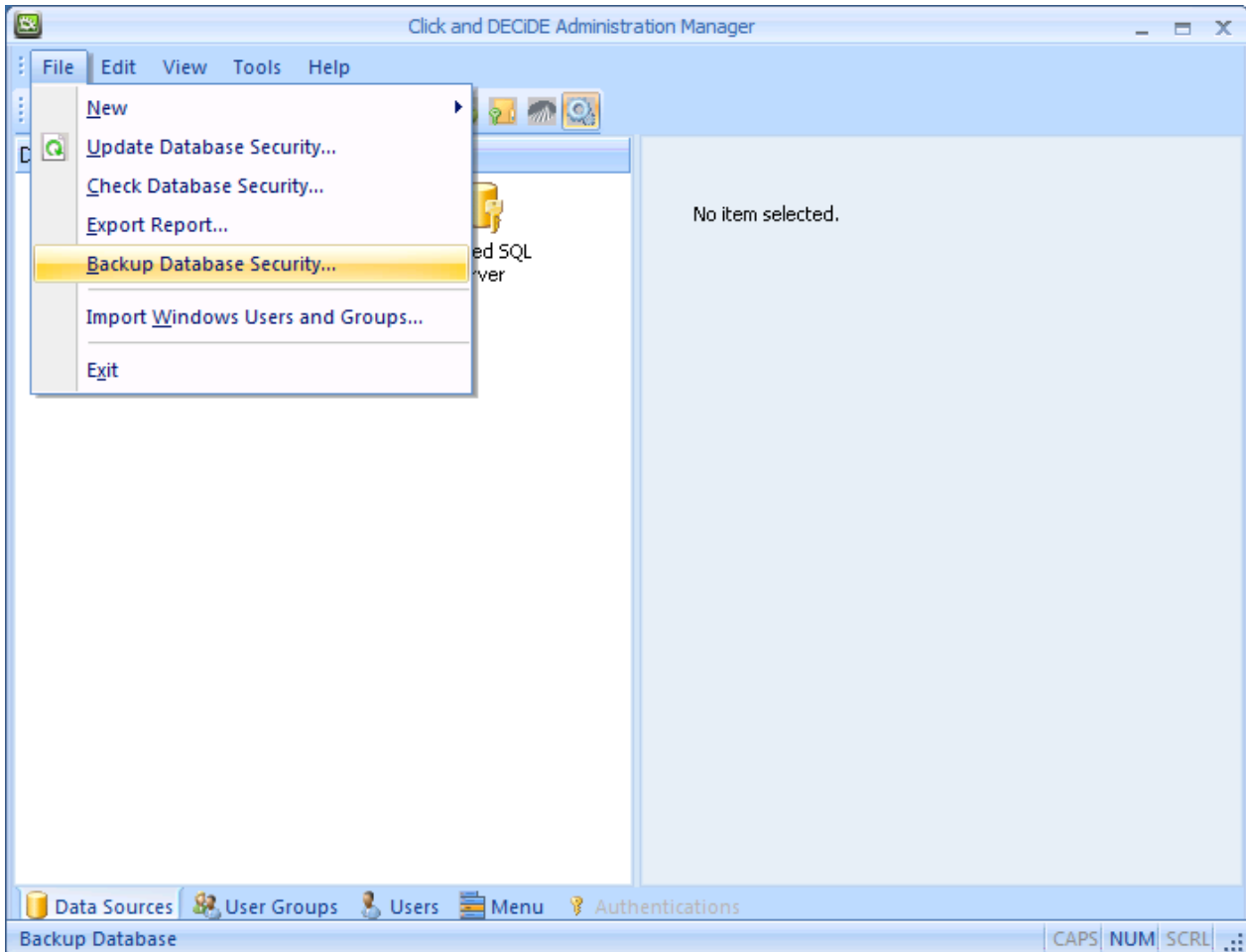
3. Save the Security Database configuration into a .bck file.

4. Close **Administration Manager**.

5. Save your own Click and DECiDE BAI projects (*.wfv files) created with Click and DECiDE Builder. We recommend to put these file in the **MyProject** folder located at:
   C:\Program Files\Click and DECiDE\BAI\Runtime_Projects\My Projects (by default).

6. Save the external files (for example, the images) used by your own Click and DECiDE BAI projects. We recommend to put these file with the other image files in the **Runtime_projects** folder located at:
   C:\Program Files\Click and DECiDE\BAI\Runtime_Projects (by default).

7. Save the standard reports and cubes (if applicable) respectively located in:
   C:\Program Files\Click and DECiDE\BAI\Runtime_Projects\enu (by default) and
   C:\Program Files\Click and DECiDE\BAI\Runtime_Projects\utilities (by default) and
   C:\Program Files\Click and DECiDE\BAI\Runtime_Projects\cubes (by default).

8. Save your customized menus (if applicable): these are the *.wmu files in the **Runtime_projects** folder located at:
   C:\Program Files\Click and DECiDE\BAI\Runtime_Projects (by default).

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9. Save the scheduled tasks configuration file **d7tasks.xml** located at:
    C:\Program Files\Click and DECiDE\BAI\d7tasks.xml (by default).

10. Save your own script (if applicable) which are located in:
   **C:\Program Files\Click and DECiDE\BAI\TaskScripts** (by default).

D. Backup the database files

Whereas it does not concerns NSI Configuration we strongly recommend to regularly backup the netreport database. Please consult your Database Administrator for this task.

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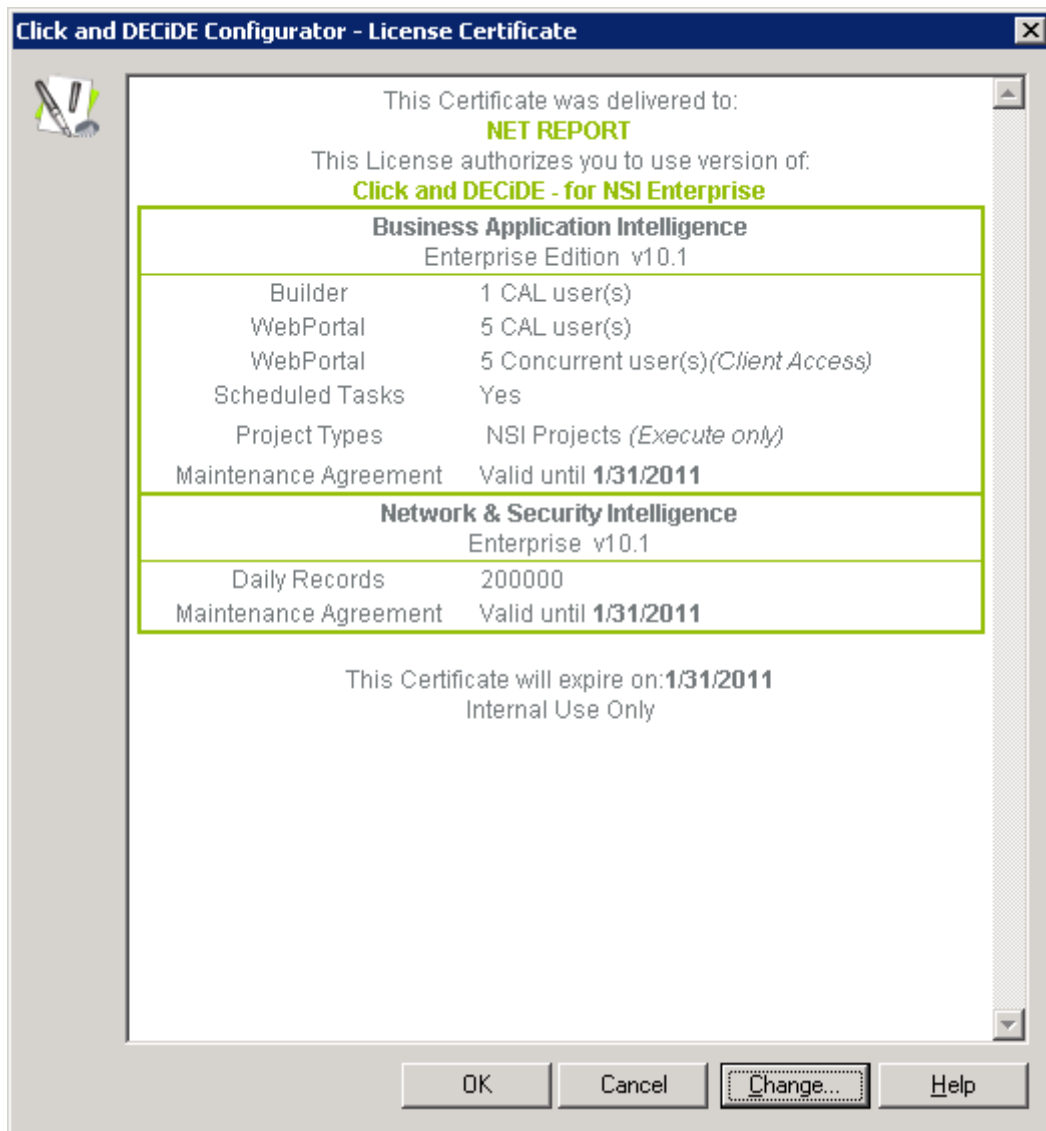
Section 2: Restore your configuration

A. Enter your License Certificate

1. Launch the **Log Source Configuration: Start>All Programs>Click and DECiDE>Network Security Intelligence>Management Console**.

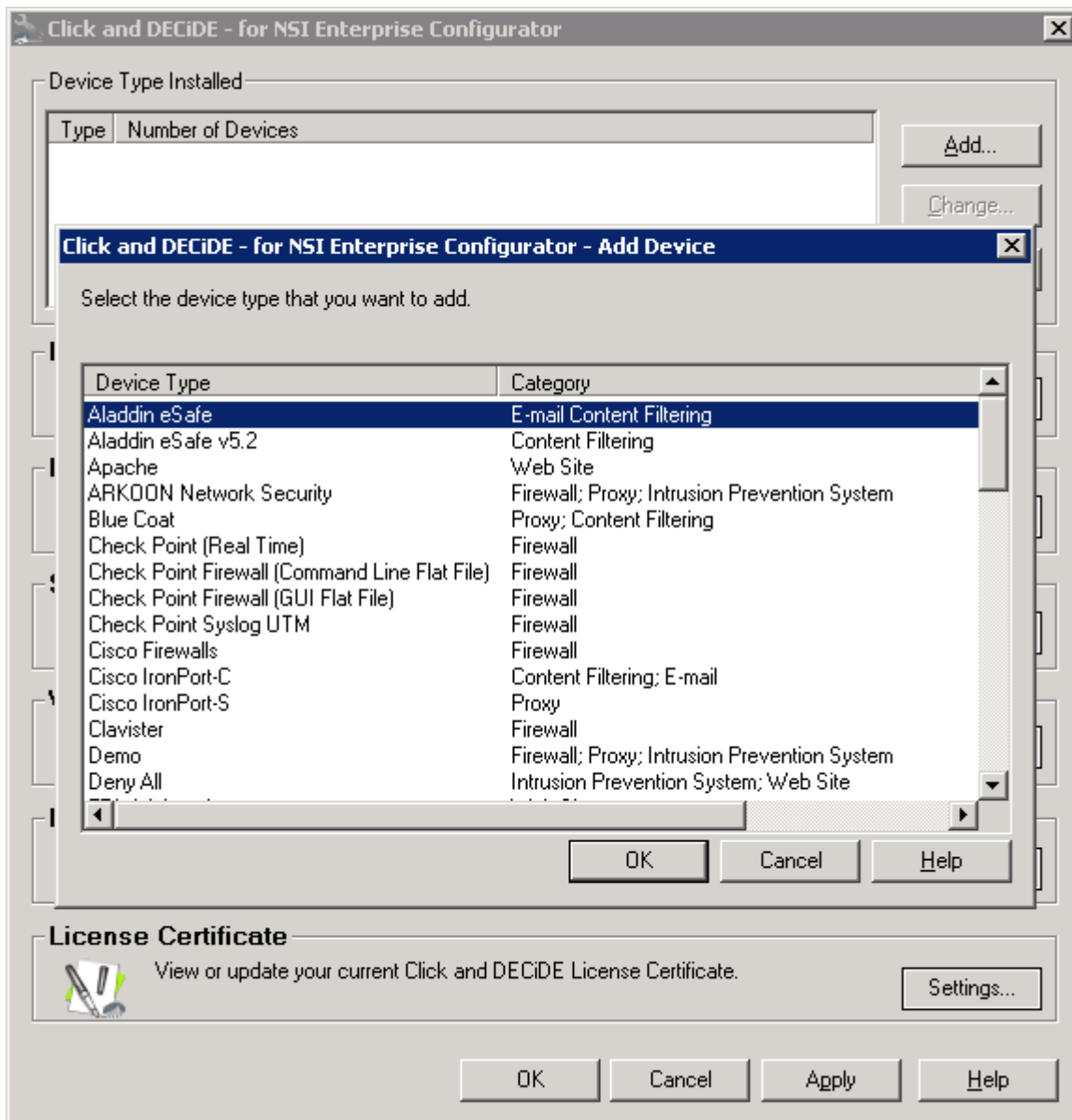2. Click **Settings…** in the **License Certificate** section.

3. Click **Change…**

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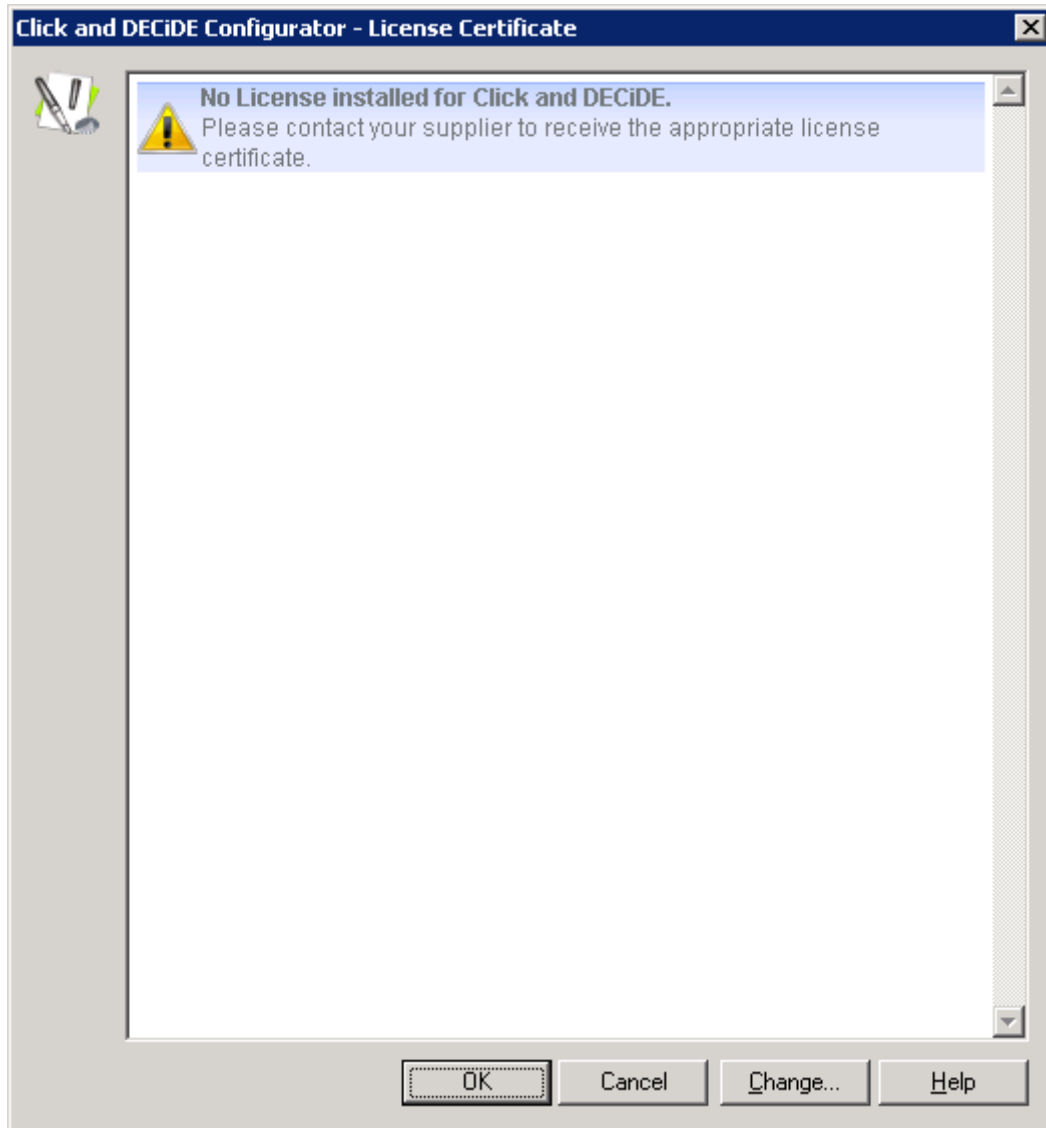
4. Select the License Certificate we sent you for Click & DECiDE - NSI 10.1.2.

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5.   Click **OK**.

6.   Click **Cancel**.

7.   Click **Cancel** and exit the **Log Source Configuration**.
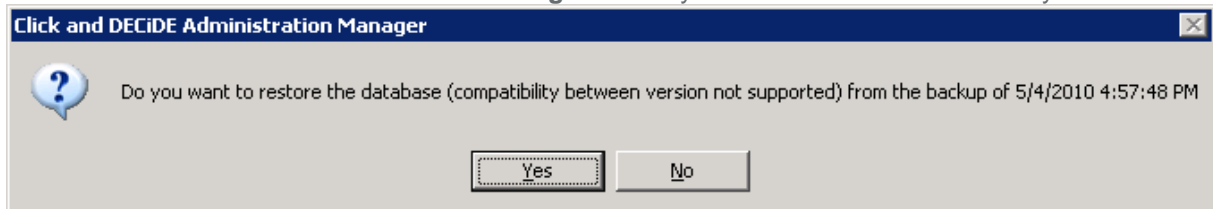
B. Restore the WebPortal Configuration

1.   Restore your own Click and DECiDE BAI projects (*.wfv files) created with Click and DECiDE Builder (see Section 1.C.5). We recommend to put these file in the **MyProject** folder located at:
C:\Program Files\Click and DECiDE\BAI\Runtime_Projects\My Projects (by default).

2.   Restore the external files (for example, the images) used by your own Click and DECiDE BAI projects (see Section 1.C.6). We recommend to put these file with the other image files in the **Runtime_projects** folder located at:
C:\Program Files\Click and DECiDE\BAI\Runtime_Projects (by default).

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> *Note: Do not replace any existing files. Complete the guide first and then modify the files you think are appropriate.*

3. Restore the standard reports and cube (see Section 1.C.7) located in:
   C:\Program Files\Click and DECiDE\BAI\Runtime_Projects\enu (by default) and
   C:\Program Files\Click and DECiDE\BAI\Runtime_Projects\utilities (by default) and
   C:\Program Files\Click and DECiDE\BAI\Runtime_Projects\cubes (by default).

4. Restore your customized menus (see Section 1.C.8) in the **Runtime_projects** folder located at:
   C:\Program Files\Click and DECiDE\BAI\Runtime_Projects (by default).
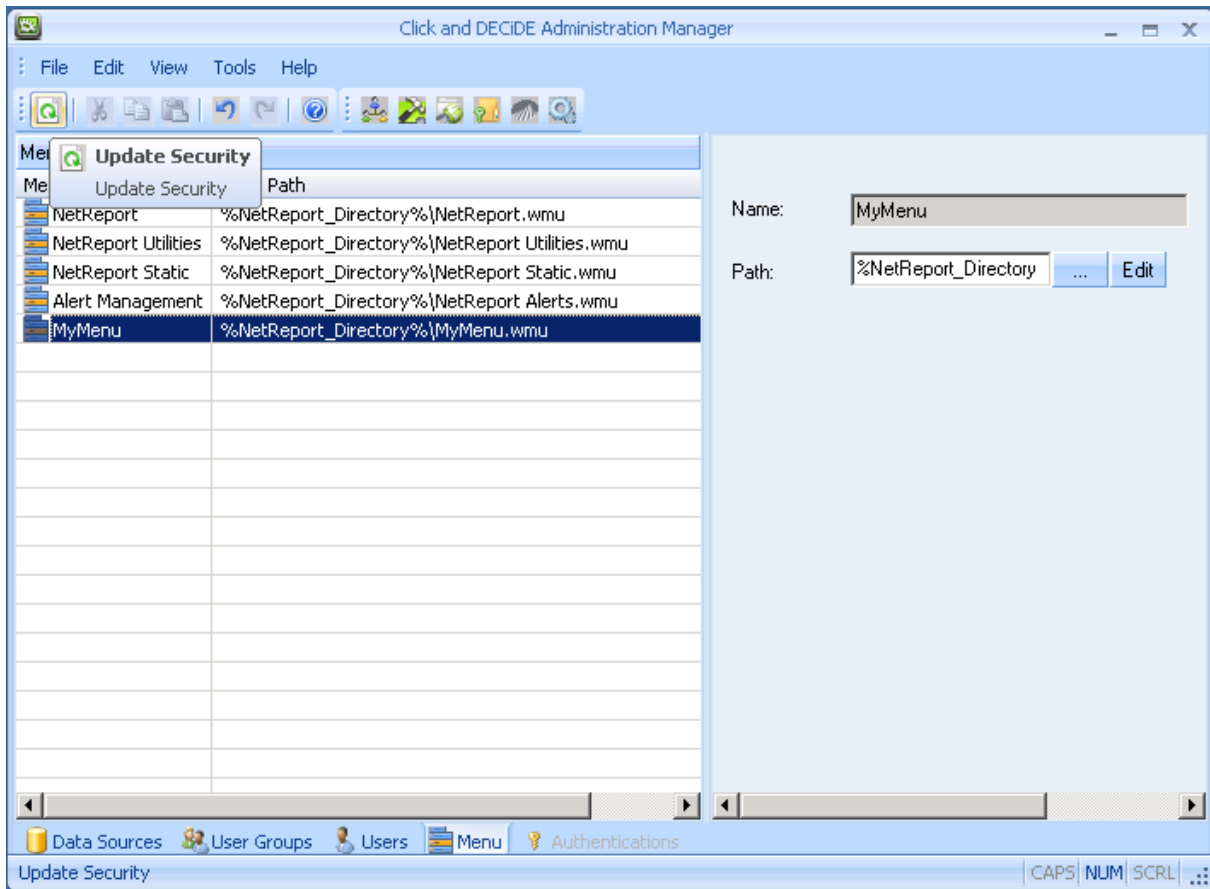
> *Note: Do not replace any existing menu. Complete the guide first and then modify the menu with the **Menu** editor.*

5. Locate the Security Database backup file (.bck) from Section 1.C.3 on your hard drive.

6. Double click on the file. **Administration Manager** asks if you want to restore the Security Database.

Click and DECiDE Administration Manager

Do you want to restore the database (compatibility between version not supported) from the backup of 5/4/2010 4:57:48 PM

Yes   No

7. Click **Yes**.

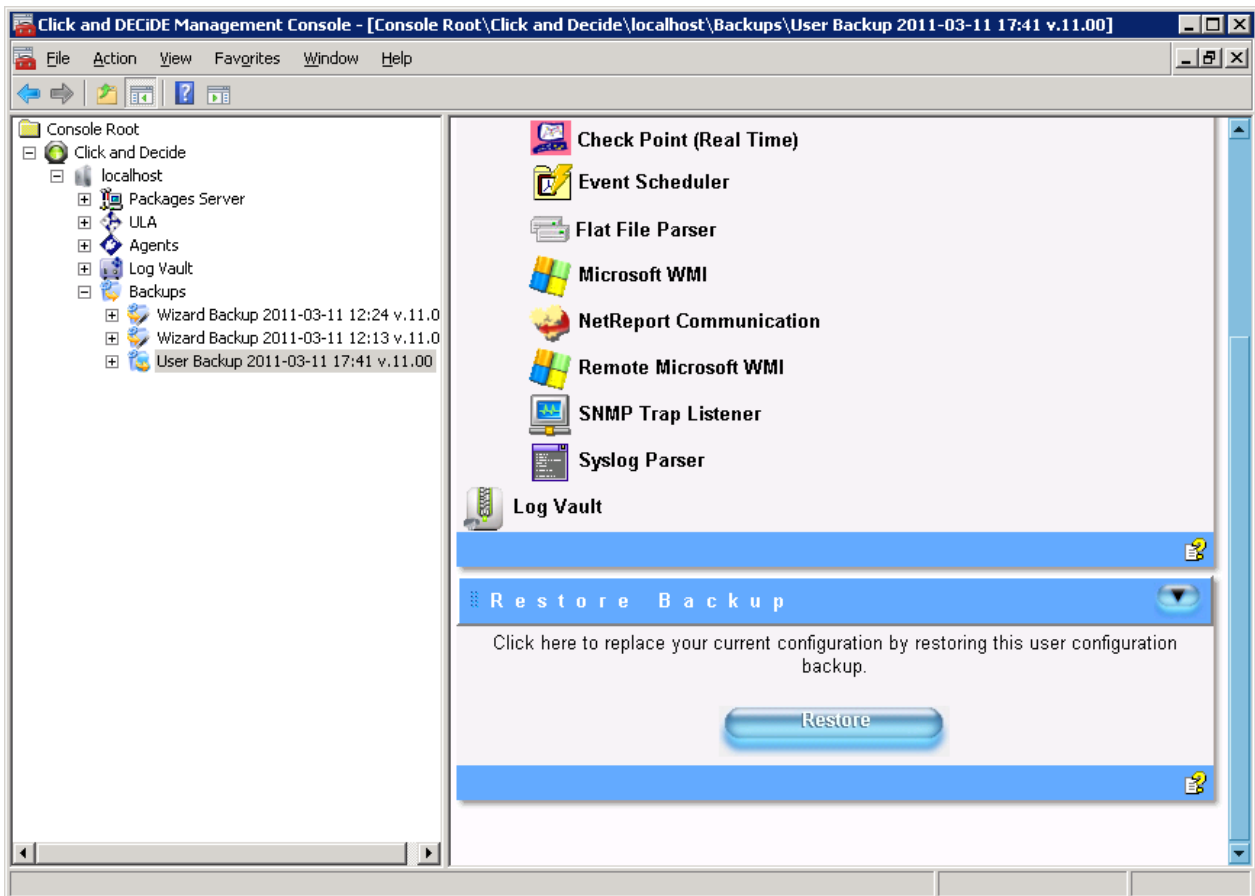www.clickndecide.com

8. Click **Update Security** icon

9. Click **OK**.

10. Close **Administration Manager**.

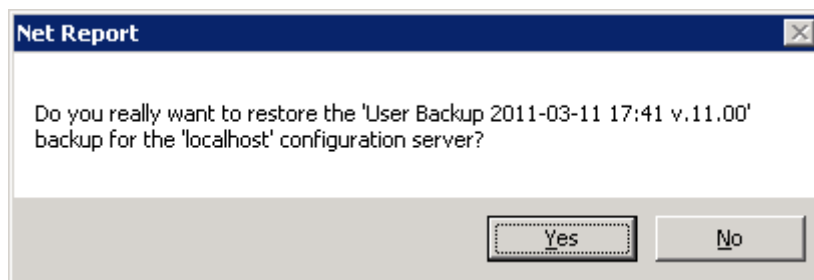## C. Restore your custom NSI Log Sources Configuration

1. Copy the **YYYYMMDD-HHMM-user-vNNNN** folder (see Section 1.B.4) to the folder:
   C:\Program Files\Click and DECiDE\NSI\ConfigurationBackup

2. Open the **Management Console**:
   Start>All Programs>Click and DECiDE>Network Security Intelligence>Management Console.

   Note: the default login/password is now admin/admin.
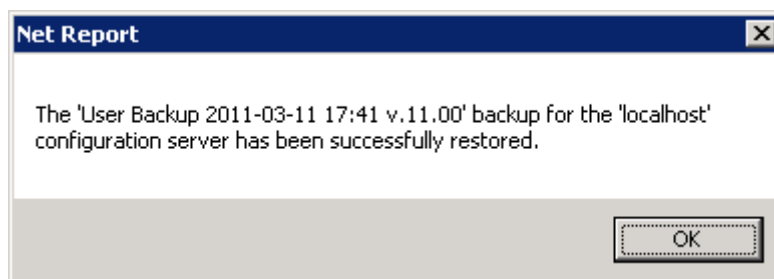
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3. Navigate to **Click and DECiDE/localhost/Backups/User Backup YYYY-MM-DD HH:MM v.NN.NN** (or **NetReport/localhost/Backups/User Backup YYYY-MM-DD HH:MM v.NN.NN** for earlier version).
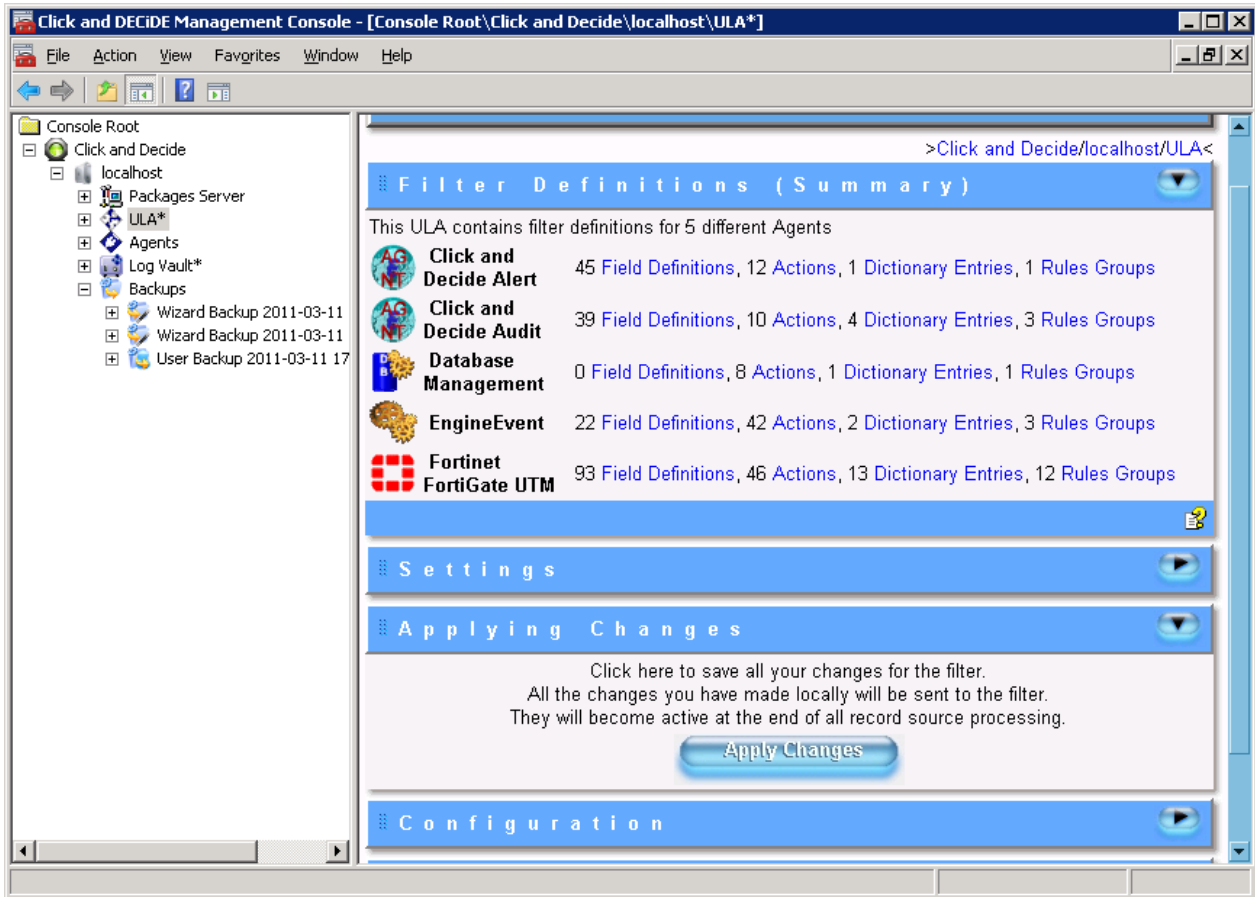

4. Click **Restore**.

5. Click **Yes**.

6. Click **OK**.

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7. Navigate to **Click and DECiDE/localhost/ULA** (or **NetReport/localhost/ULA** for earlier version).
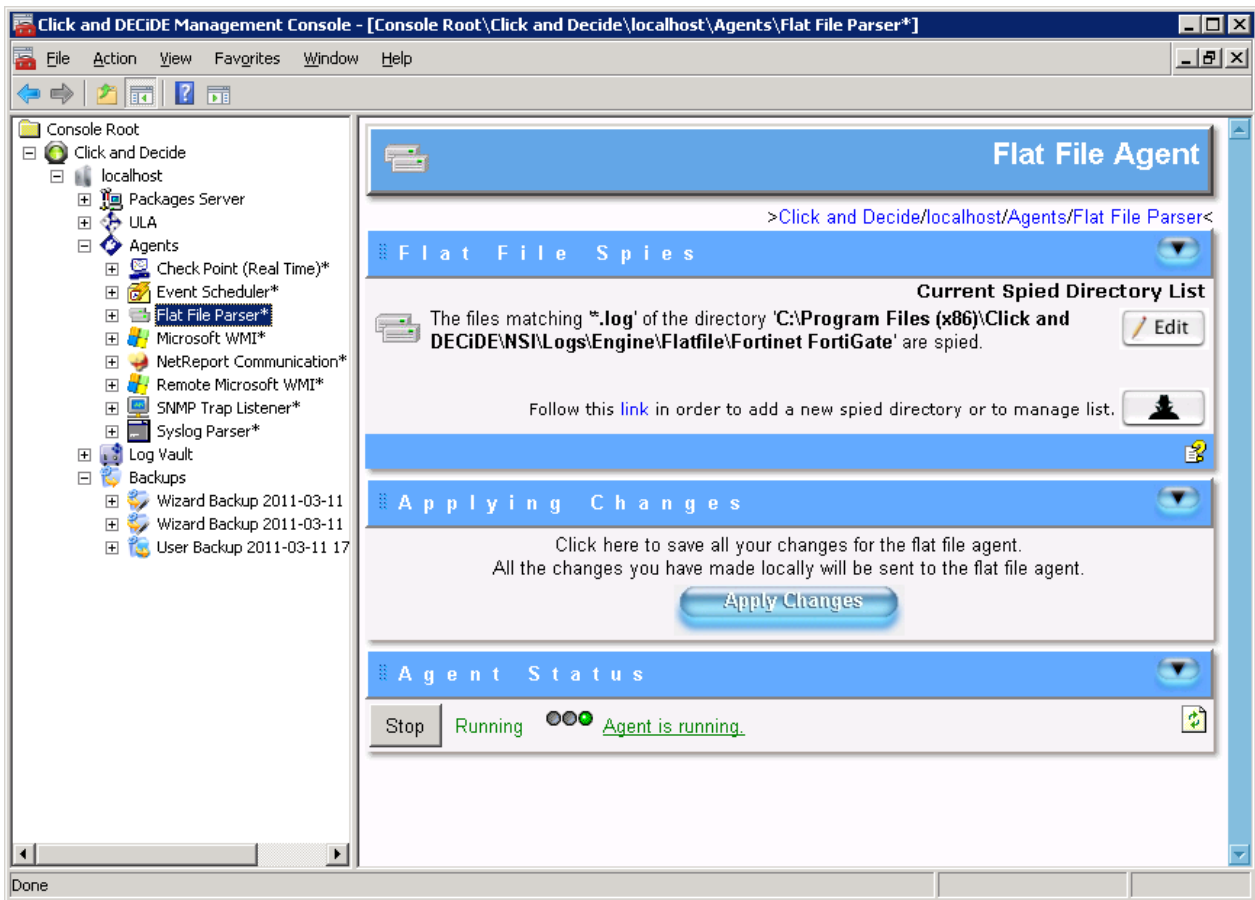
8. Click **Apply Changes**.

9. Navigate to **Click and DECiDE/localhost/Log Vault** (or **NetReport/localhost/Log Vault** for earlier version).

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10. Click **Apply Changes**.
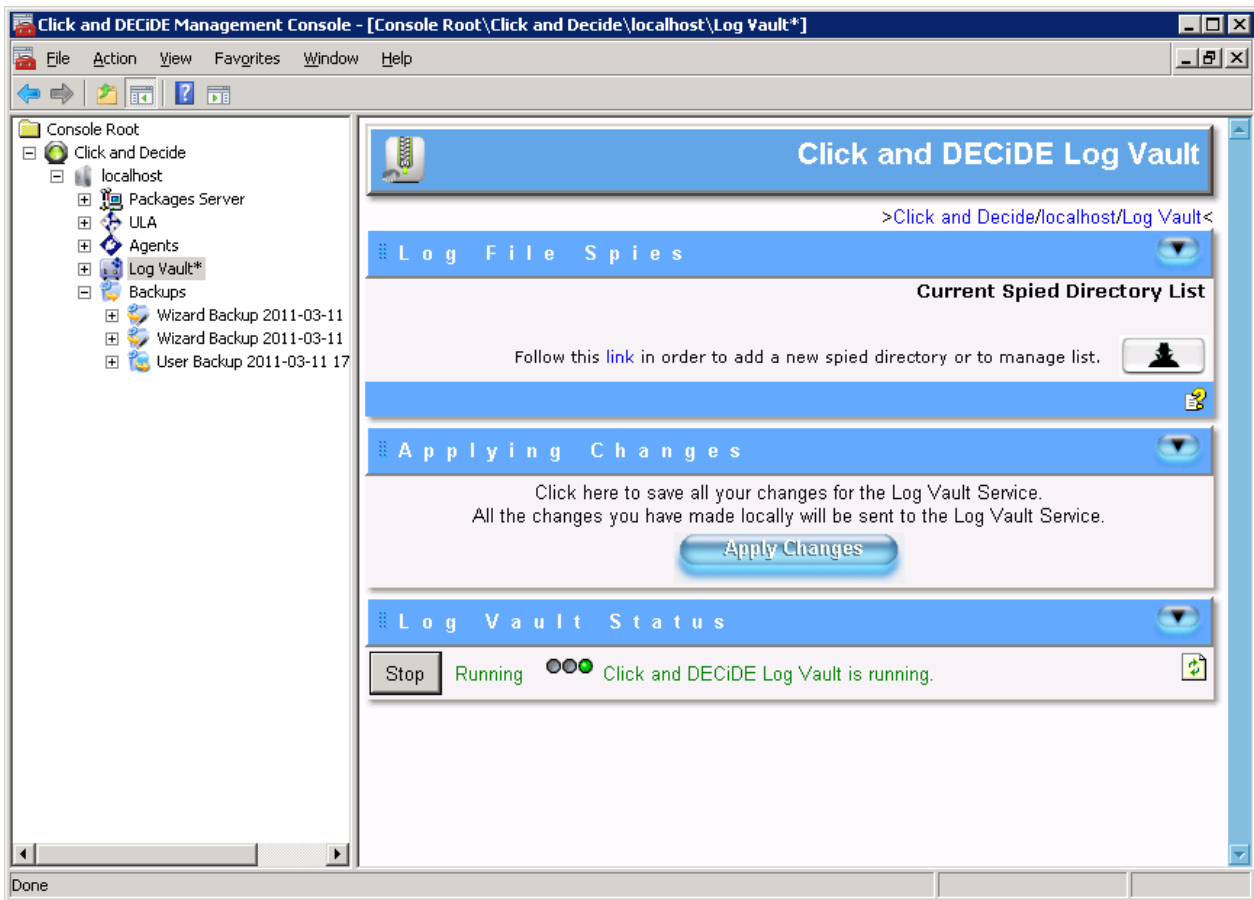
11. Open the **Click and DECiDE/localhost/Agents** (or **NetReport/localhost/Agents** for earlier version) sub-tree.

12. Navigate to a node with an asterix (*).

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13. Click **Apply Changes**.

14. Repeat step 12. and 13. for every agent with an asterix (*).

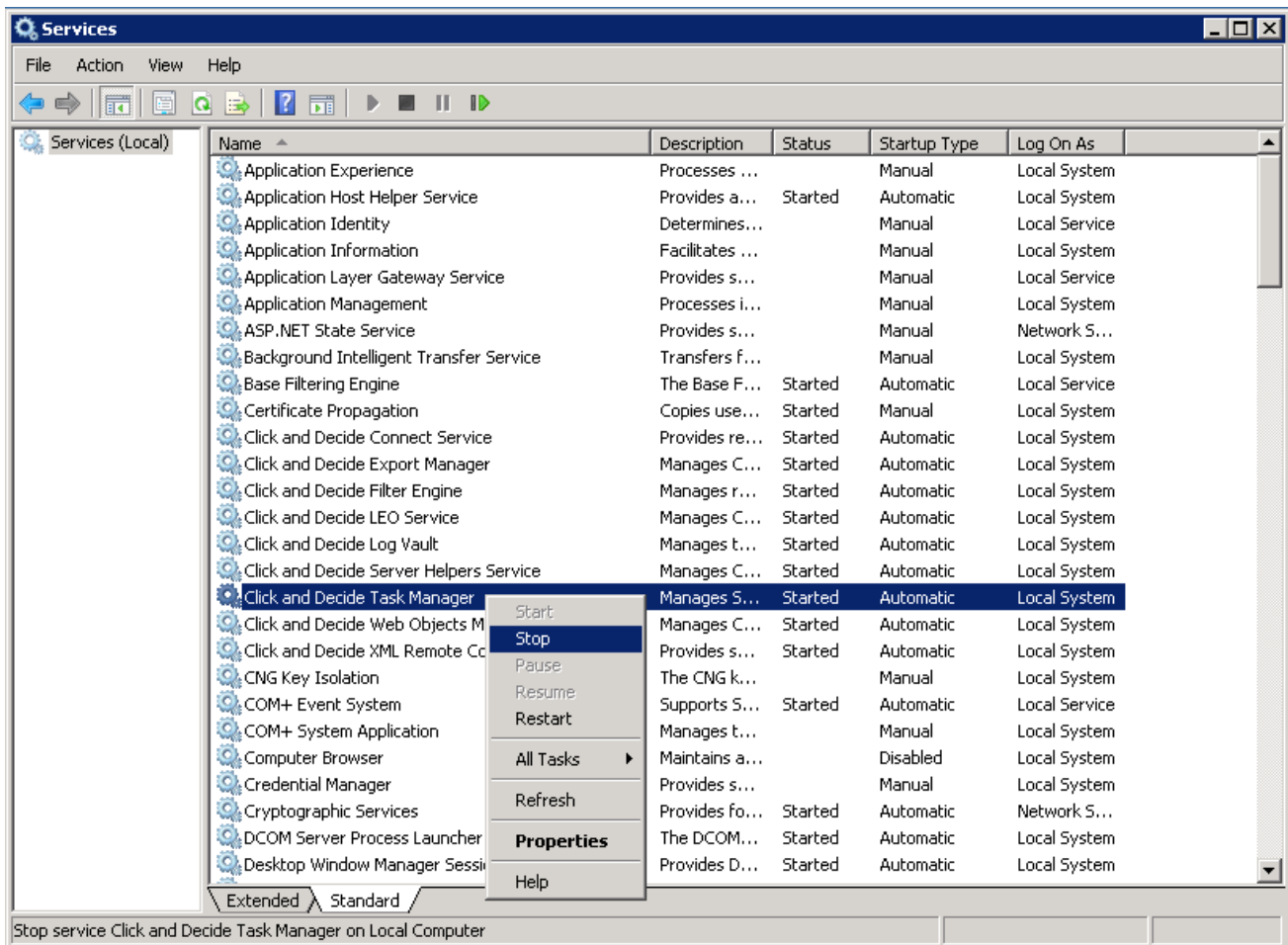15. Close the **Mangement Console**.

D. Restore the Scheduled Tasks

For version 11 and later:

1. Open **Web Portal**: **Start>All Programs>Click and DECiDE>Web Portal**.

2. Click the **Scheduled Tasks & Tasks** tab.

3. Click .

4. Click **Continue**.

5. Click **Browse….**

6. Select the scheduled tasks configuration file **d7tasks.xml** (see Section 1.C.9) you have backed up.

7. Click **Open**.

8. Click **Import**.

For earlier version:

1. Open the **Services** Management Console: **Start>Administrative Tools>Services**

2. Right click on **Click and DECiDE Task Manager** and select **Stop**

3. Restore the scheduled tasks configuration file **d7tasks.xml** (see Section 1.C.9) located in:
    C:\Program Files\Click and DECiDE\BAI (by default).

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4. In the **Services** Management Console, right click on **Click and DECiDE Task Manager** and select **Start**.
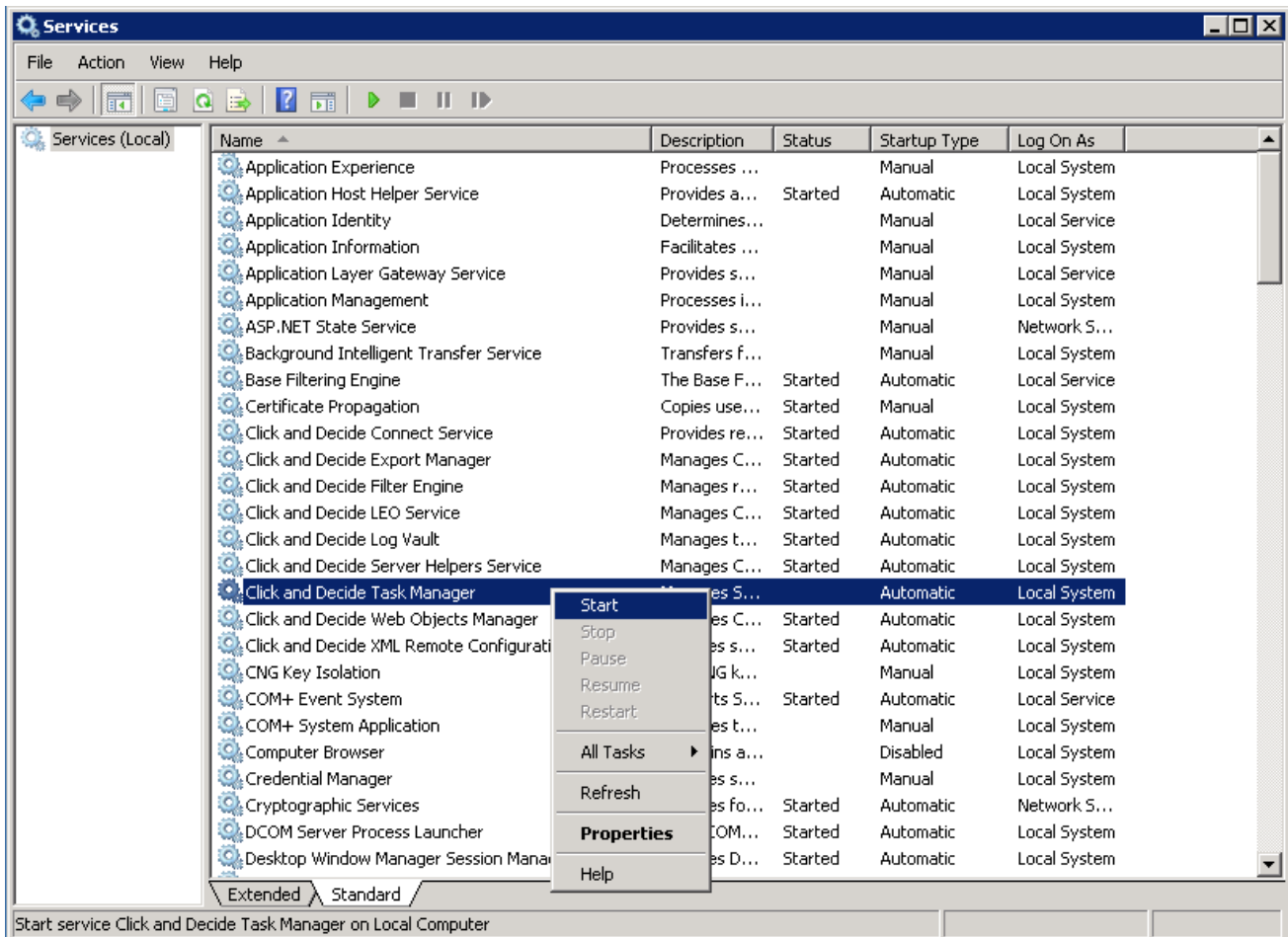
5. Close the **Services** Management Console.

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Section 3: Check your configuration

A. Log Acquisition

1. Start the log treatment.

2. Open the **Performance Counters**: **Start>Administrative Tools>Performance**.

3. Click the **+** in the toolbar.

4. Select the **NetReport Filter Engine** Performance object and select **All counters**.
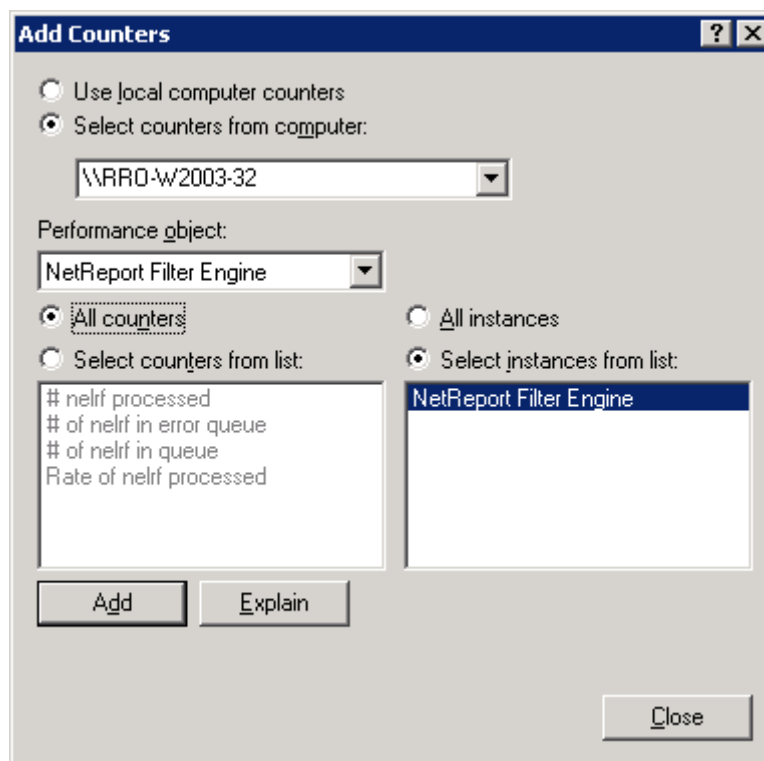
5. Click **Add**.

6. Click **Close**.

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7. Check that you don't have any nelrf (Click&DECiDE events) in the error queue.
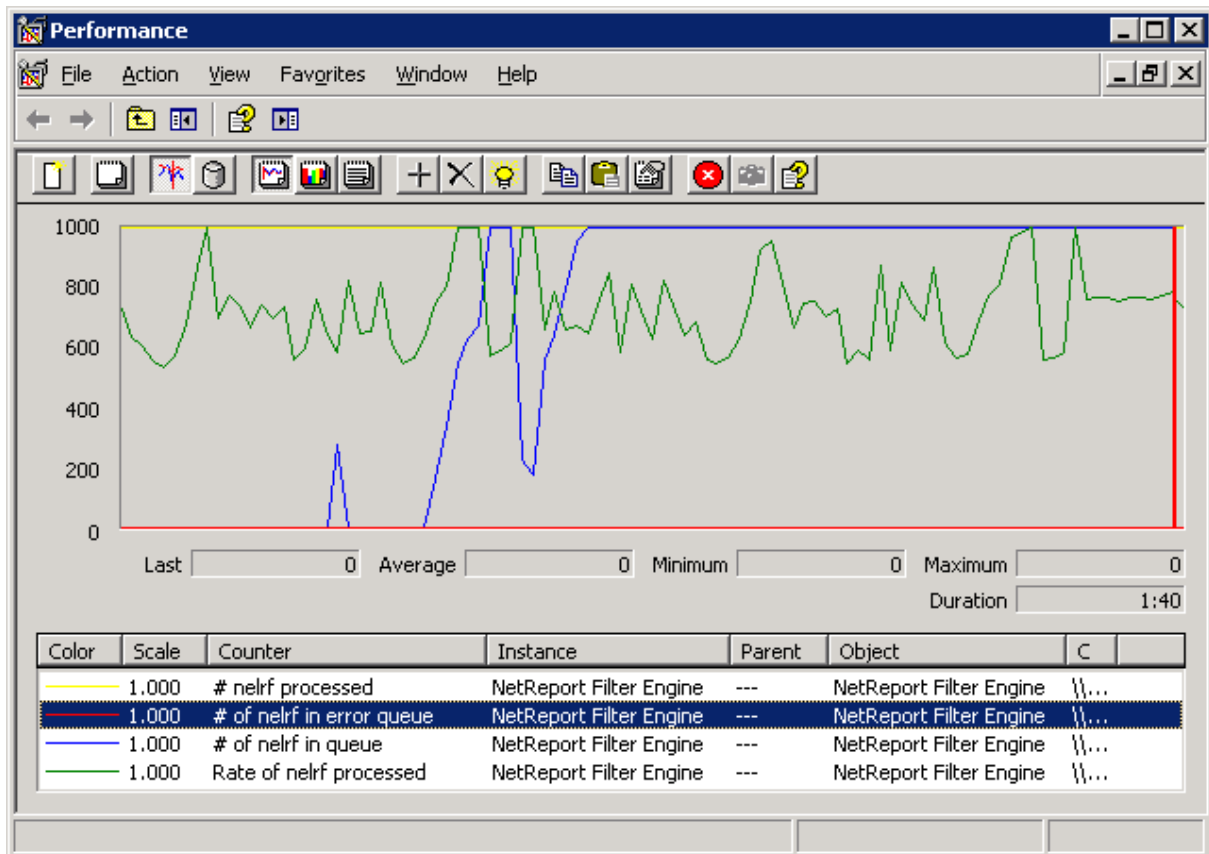
> *Note: the engine queues are stored in the folder C:\Program Files\Click and DECiDE\NSI\Error agent Storage. You can modify the destination of these files by changing the registry value:*
> *HKEY_LOCAL_MACHINE\SOFTWARE\NetReport\MC\Agents\Error\StoragePath.*
> *You have to restart the Click & DECiDE Filter Engine service after any change*

B. Log Insertion

1. Open **Web Portal**: **Start>All Programs>Click and DECiDE>Web Portal**.

2. Navigate to **NSI Utilities/Database Status**.

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3. Open the project for the category of the log you have acquired. For example: **Firewall Statistics Utilities**.
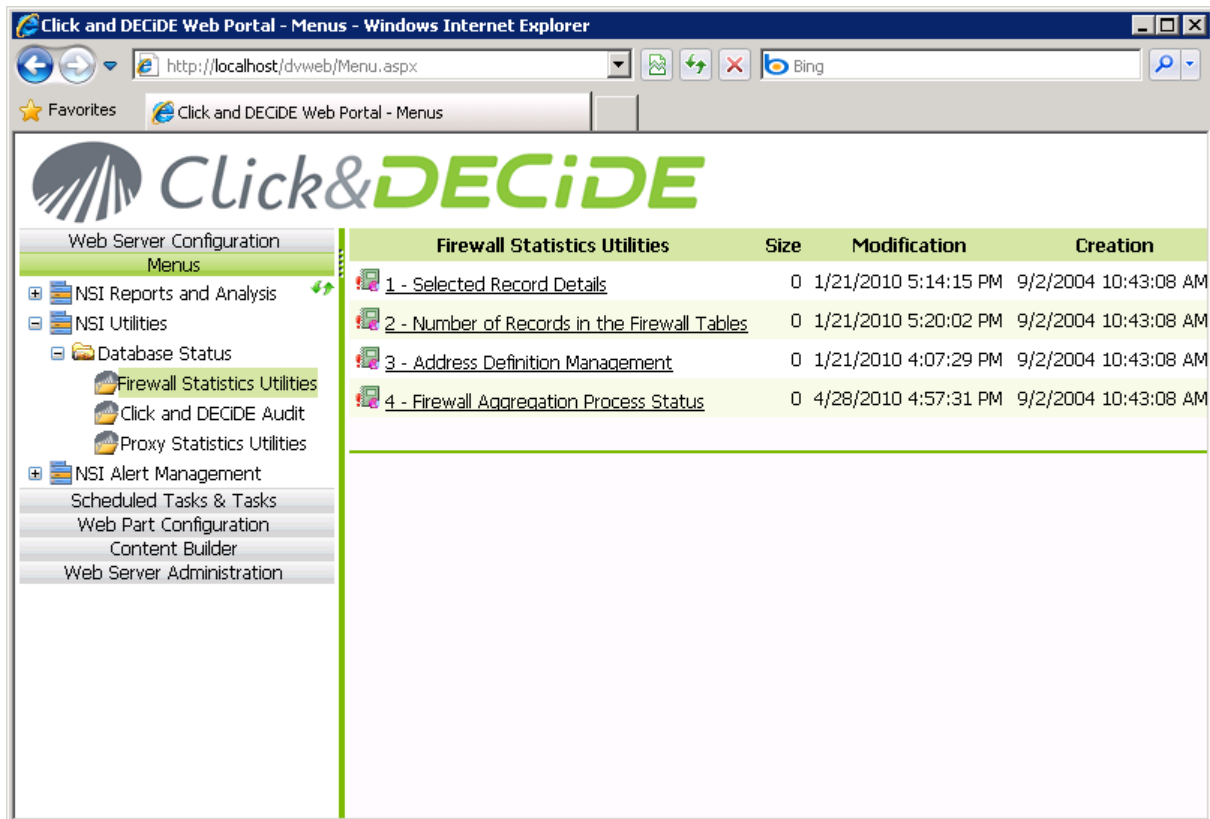
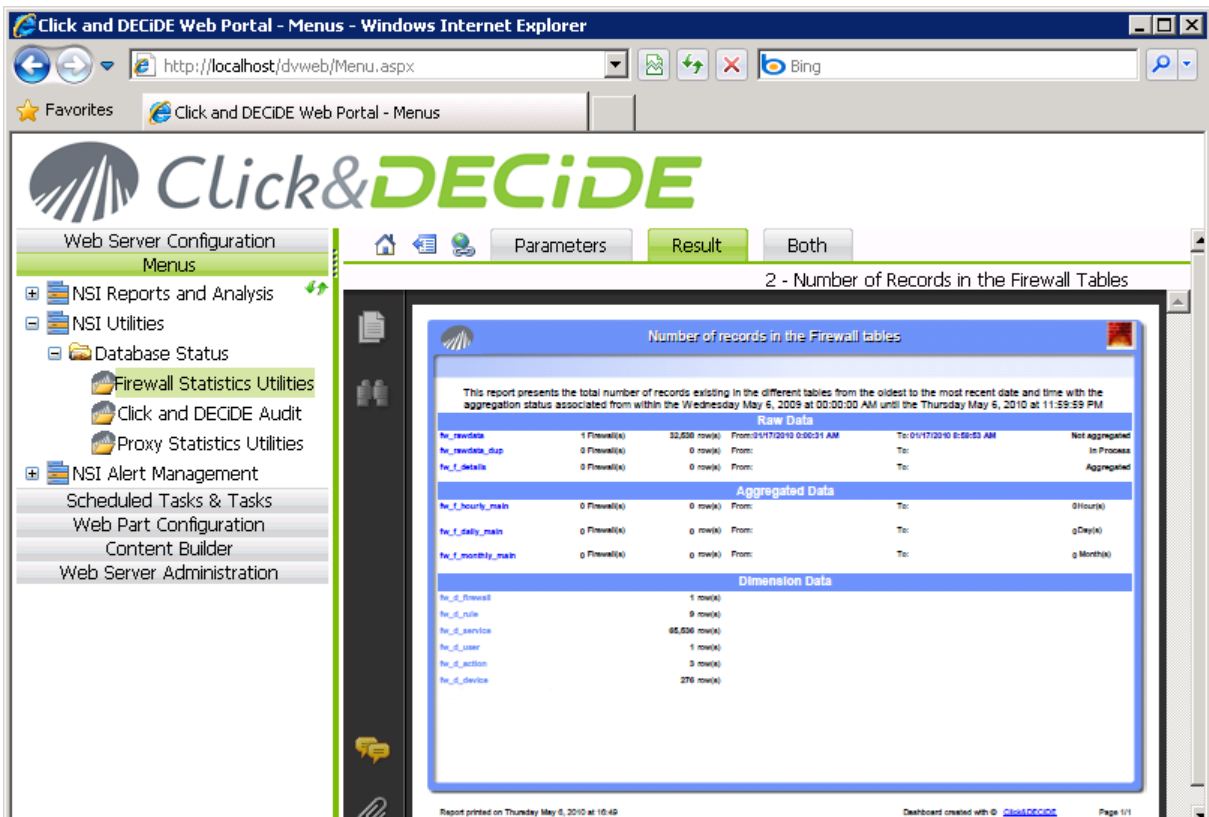4. Open the report **2 - Number of Records in the Firewall Tables**.

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5. Enter the time interval corresponding to the date of your logs. For example, if you are parsing logs from 10 days ago, enter 10 in the first text box.
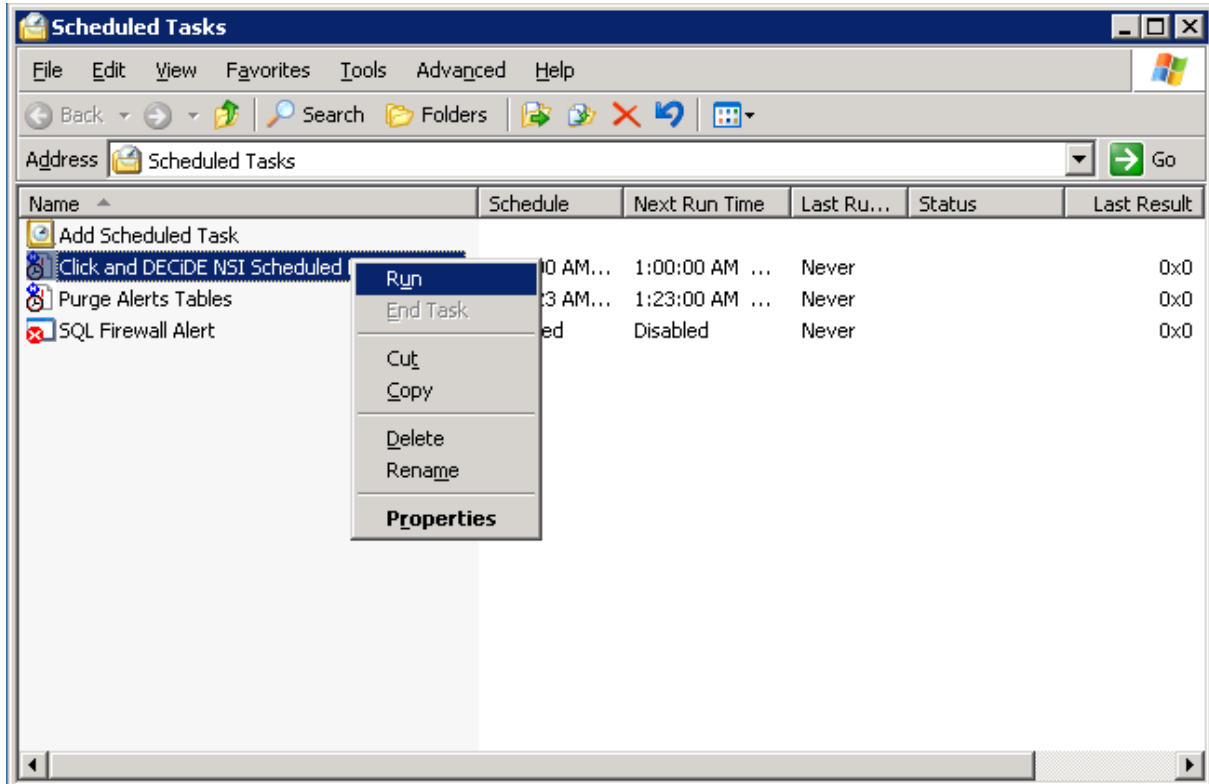

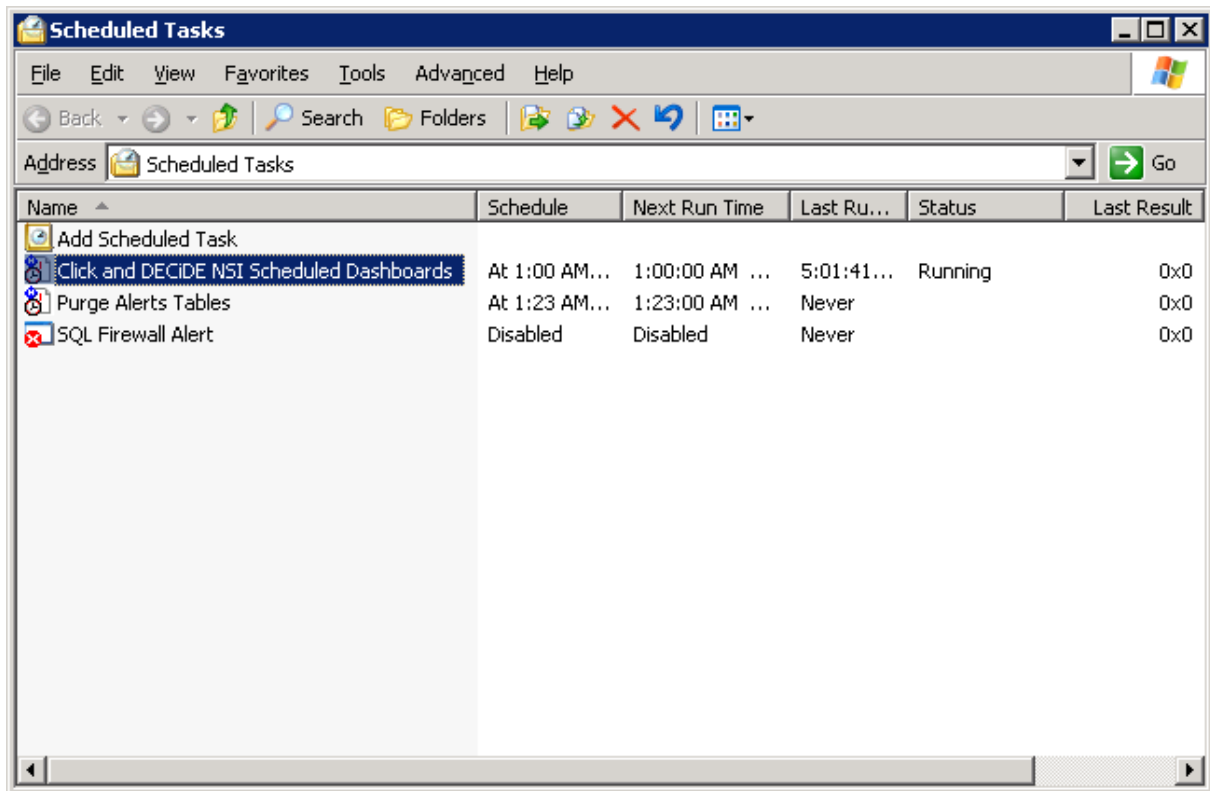6. Click **Run**.

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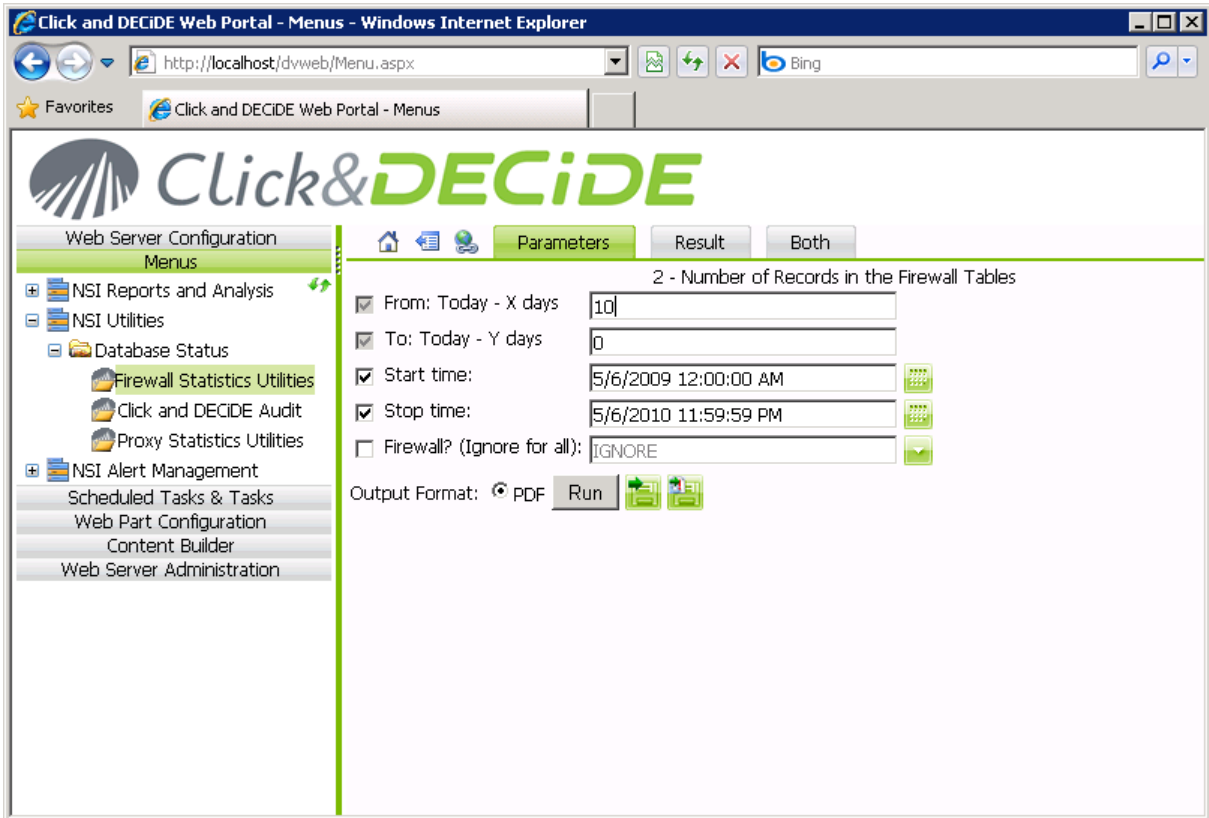
7. Check that logs are inserted into the rawdata table.

C. Report Generation

1. Open the **Scheduled Tasks** panel: **Start>Control Panel>Scheduled Tasks**.

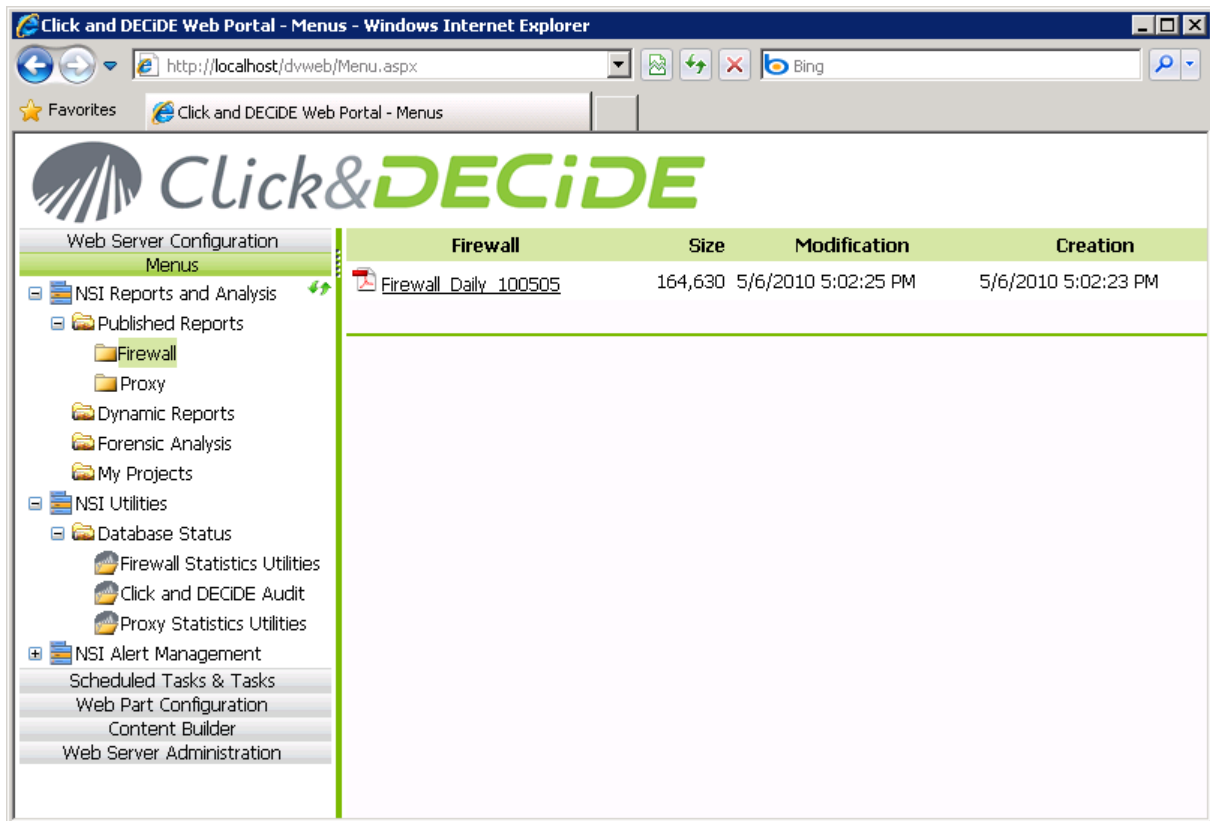2. Right Click on **Click and DECiDE Scheduled Dashboards** and select **Run**.

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3. Wait for the task to complete (it may take some time depending on the volume of your logs).

4. Return to **Web Portal** (see Section 5.B).

5. Navigate to **NSI Reports and Analysis/Published Report**.

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6. Select the category of the log you have acquired. For example: **Firewall**.
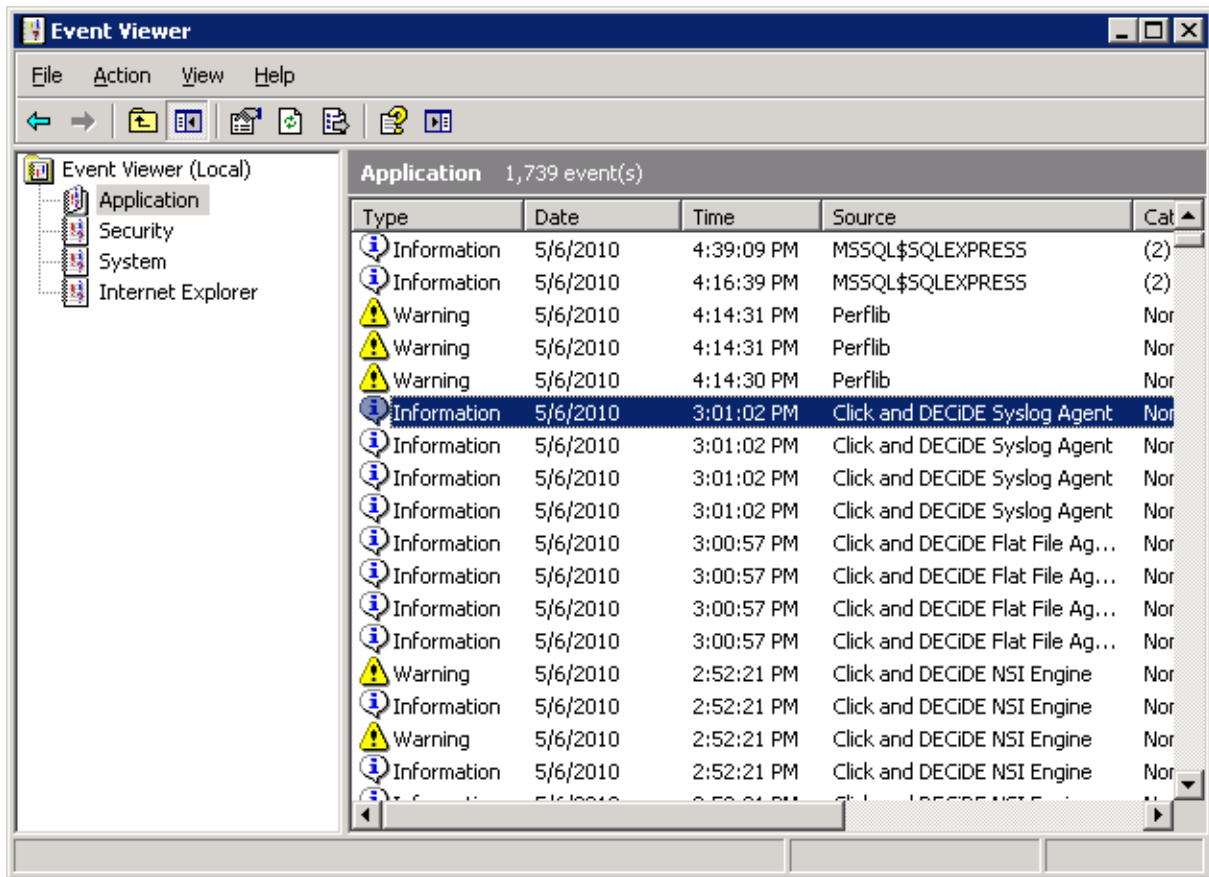

7. Check that a report has been generated. If you have inserted yesterday's logs, the reports should contain some data.

D. Event Viewer

1. Open the **Event Viewer**: **Start>Administrative Tools>Event Viewer**.

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2. Select the **Application** event log.

3. Check that there are no error from a Click and DECiDE process.

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