

Knowledge Base Article: Article 243

NSI Click&DECiDE Migration

How to install Click & DECiDE - NSI 11.1 over NSI 10.2

Date: July 9th, 2013

Table of Contents

Table of Contents	1
Before the Migration	1
Section 1: Backup your current configuration.....	2
Section 2: Update Click & DECiDE - NSI	11
Section 3: Restore your configuration	19
Section 4: Check your configuration.....	26

Before the Migration

Send us the audit document you have generated using the files included in the zip **ClicknDECiDE_NSI_Migration_Request.zip** found here:

http://www.clickndecide.com/downloads/WebDoc/Support/ClicknDECiDE_NSI_Migration_Request.zip

Once done, we will provide you a new license for the Click & DECiDE - NSI 11.1.

Download the last release of Click & DECiDE here:

http://license.clickndecide.com/downloads/cndnsi_request.aspx

Note: the operations described in this article require a full access to the computer. Be sure to be logged as an Administrator.

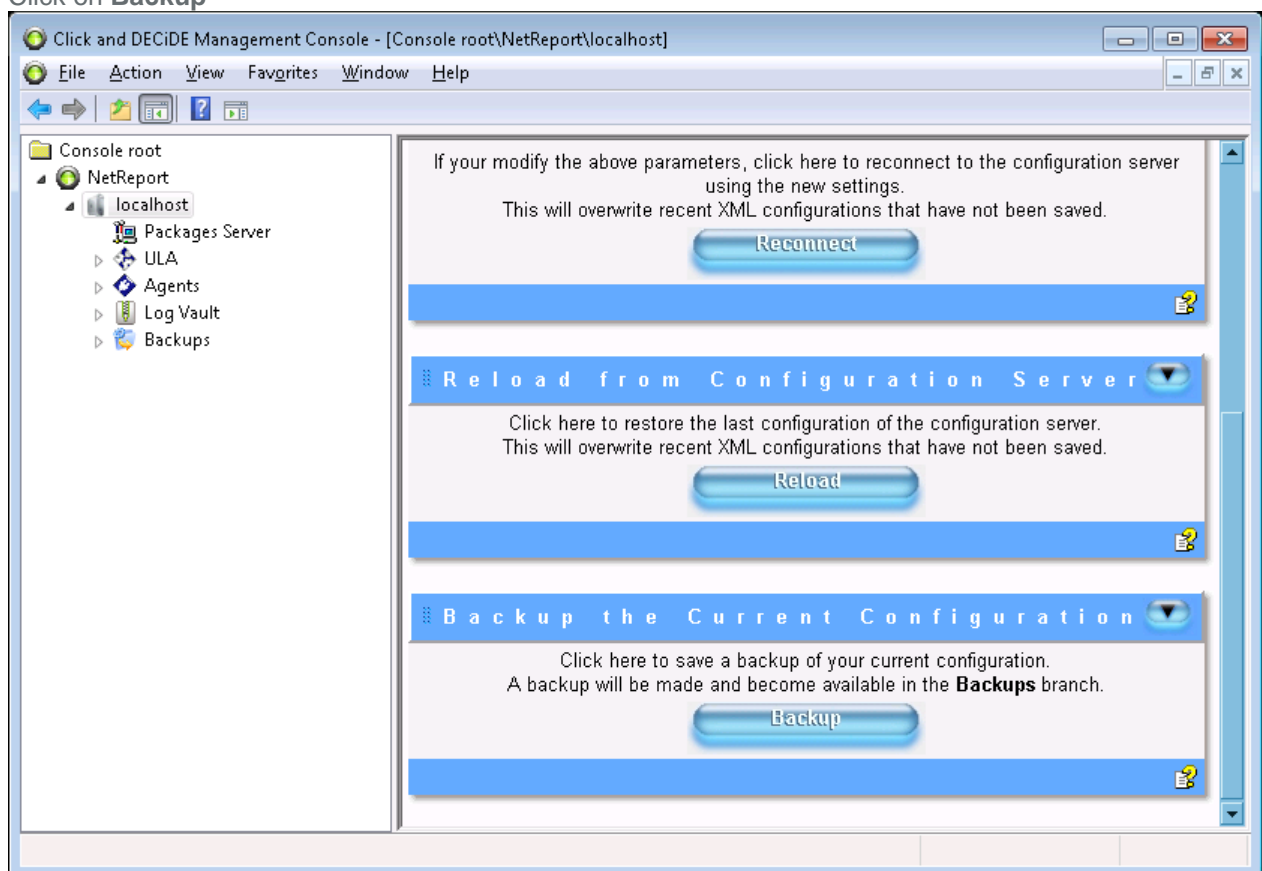
Section 1: Backup your current configuration

Backup your License Certificates

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

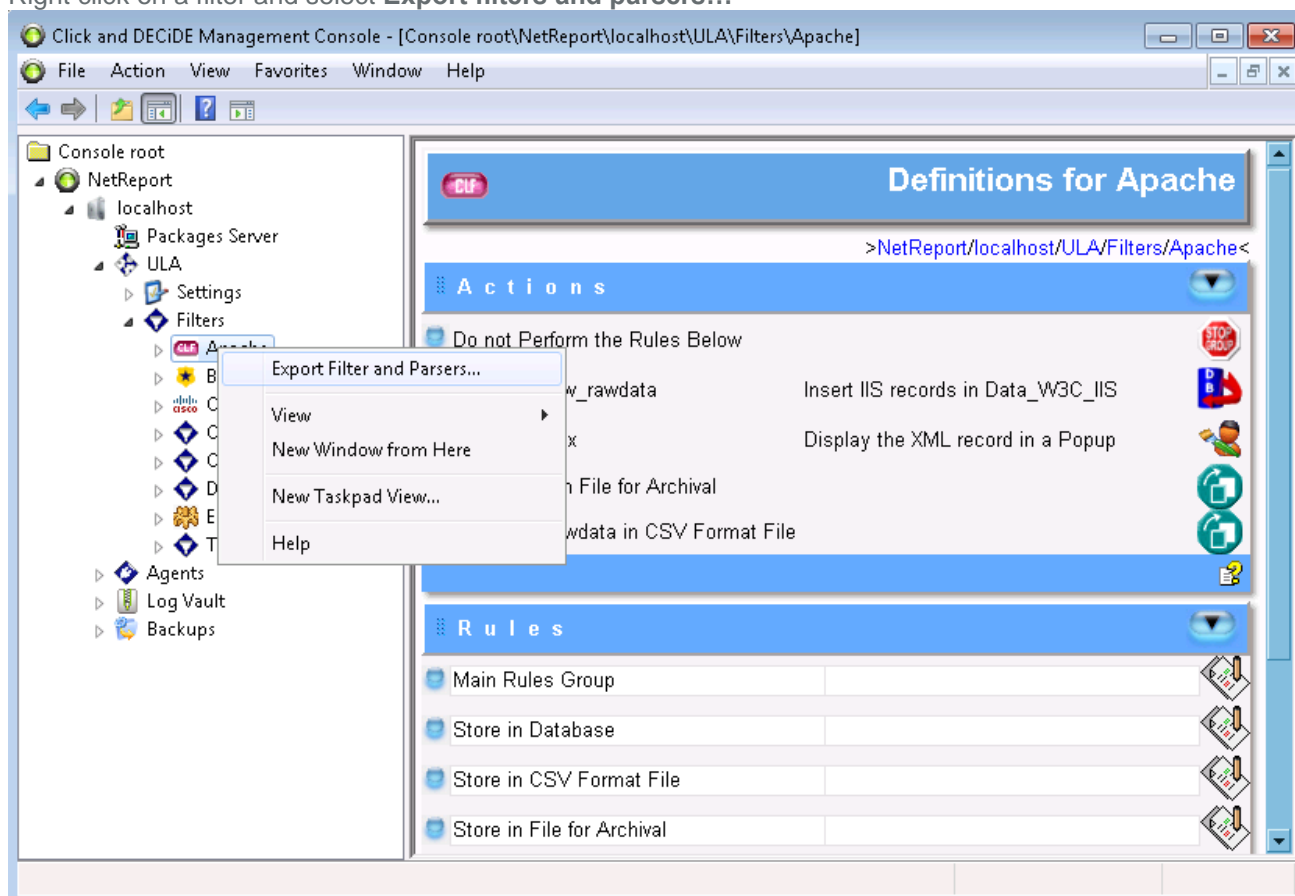
Backup NSI Configuration

1. Start the **Management Console: Start>All Programs>Click and DECiDE\Network Security Intelligence>Management Console**.
2. Navigate to **NetReport/localhost** (by default).
3. Click on **Backup**



4. Save the new folder named **AAAAMMDD-HHMM-user-v1002** created in **C:\Program Files\Click and DECiDE\NSI\ConfigurationBackup** (by default).
5. Browse to the filter lists **NetReport/localhost/ULA/Filters** (by default).

6. Right click on a filter and select **Export filters and parsers...**

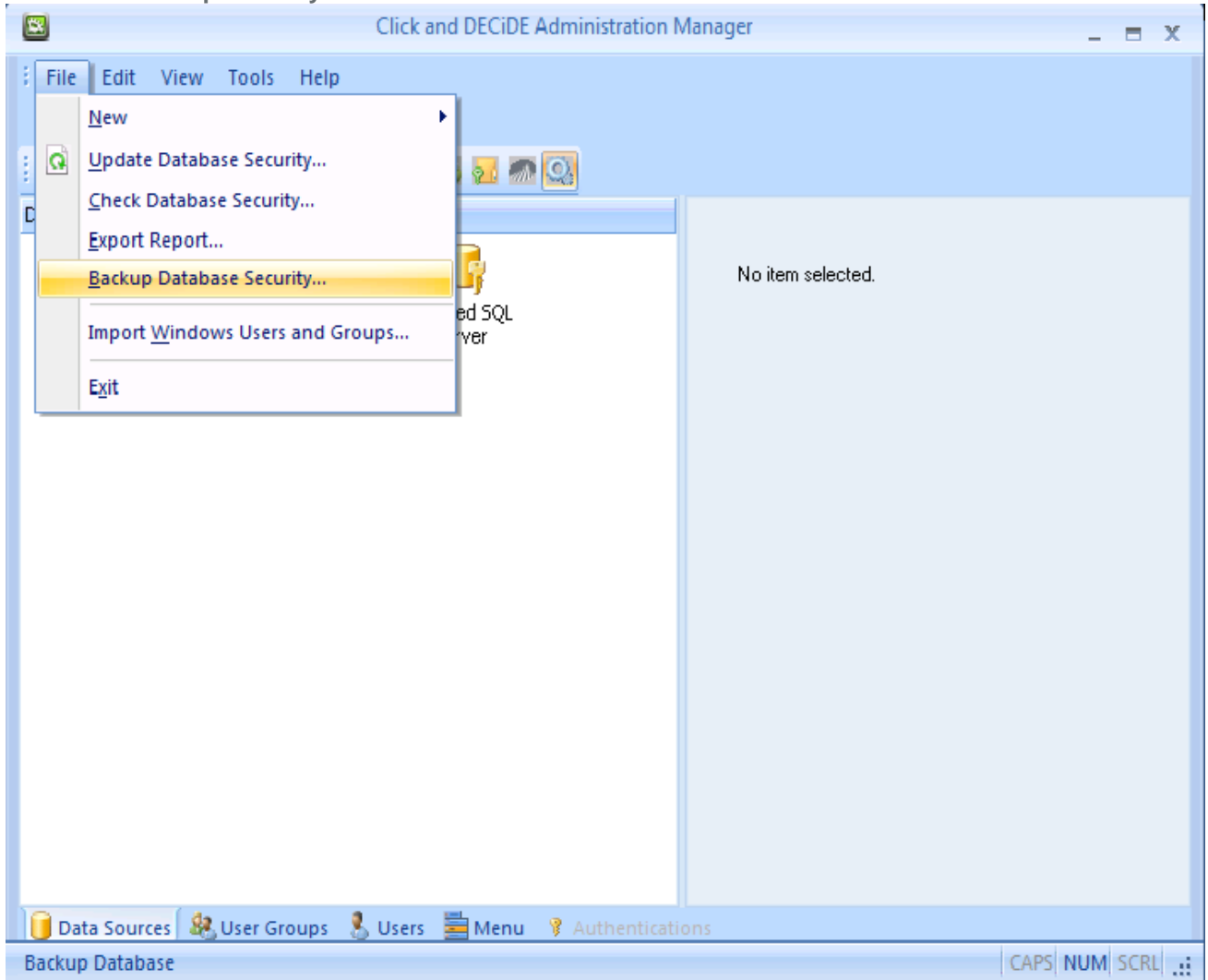


7. Save the configuration for this filter.
8. Repeat step 6. and 7. for every filters except **Database Management**, **Click and Decide Alert**, **Click and Decide Audit** and **EngineEvent**.
9. Close the **Management Console**.

Backup the WebPortal Configuration

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

2. Go to **File>Backup Security Database**

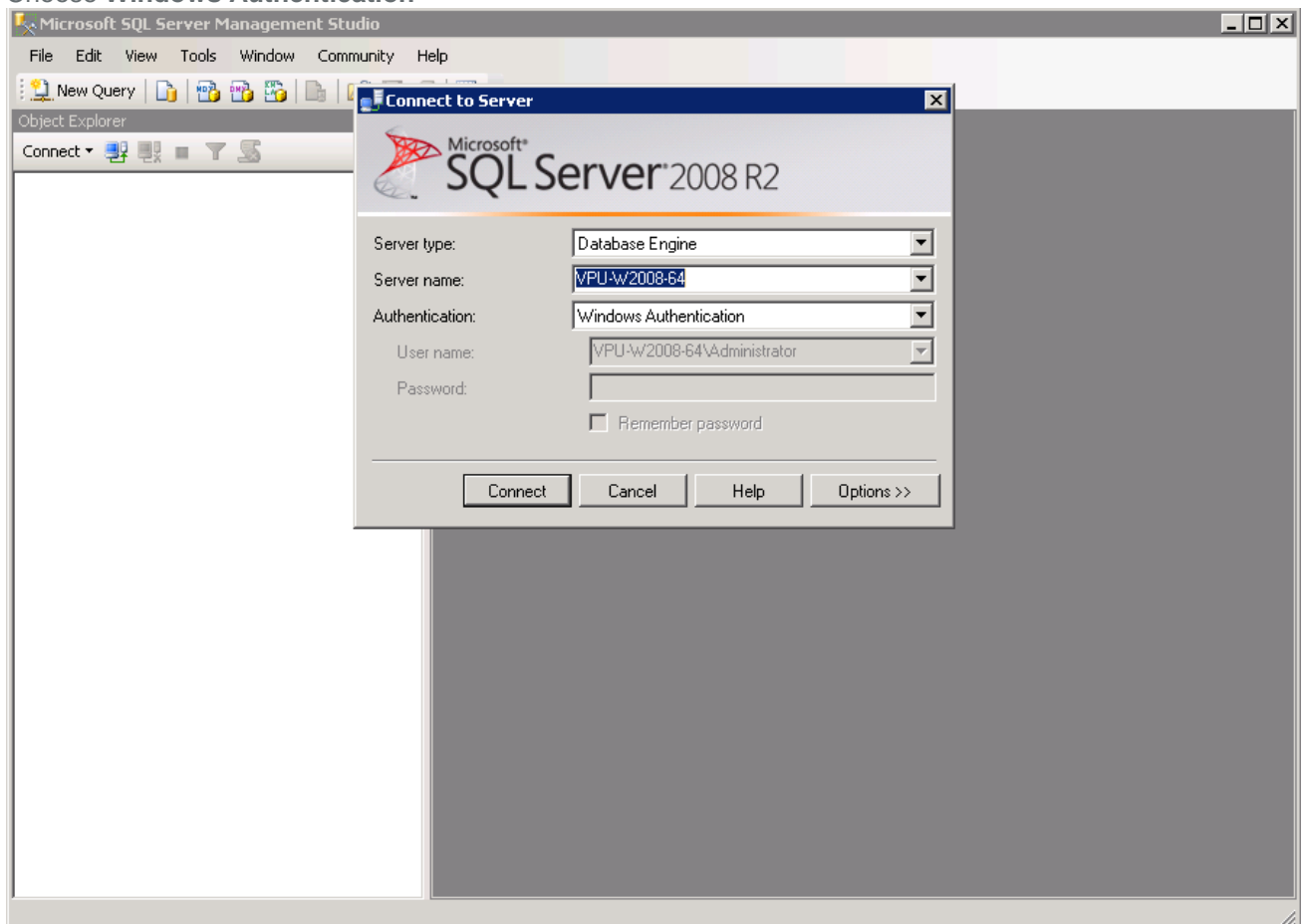


3. Save the Security Database configuration into a .cnadbck file.
4. Close **Click and DECiDE Administration Manager**.
5. Save your own Builder projects (*.wfv files) created with the BAI toolkit. We recommend to put these file in the **MyProject** folder located at:
C:\Program Files\Click and DECiDE\Business Application Intelligence\Runtime_Projects\My Projects (by default).
6. Save the external files (for example, the images) used by your own Builder 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\Business Application Intelligence\Runtime_Projects (by default).
7. Save your customized standard reports and cubes (if applicable) respectively located in:
C:\Program Files\Click and DECiDE\Business Application Intelligence\Runtime_Projects\enu (by default) and
C:\Program Files\Click and DECiDE\Business Application Intelligence\Runtime_Projects\cubes (by default).
8. Save your previously generated reports located in:
C:\Program Files\Click and DECiDE\Business Application Intelligence\Runtime_Projects\Static (by default).

9. Save your customized menus (if applicable): these are the *.wmu files in the **Runtime_projects** folder located at:
C:\Program Files\Click and DECiDE\Business Application Intelligence\Runtime_Projects (by default).
10. Save the scheduled tasks configuration file **d7tasks.xml** located at:
C:\Program Files\Click and DECiDE\Business Application Intelligence\d7tasks.xml (by default).
11. Save your own script (if applicable) which are located at:
C:\Program Files\Click and DECiDE\Business Application Intelligence\TaskScripts (by default).

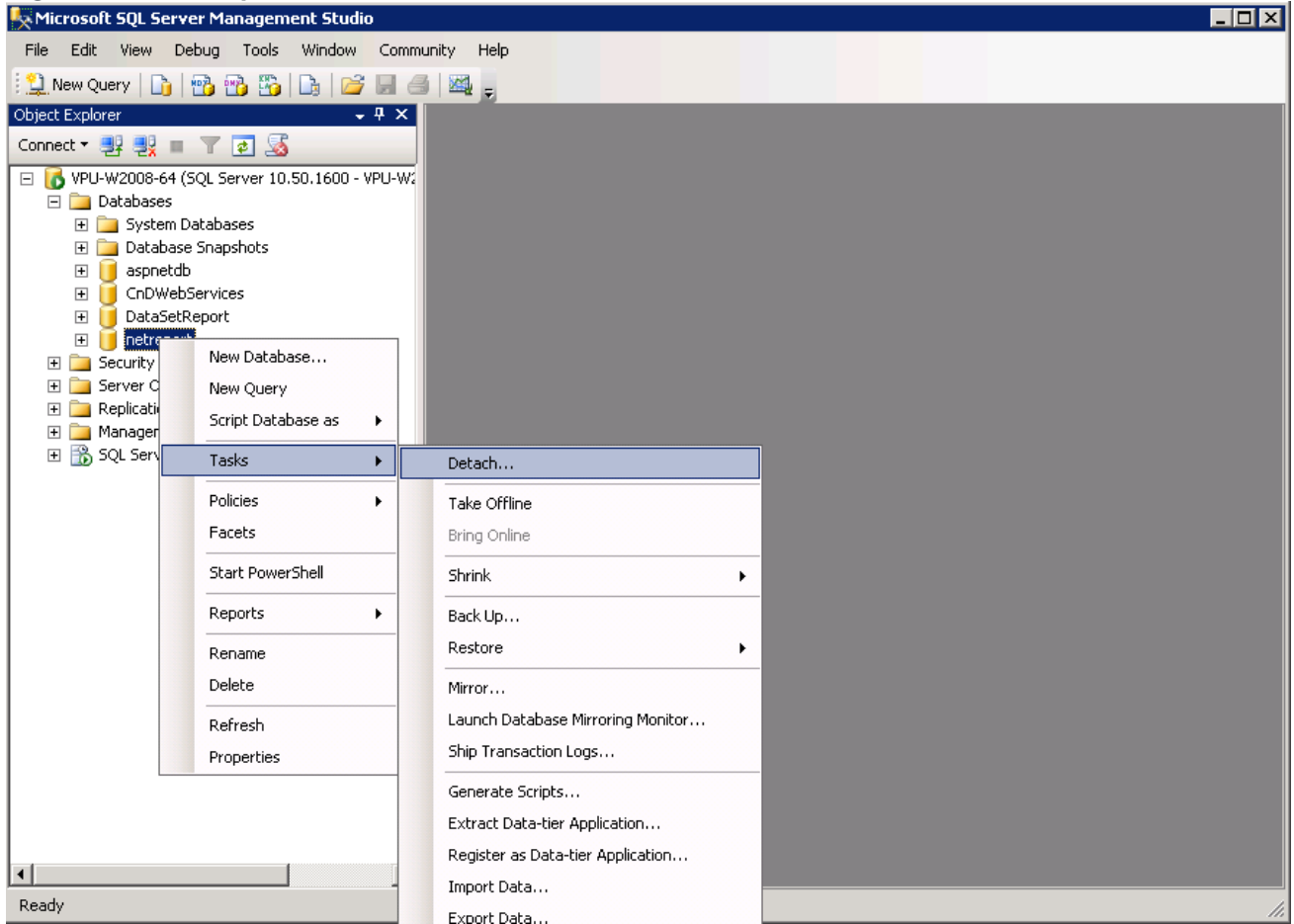
Backup the database files

1. Stop the NSI services by running the **stopsvc.bat** batch file located at:
C:\Program Files\Click and DECiDE\NSI\stopsvc.bat (by default).
2. Stop the BAI services by running the **stopsvc.bat** batch file located at:
C:\Program Files\Click and DECiDE\BAI\stopsvc.bat (by default).
3. Start **SQL Server Management Studio**: Start>All Programs>Microsoft SQL Server 2005>SQL Server Management Studio.
4. Choose **Windows Authentication**

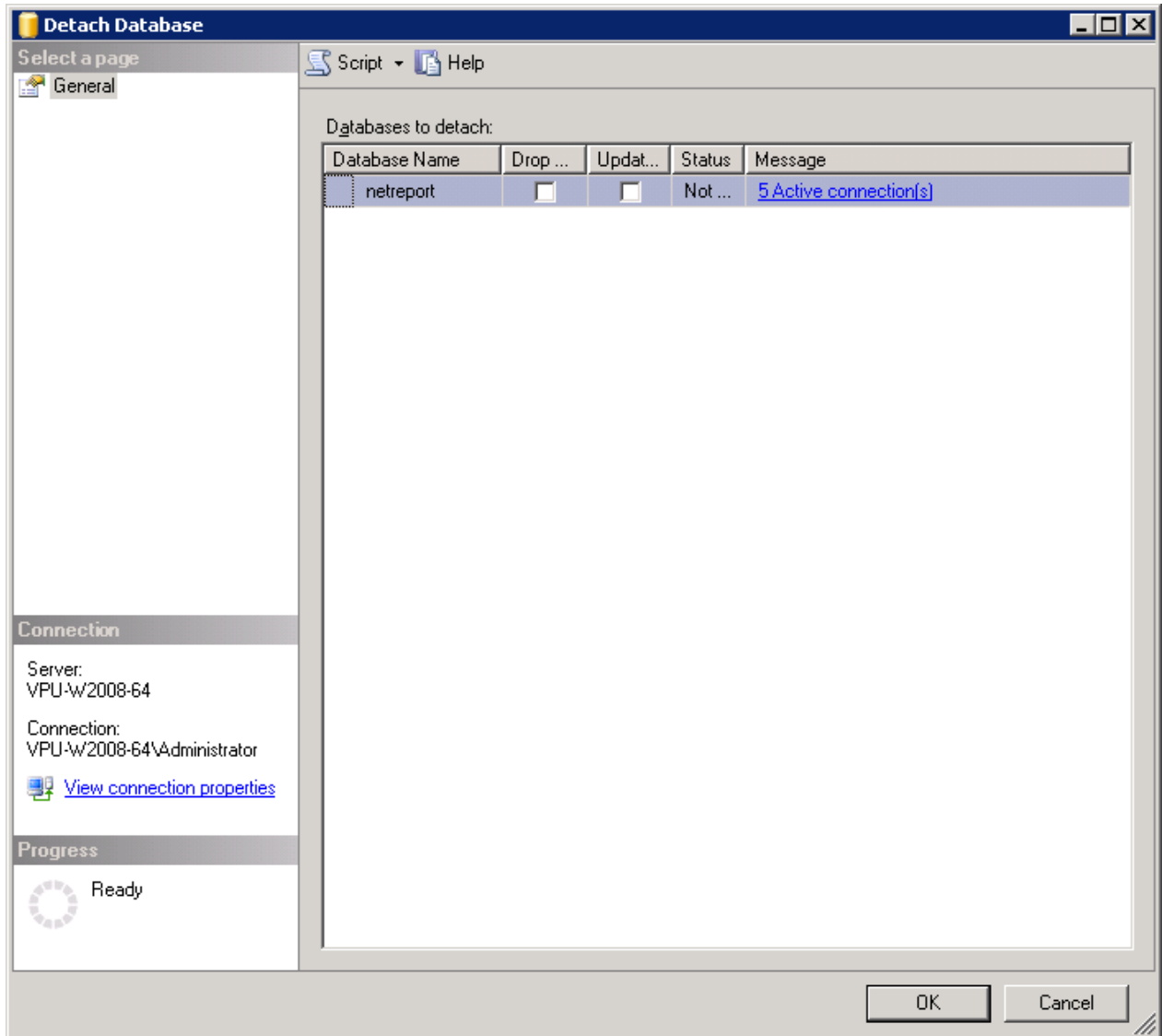


5. Navigate to **Databases/netreport**.

6. Right Click on **netreport** and select **Tasks>Detach...**

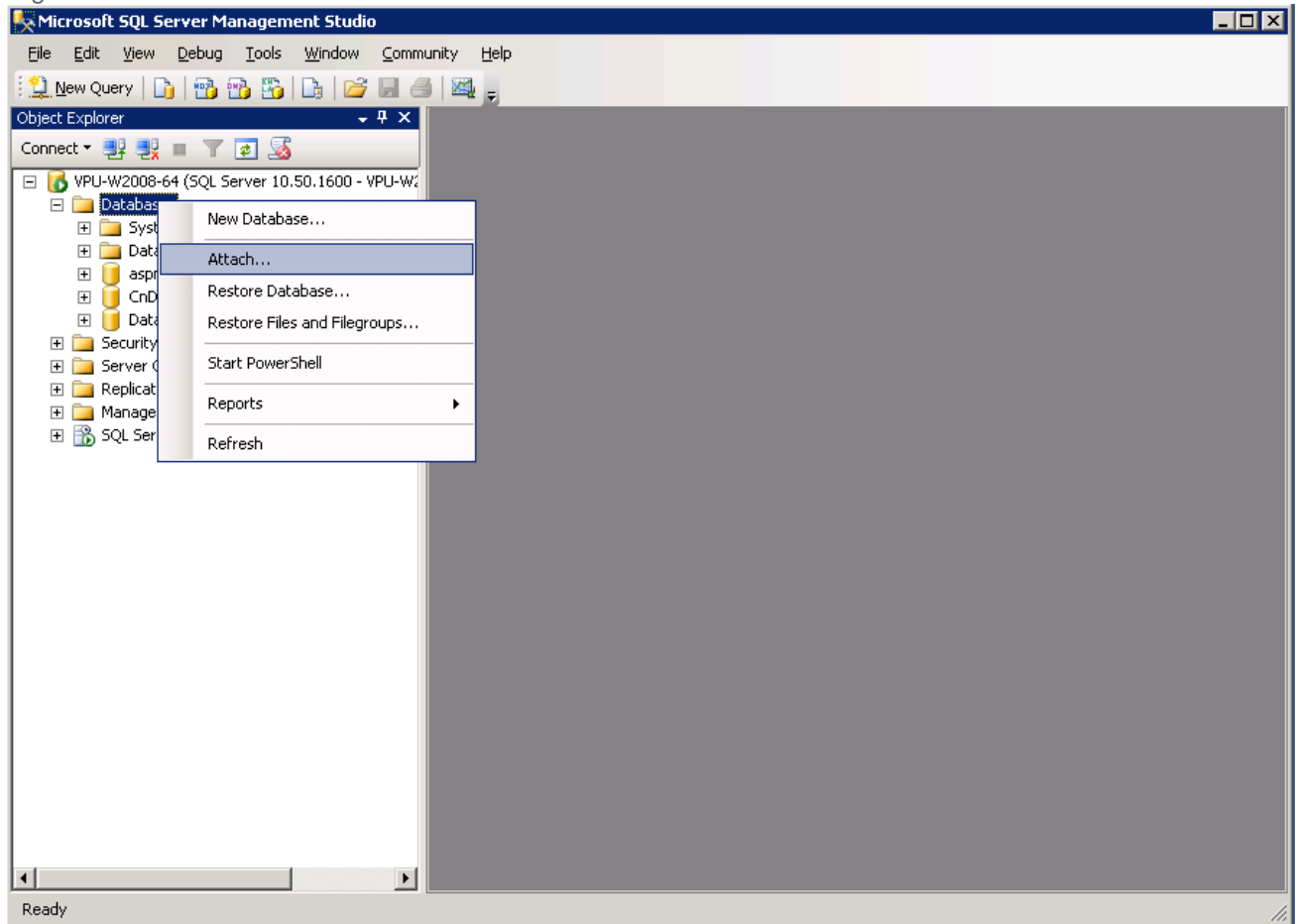


7. Click **OK**.



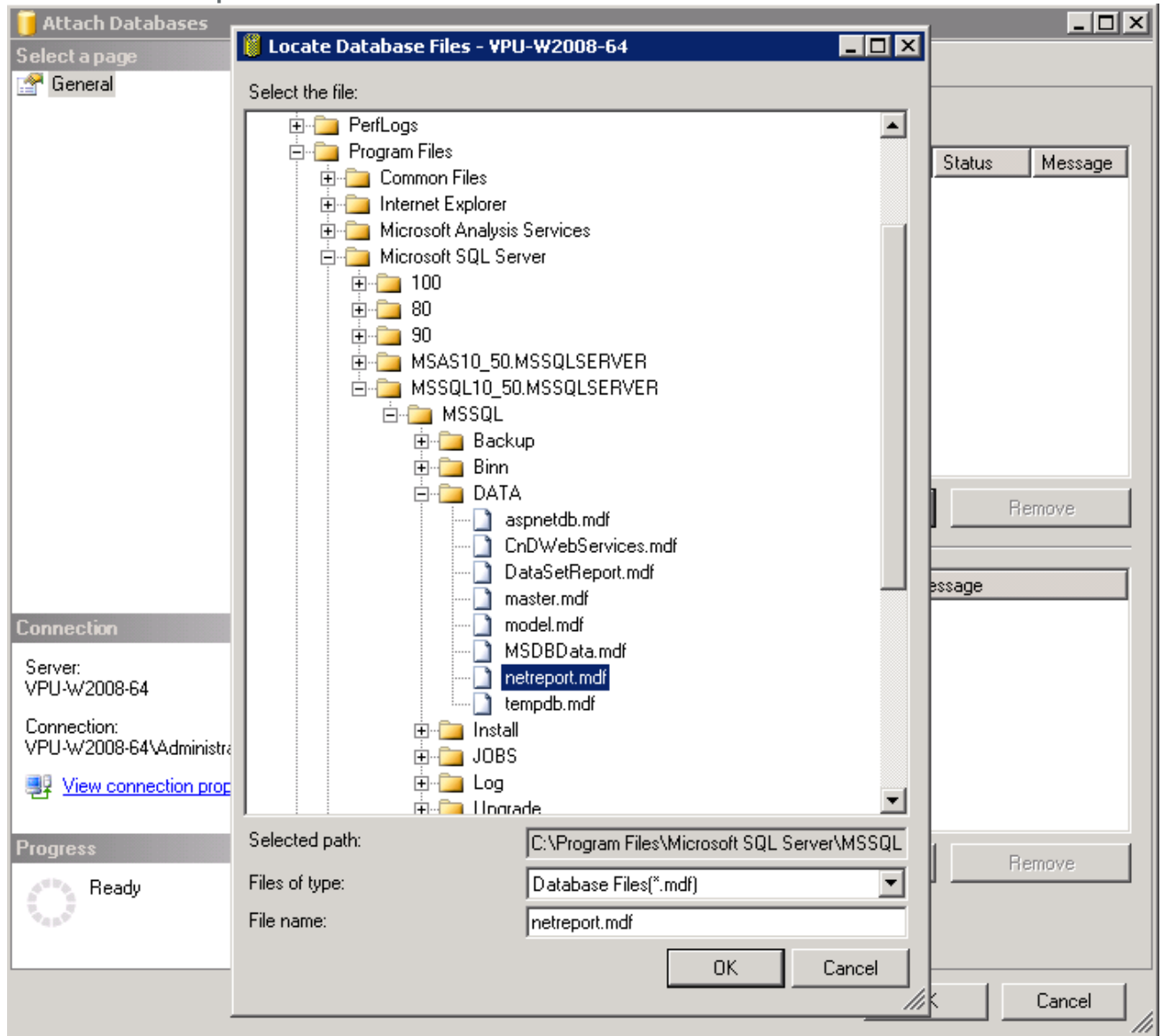
8. Backup the **netreport** database files, **netreport.mdf** and **netreport_log.ldf** located in:
C:\Program Files\Microsoft SQL Server\MSSQL.1\MSSQL\Data (by default)
9. In **SQL Server Management Studio**, navigate to **Databases**.

10. Right click on **Databases** and select **Attach...**

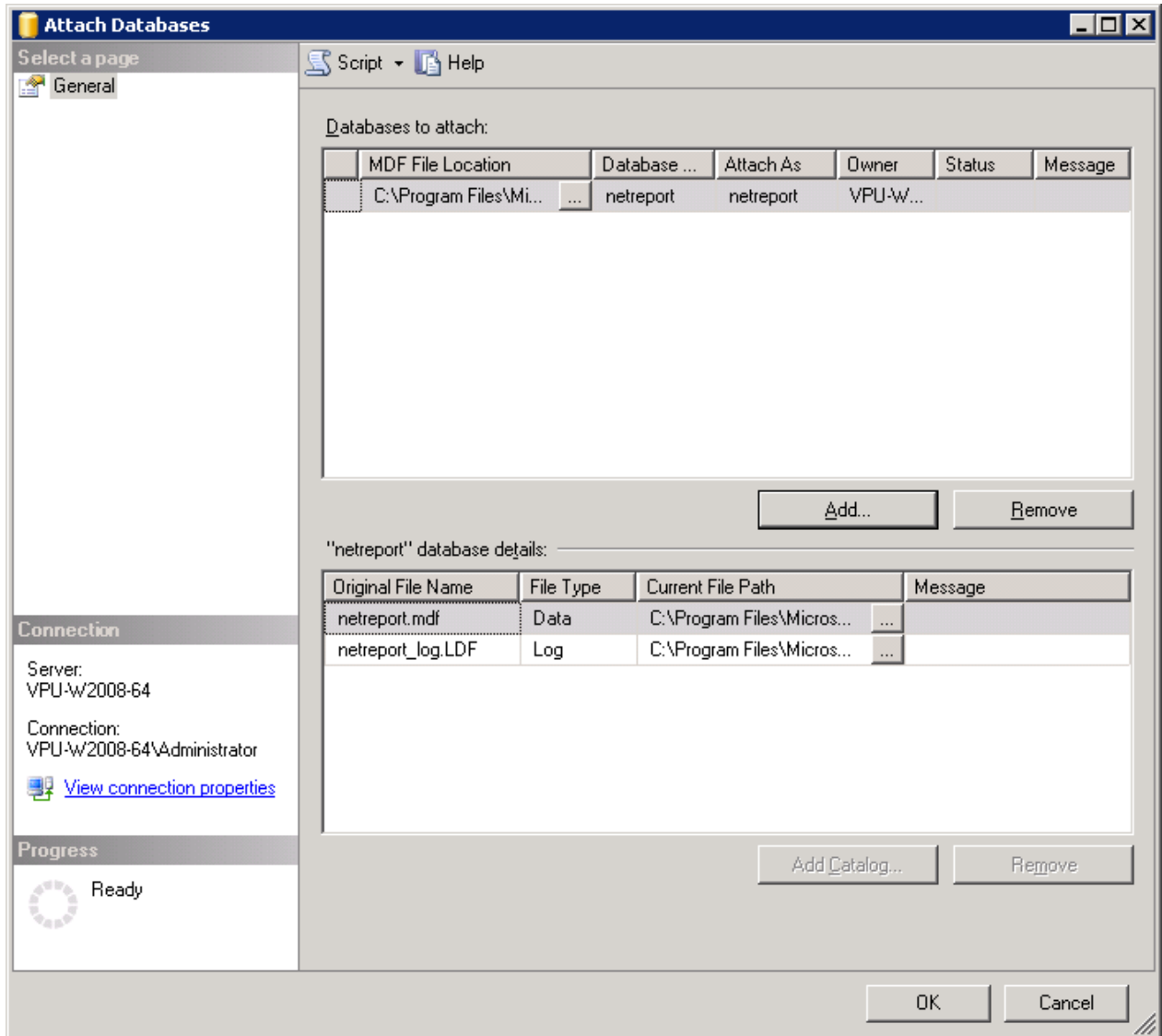


11. Click **Add...**

12. Browse to the **netreport.mdf** database file.



13. Click **OK**.



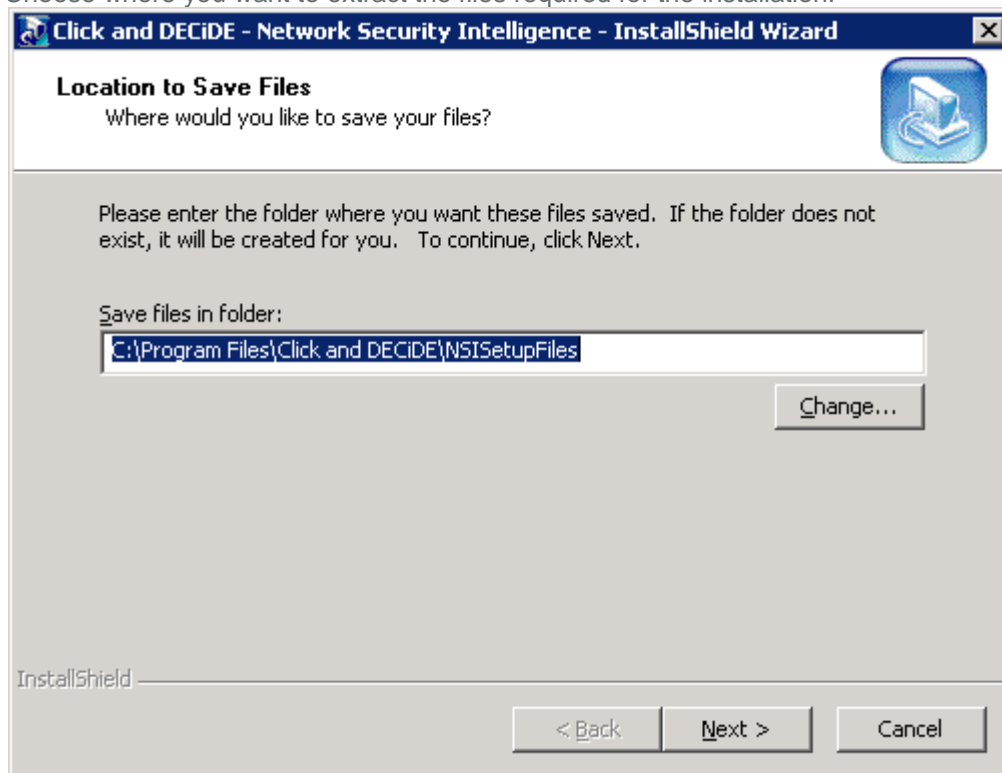
14. Click **OK**.

15. Close **SQL Server Management Studio**.

Section 2: Update Click & DECiDE - NSI

Download and extract the Click & DECiDE - NSI setup

1. Download the Setup of Click&DECiDE 11.01.04, **CnD-NSI.11.01.04.exe**, available at:
http://license.clickndecide.com/downloads/cndnsi_request.aspx
2. Run the **CnD-NSI.11.01.04.exe** setup.
3. Choose where you want to extract the files required for the installation.

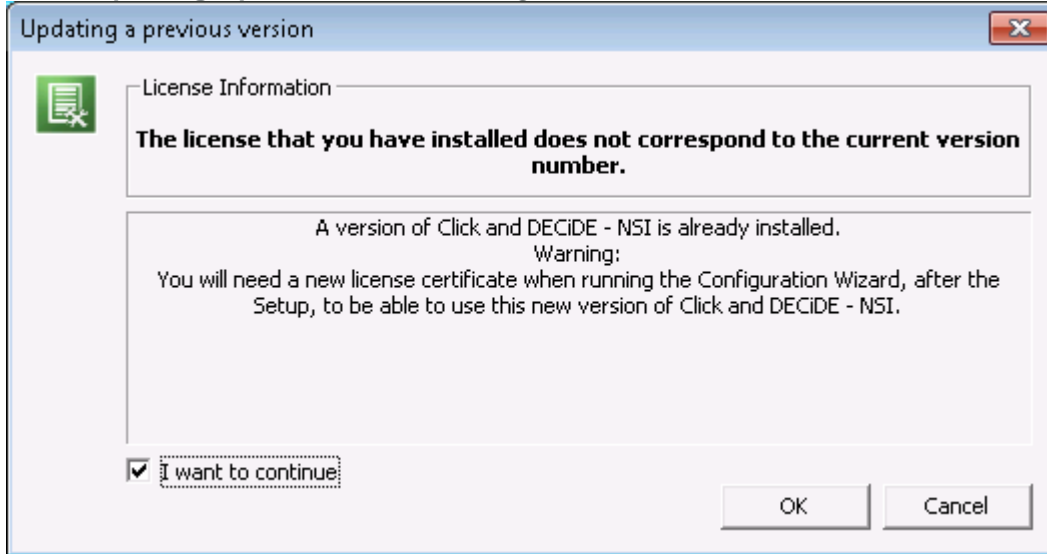


4. Click **Next**.
5. Wait for the extraction to complete. The **Click and DECiDE - NSI Installation Wizard** will launch.

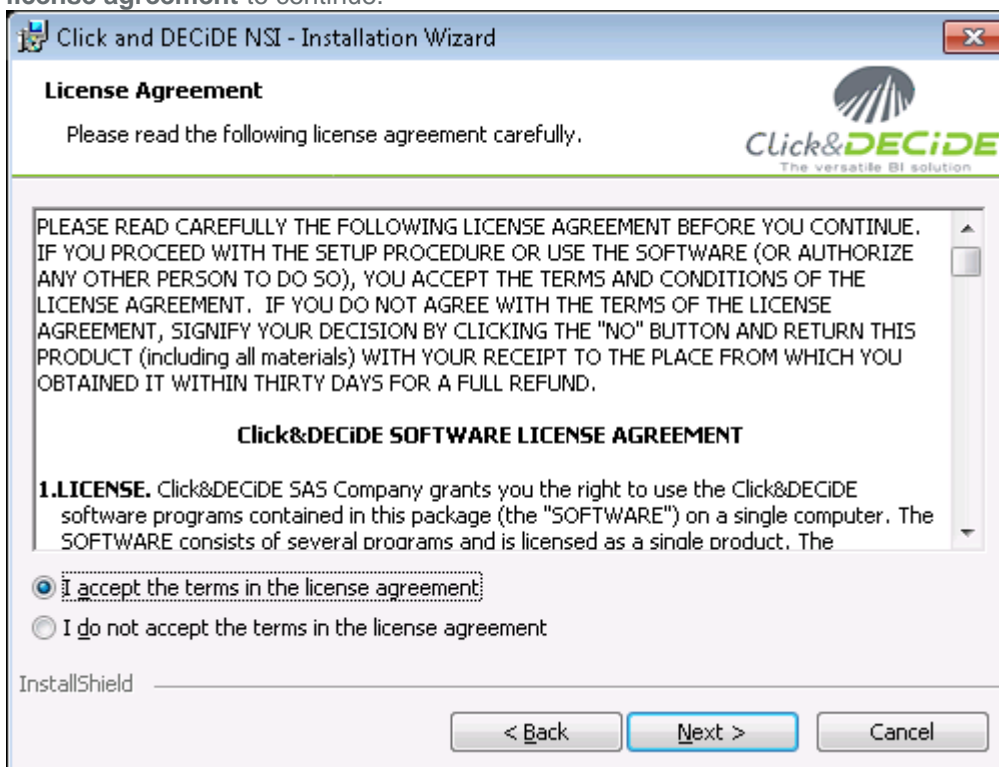
The Click and DECiDE - NSI Installation Wizard

1. If you have any prerequisites, click **Install** to install them.

- On the **Updating a previous version** dialog, select **I want to continue** and click **OK**.



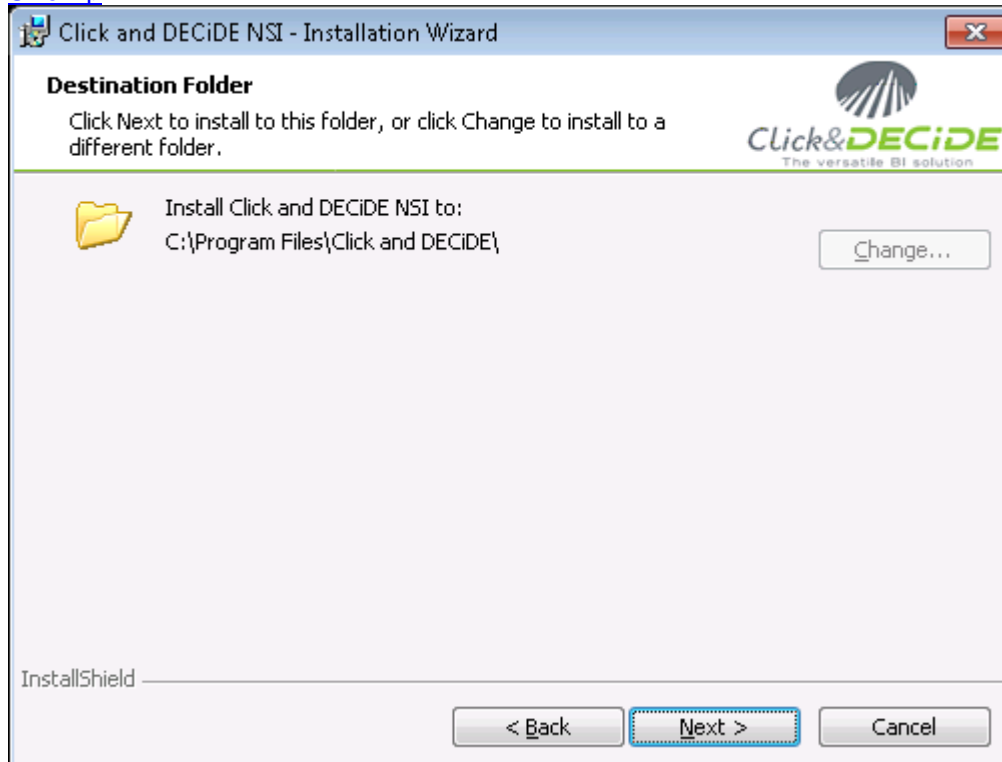
- On the **Welcome to Installshield Wizard for Click and DECIDE - NSI** dialog, click **Next**.
- On the **License Agreement** dialog, read the license agreement and select **I accept the terms in the license agreement** to continue.



- Click **Next**.
- On the **Destination Folder** dialog, select a folder on a partition with enough hard disk space. See recommendations:
http://www.clickndecide.com/downloads/WebDoc/Support/ClicknDECiDE_NSI_Database_Archive_Disk

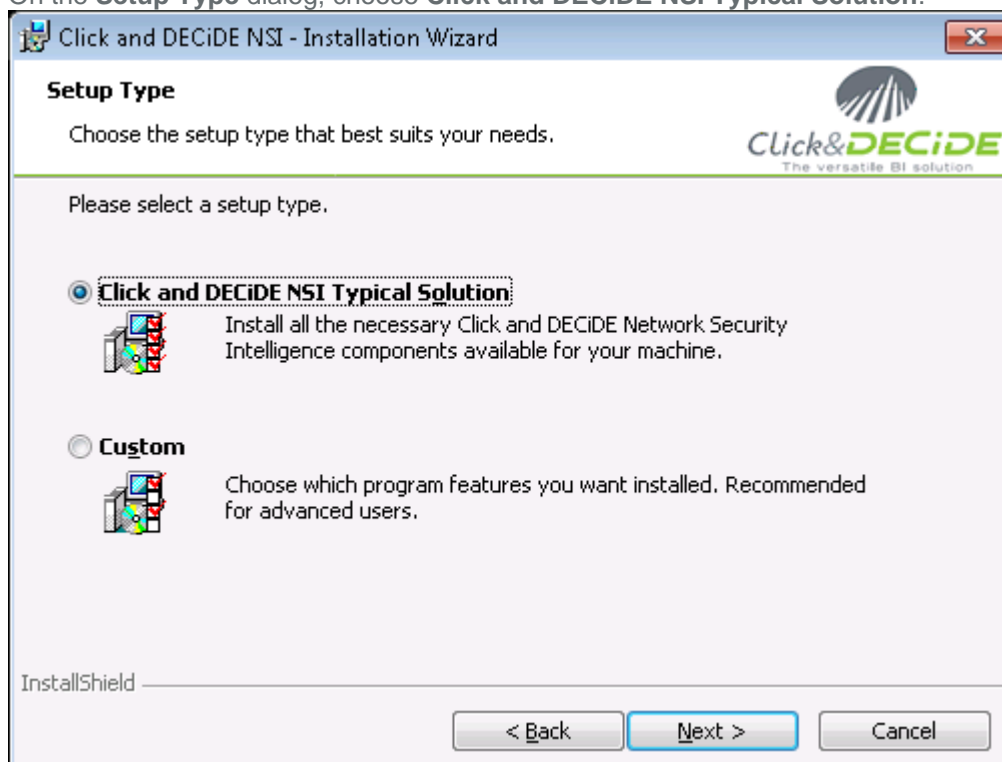


[Size.zip](#)



7. Click **Next**.

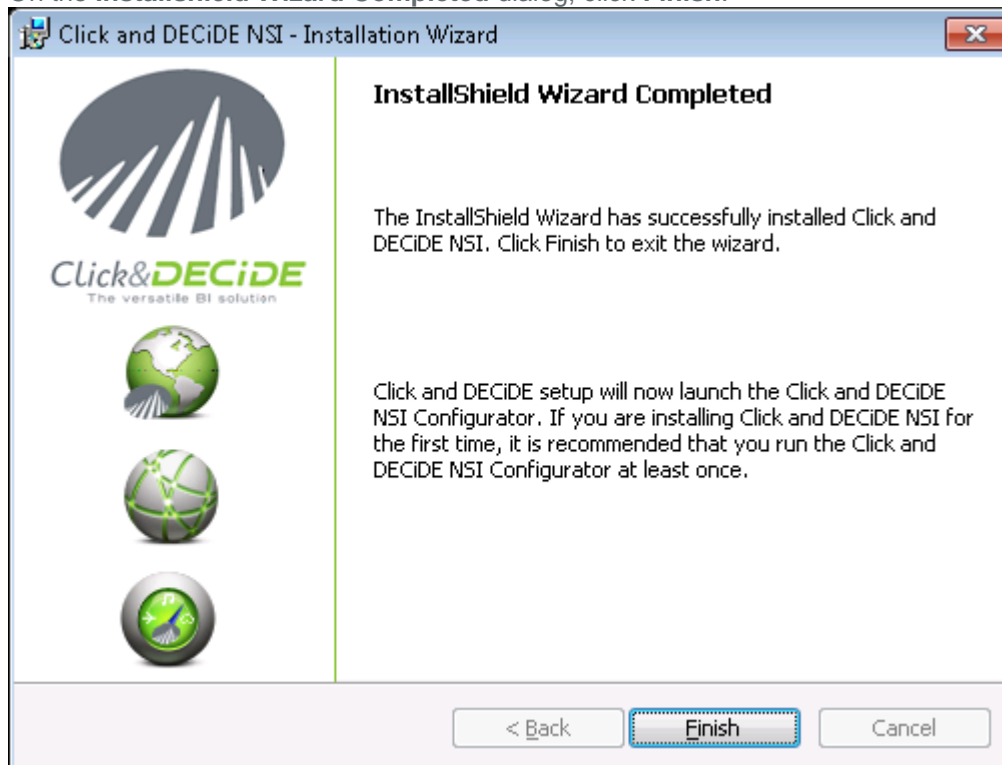
8. On the **Setup Type** dialog, choose **Click and DECiDE NSI Typical Solution**.



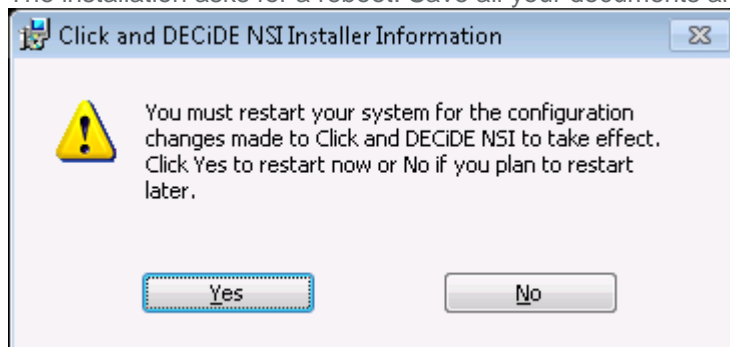
9. Click **Next**.

10. Click **Install**.

11. Wait for the installation to complete.
12. On the **InstallShield Wizard Completed** dialog, click **Finish**.

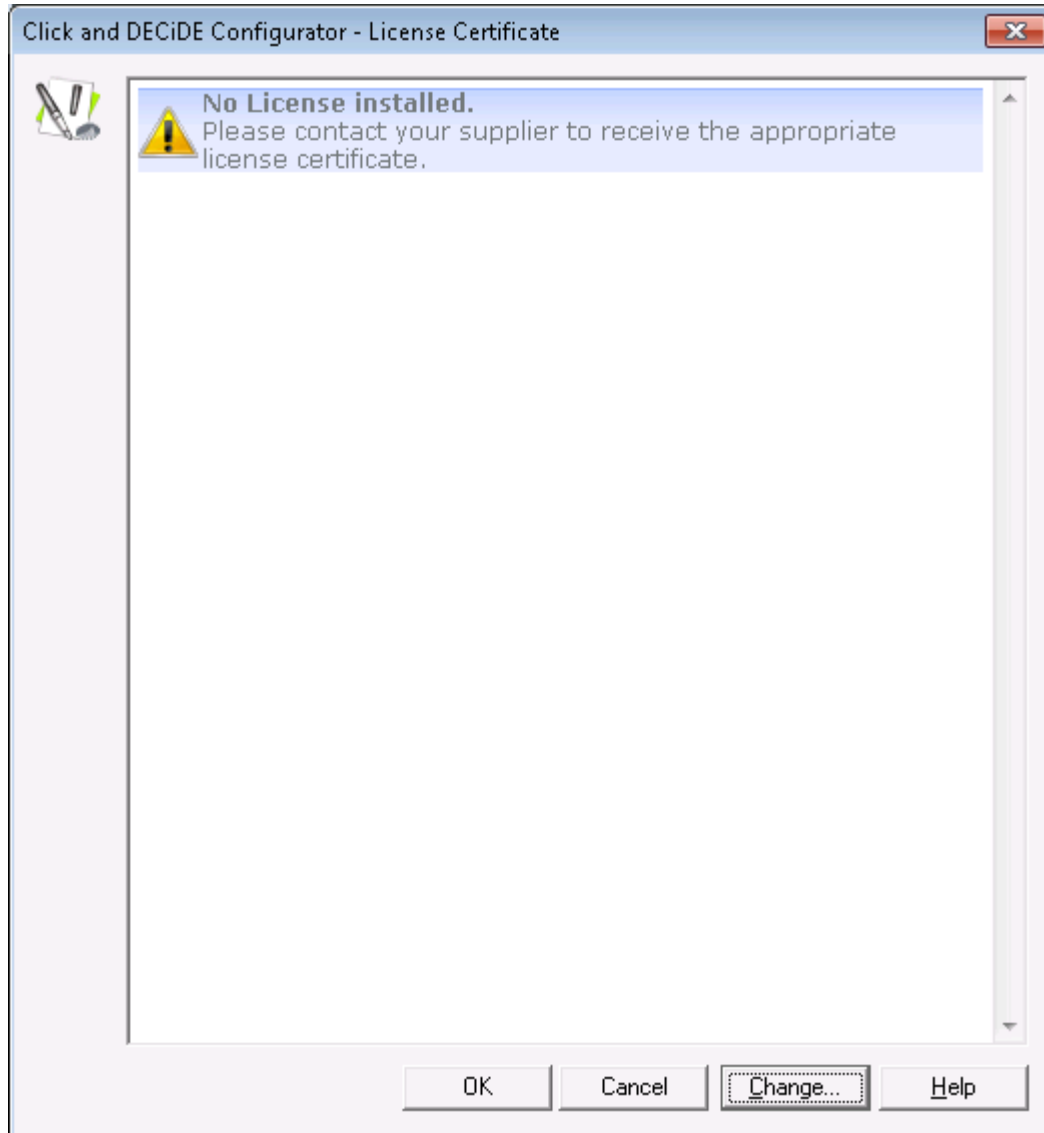


13. The installation asks for a reboot. Save all your documents and close all your application and click **Yes**.



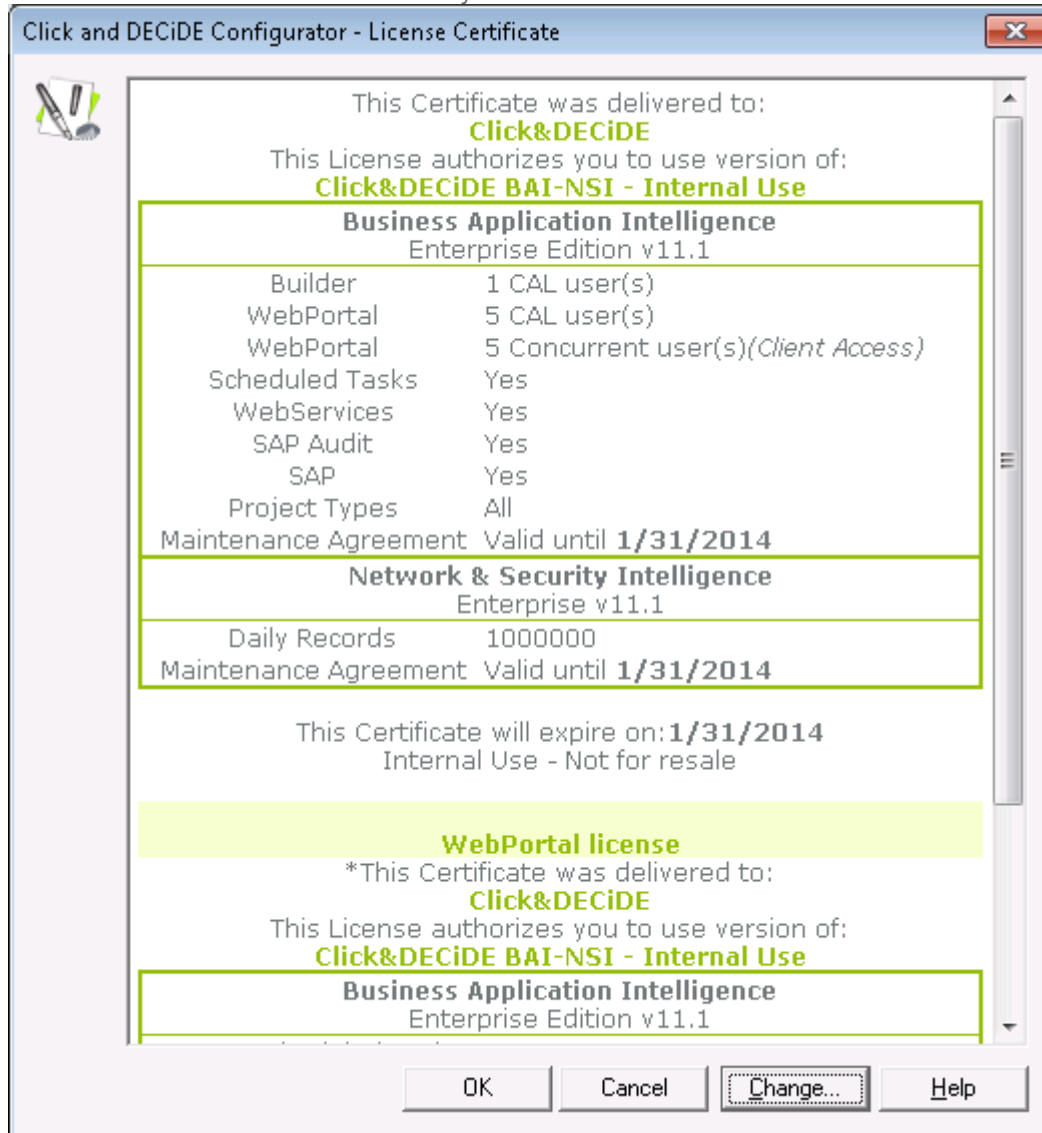
The Click and DECiDE Configurator – Log Source Configuration

1. After rebooting your machine, the **Log Source Configuration** launches and asks for a License Certificate.



2. Click **Change...**

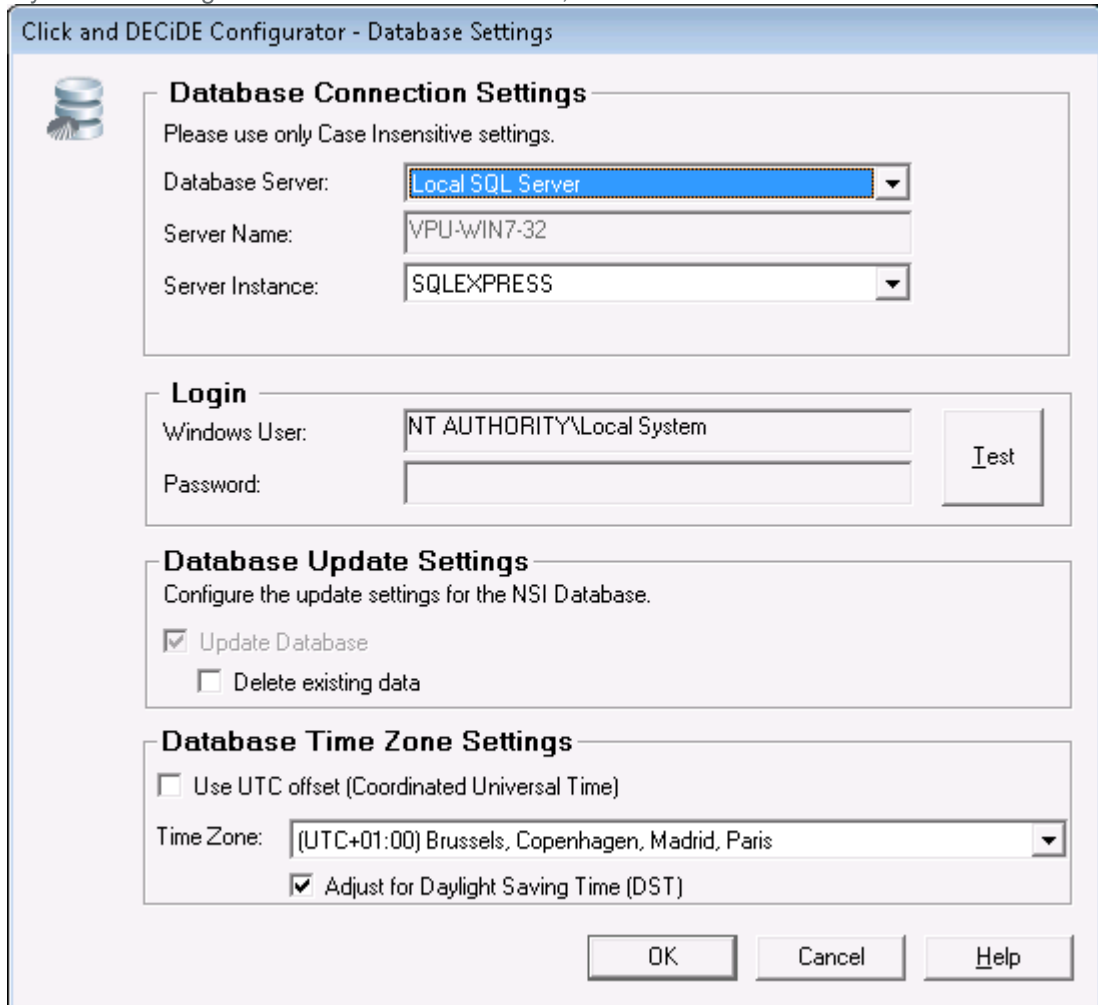
- Select the License Certificate we sent you for Click & DECiDE - NSI 11.1.4.



- Click **OK**.

5. On the **Database Settings** dialog

- a. If you have configured a local Database Server, click **OK**.



The screenshot shows the 'Click and DECiDE Configurator - Database Settings' dialog box. It contains four main sections: 'Database Connection Settings', 'Login', 'Database Update Settings', and 'Database Time Zone Settings'. The 'Database Connection Settings' section has a 'Database Server' dropdown set to 'Local SQL Server', a 'Server Name' text box with 'VPU-WIN7-32', and a 'Server Instance' dropdown set to 'SQLEXPRESS'. The 'Login' section has a 'Windows User' text box with 'NT AUTHORITY\Local System' and an empty 'Password' text box, with a 'Test' button to the right. The 'Database Update Settings' section has a checked 'Update Database' checkbox and an unchecked 'Delete existing data' checkbox. The 'Database Time Zone Settings' section has an unchecked 'Use UTC offset (Coordinated Universal Time)' checkbox, a 'Time Zone' dropdown set to '(UTC+01:00) Brussels, Copenhagen, Madrid, Paris', and a checked 'Adjust for Daylight Saving Time (DST)' checkbox. At the bottom are 'OK', 'Cancel', and 'Help' buttons.

- b. If you have configured a remote Database Server, you need to run the **SQL Server Configurator Tool**:

- i. Connect to the machine where the SQL Server is running

WARNING: this operation requires SQL Server Administrator privileges. Be sure to connect as a user that has such privileges.

- ii. Locate the Installation Files of Click & DECiDE - NSI.

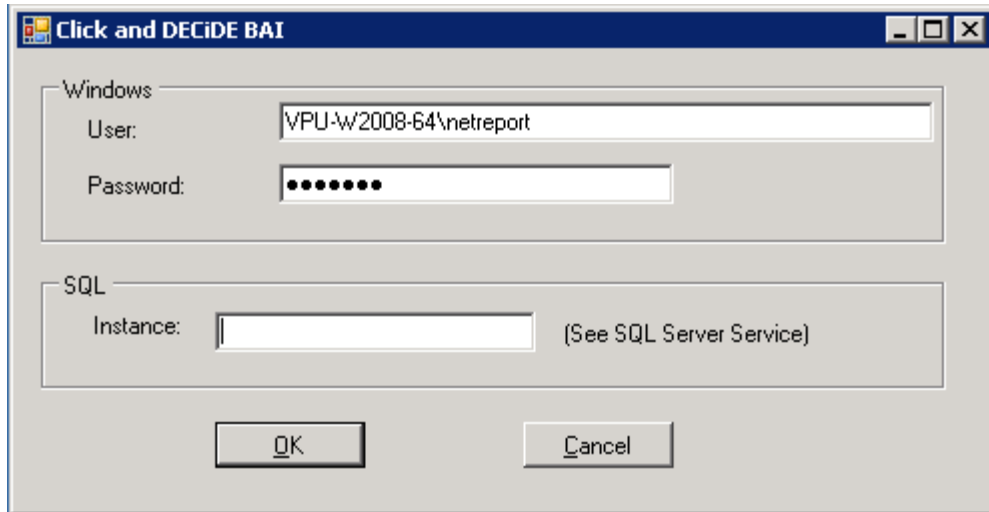
- iii. Run the SQL Server Configuration Tool from the local disk:
SQL Server Configurator\DVSqlServerConfig.exe

WARNING: the SQL Server Configuration Tool has to run from a local disk. Be sure to copy the SQL Server Configurator folder on your local disk before running the program.

- iv. Enter the full name and the password of the user used by Click & DECiDE - NSI to connect to the database

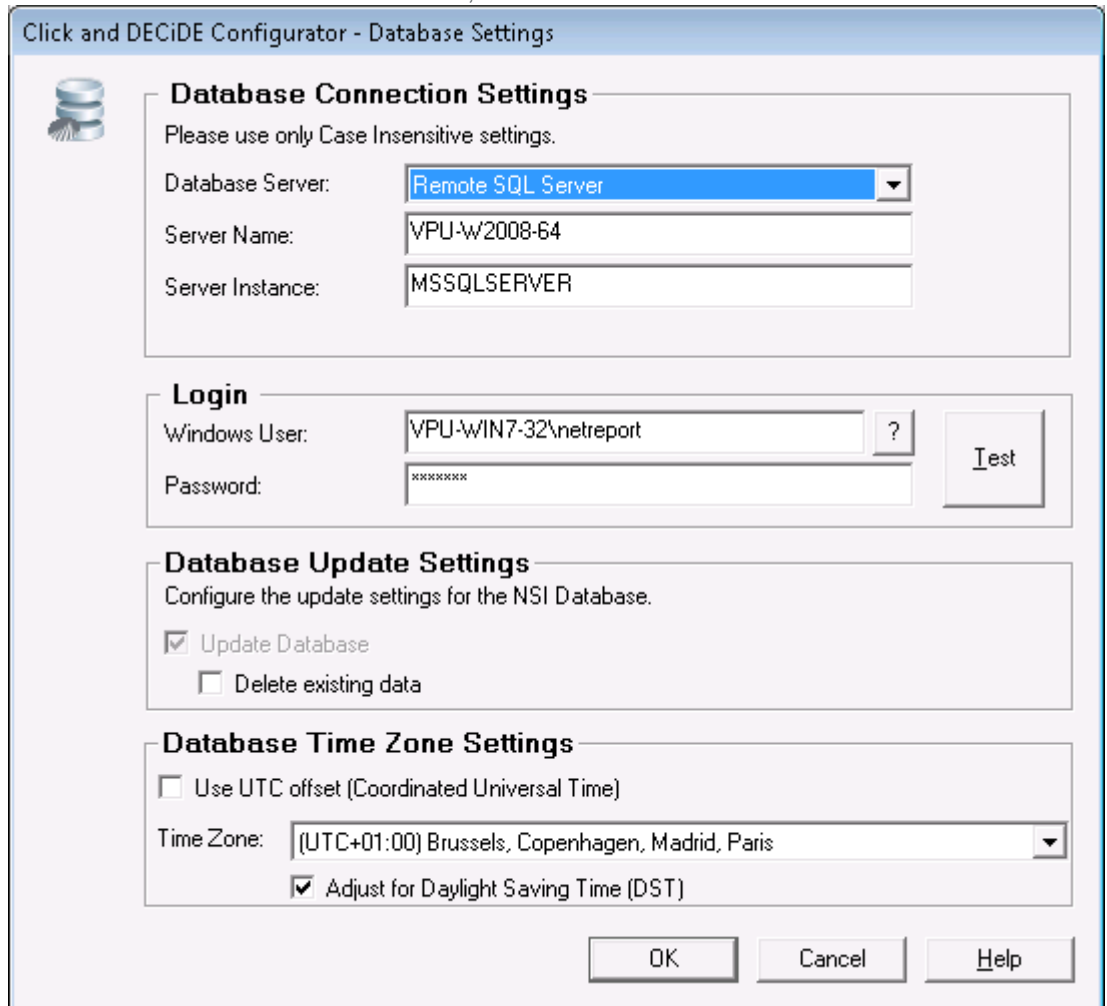
- v. Enter the name of the SQL Server Instance.

INFORMATION: the SQL Server instance is the name that appears between brackets after the name of the SQL Server service (Start>Administrative Tools>Services).



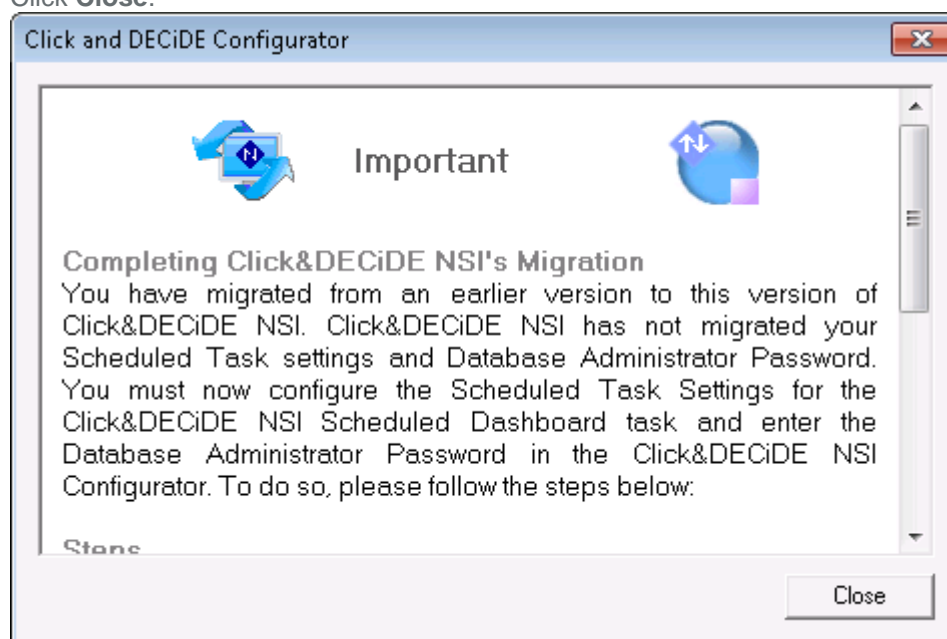
The dialog box titled "Click and DECiDE BAI" contains two sections. The "Windows" section has a "User:" field with the text "VPU-W2008-64\netreport" and a "Password:" field with masked characters. The "SQL" section has an "Instance:" field which is empty, with a note "(See SQL Server Service)" to its right. At the bottom are "OK" and "Cancel" buttons.

- vi. Click **OK**.
- vii. On the *Click & DECiDE – NSI* machine, click **OK**.



The "Click and DECiDE Configurator - Database Settings" dialog box is divided into four sections. The "Database Connection Settings" section includes a note "Please use only Case Insensitive settings.", a "Database Server:" dropdown menu set to "Remote SQL Server", and "Server Name:" and "Server Instance:" text boxes containing "VPU-W2008-64" and "MSSQLSERVER" respectively. The "Login" section has a "Windows User:" text box with "VPU-WIN7-32\netreport", a "Password:" text box with masked characters, a help icon, and a "Test" button. The "Database Update Settings" section has a note "Configure the update settings for the NSI Database." and two checkboxes: "Update Database" (checked) and "Delete existing data" (unchecked). The "Database Time Zone Settings" section has a checkbox "Use UTC offset (Coordinated Universal Time)" (unchecked), a "Time Zone:" dropdown menu set to "(UTC+01:00) Brussels, Copenhagen, Madrid, Paris", and a checkbox "Adjust for Daylight Saving Time (DST)" (checked). At the bottom are "OK", "Cancel", and "Help" buttons.

viii. Click **Close**.



6. Click **OK** and confirm you want to continue.

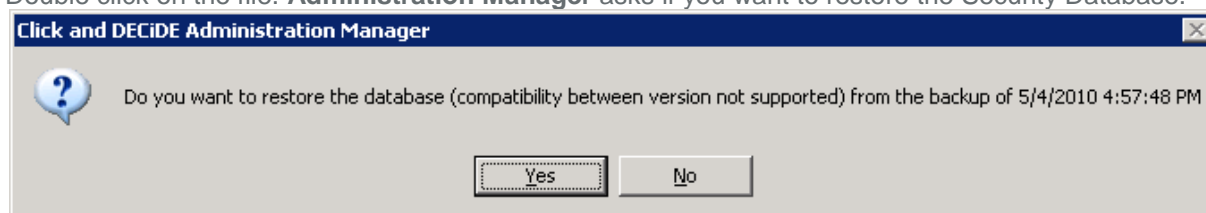
Section 3: Restore your configuration

Restore the WebPortal Configuration

This step is necessary if you have modified the "Click and DECiDE NSI Scheduled Dashboards" standard planification, or if you have added new export tasks.

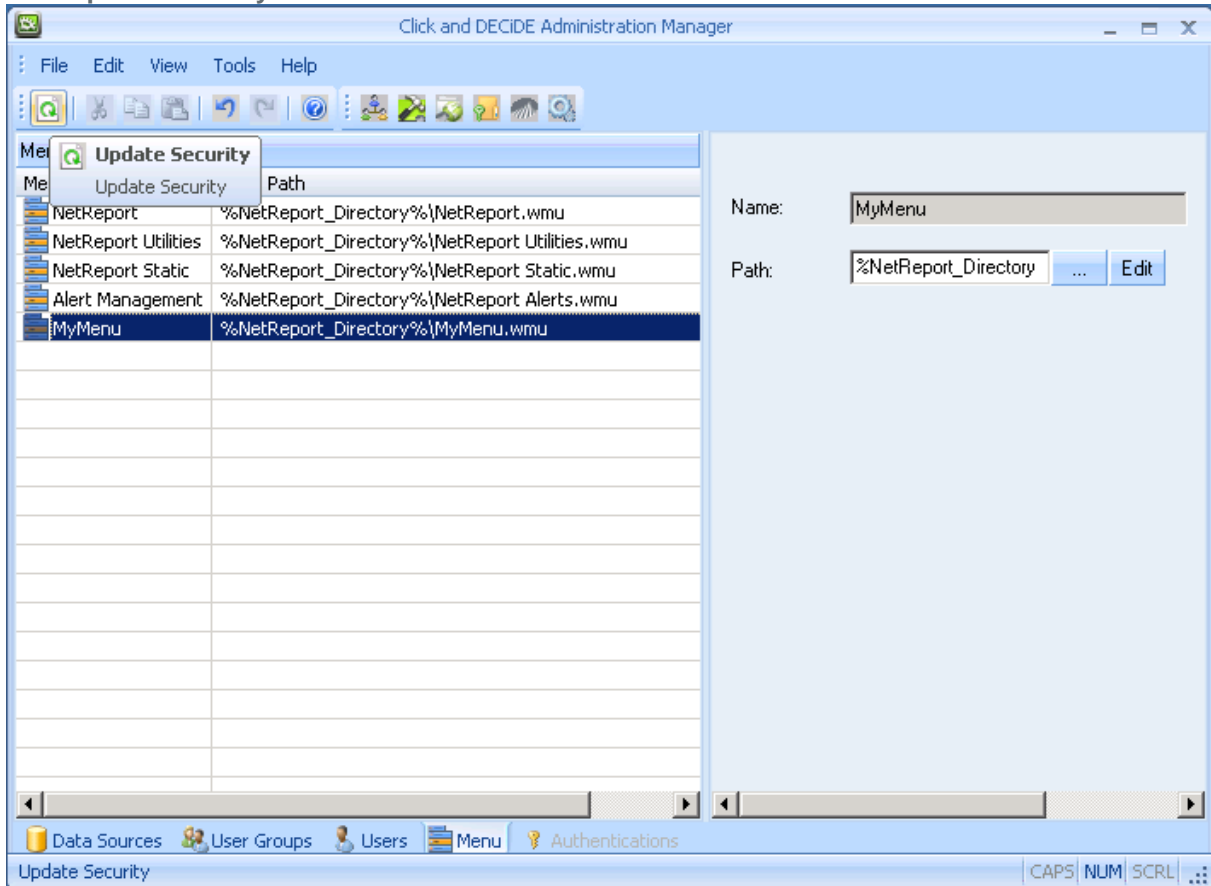
If you have modified standard tasks, they are automatically migrated and you don't need to follow this migration step.

1. Locate the Security Database backup file (.cndbck) from Section 1.C.3 on your hard drive.
2. Double click on the file. **Administration Manager** asks if you want to restore the Security Database.



3. Click **Yes**.

4. Click **Update Security** icon



5. Click **OK**.
6. Close **Administration Manager**.

Restore the scheduled tasks

This step is necessary if you have modified the “Click and DECiDE NSI Scheduled Dashboards” standard planification.

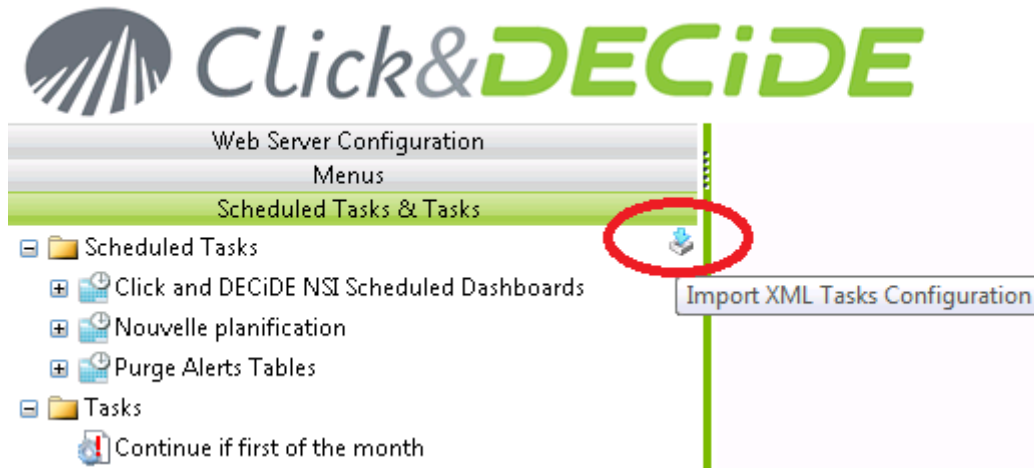
If you have modified standard tasks, they are automatically migrated and you don’t need to follow any migration step.

If you have created new export tasks, they are correctly migrated after the previous step “Restore the WebPortal Configuration”, and you don’t need to follow this migration step.

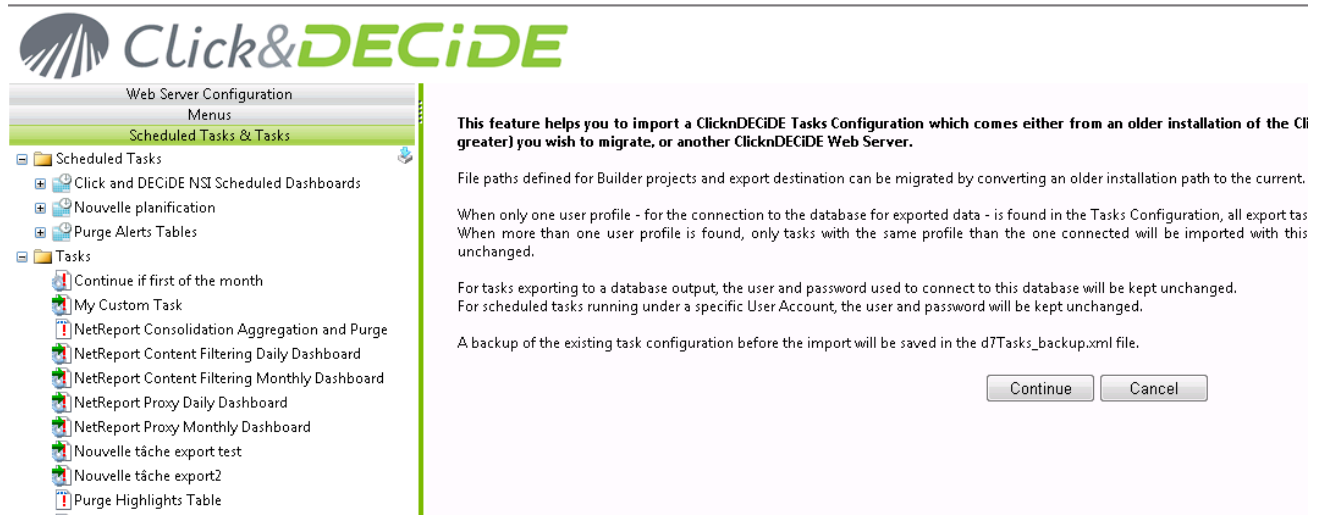
1. Open **Web Portal**: Start>All Programs>Click and DECiDE>BAI.
2. Login as a member of **NSI Admin**.



3. In the **Scheduled Tasks and Tasks** section, click on the Import tasks image button:



4. Click on the **Continue** button:



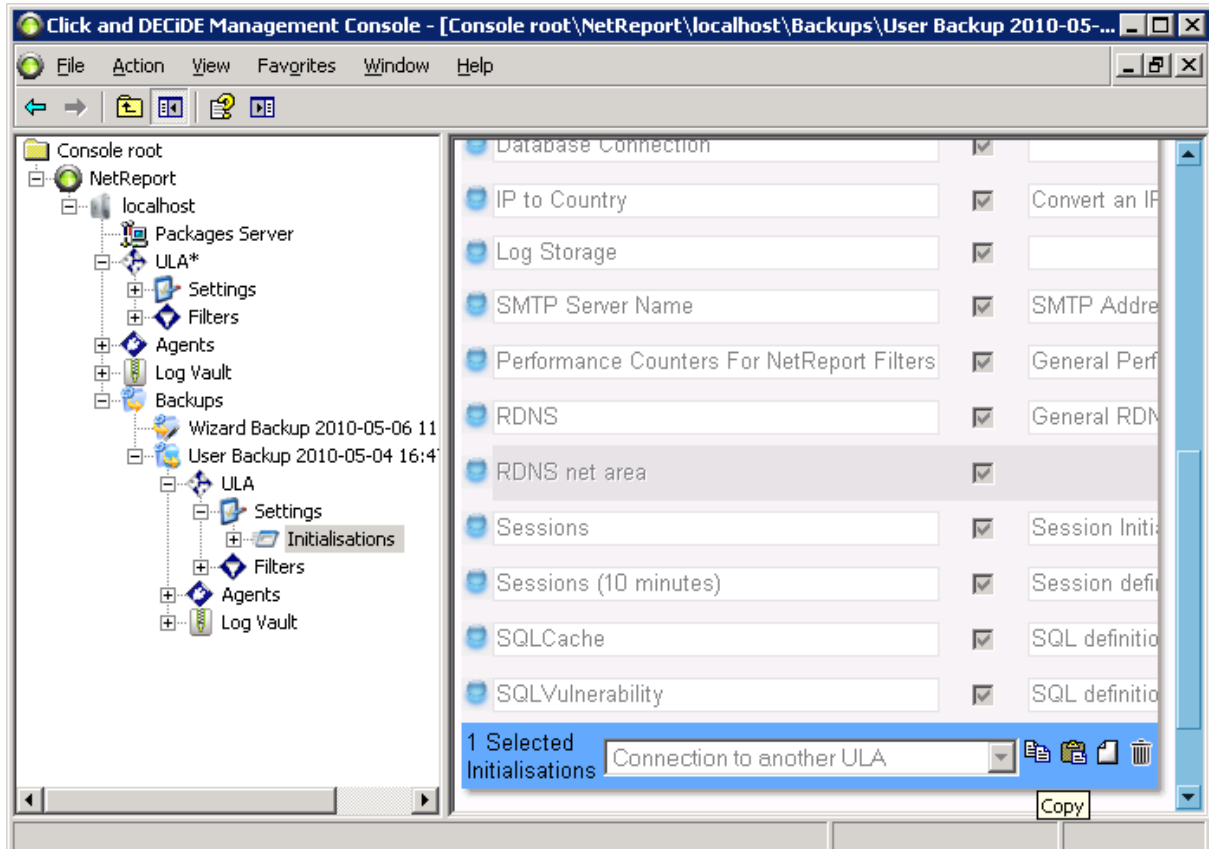
7. Select on your hard drive the backup of the **d7tasks.xml** created in Section 1.C.10.:



5. Click on the **Import** button.
6. Check the new tasks have been correctly imported by editing one of them.

Restore your custom NSI Log Sources Configuration

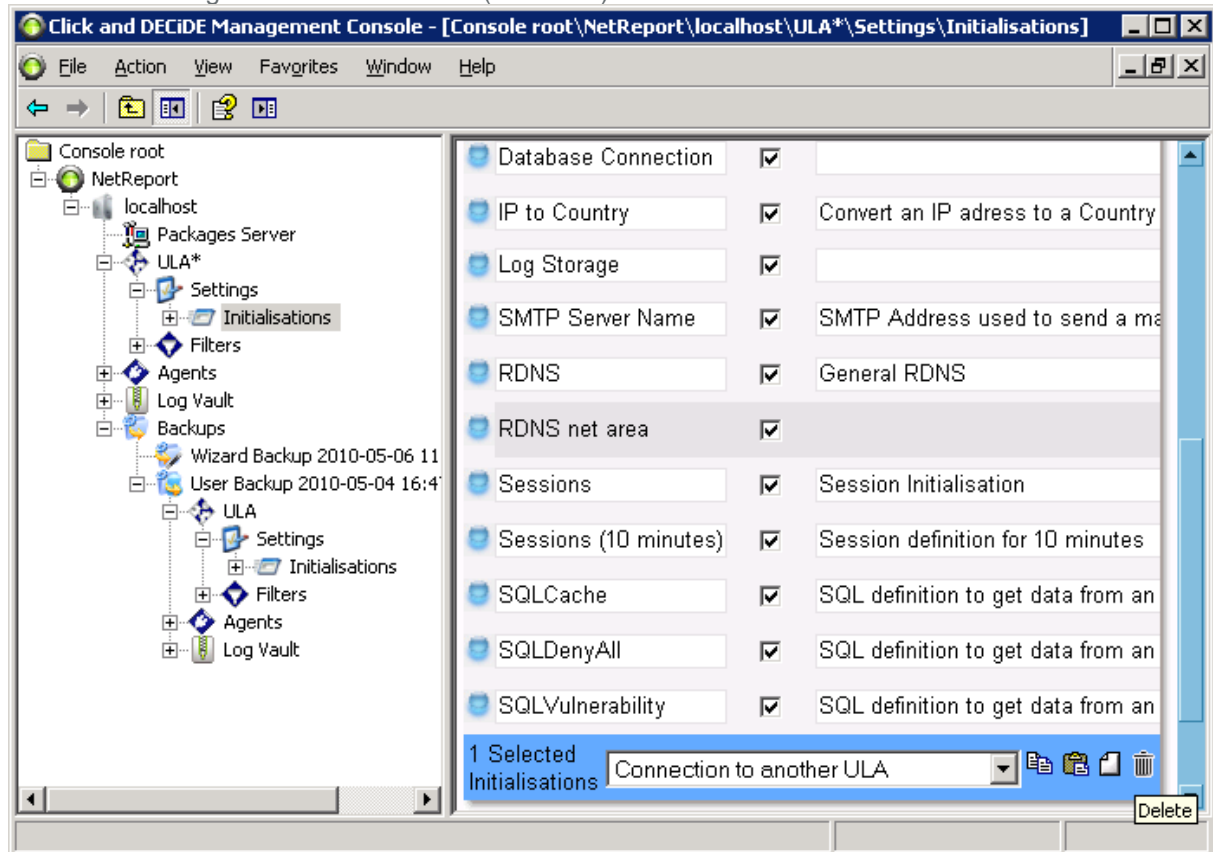
1. Open the **Management Console**:
Start>All Programs>Click and DECiDE>Network Security Intelligence>Management Console.
2. Go to **NetReport/localhost/Backups**, you should see your previous configuration **AAAAMMDD-HHMM-user- v1002** folder (see Section 1.B.4).
3. Navigate and select a custom initialisation or action you want to restore. For example: the **RDNS net area** initialisation.



4. Click on **Copy** icon at the bottom of the page.
5. Navigate where you want to paste the initialisation or action. For example: **NetReport/localhost/ULA/Settings/Initialisations.**

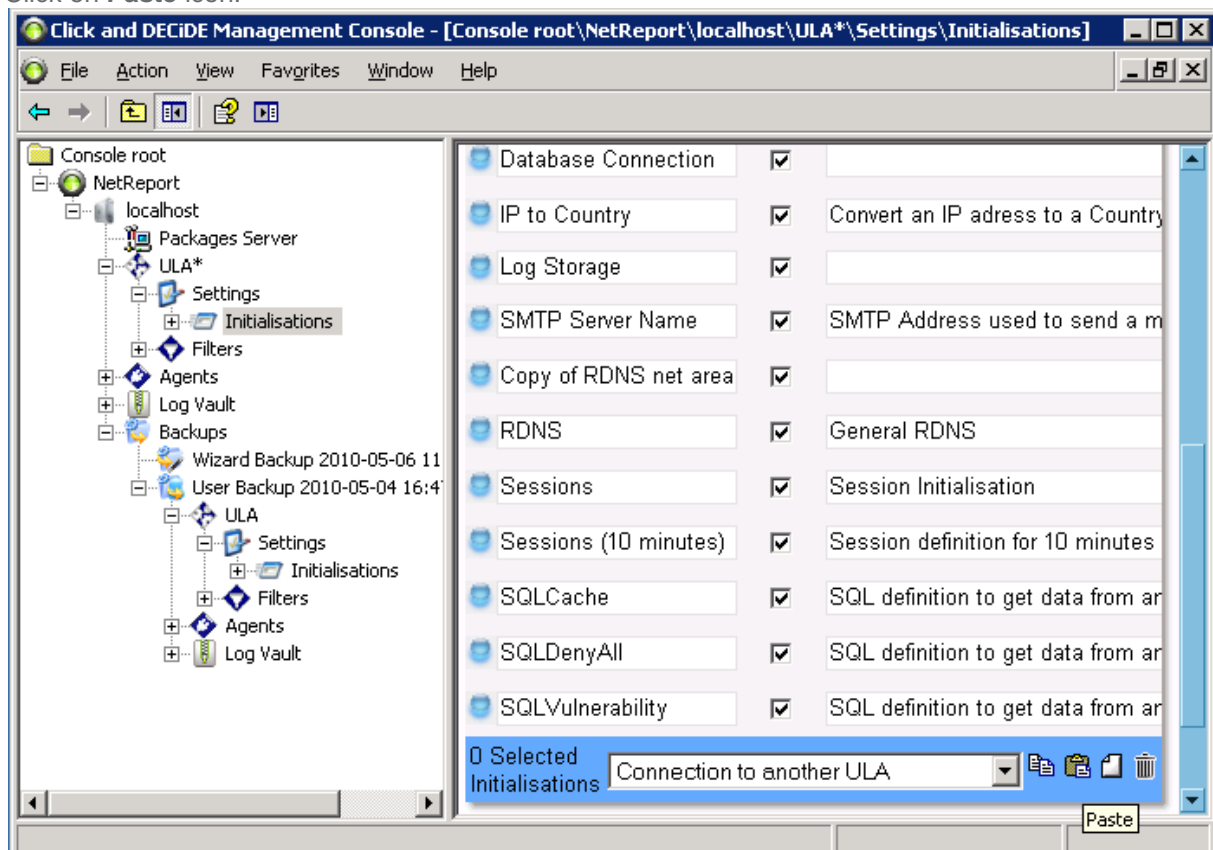


6. Select the existing initialization or action (if it exists).

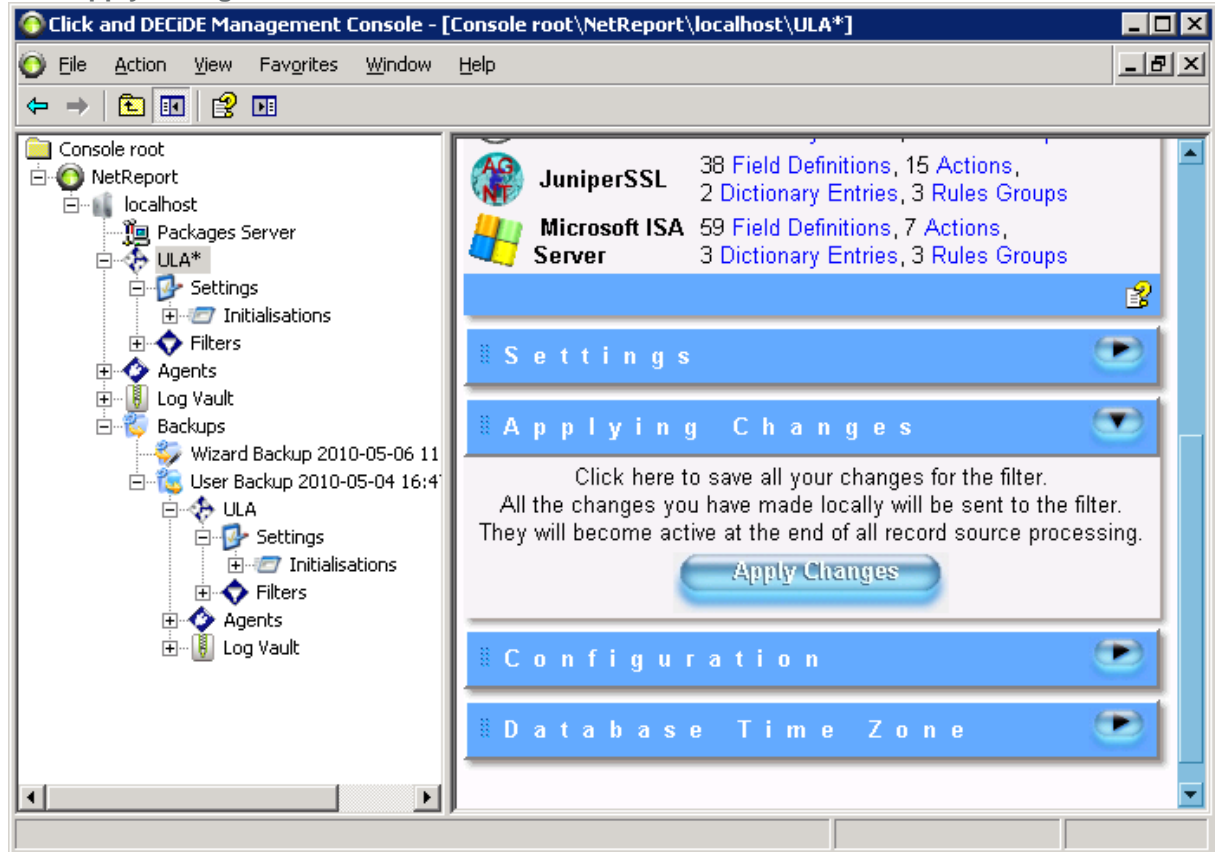


7. Click on Delete icon.

8. Click on **Paste** icon.

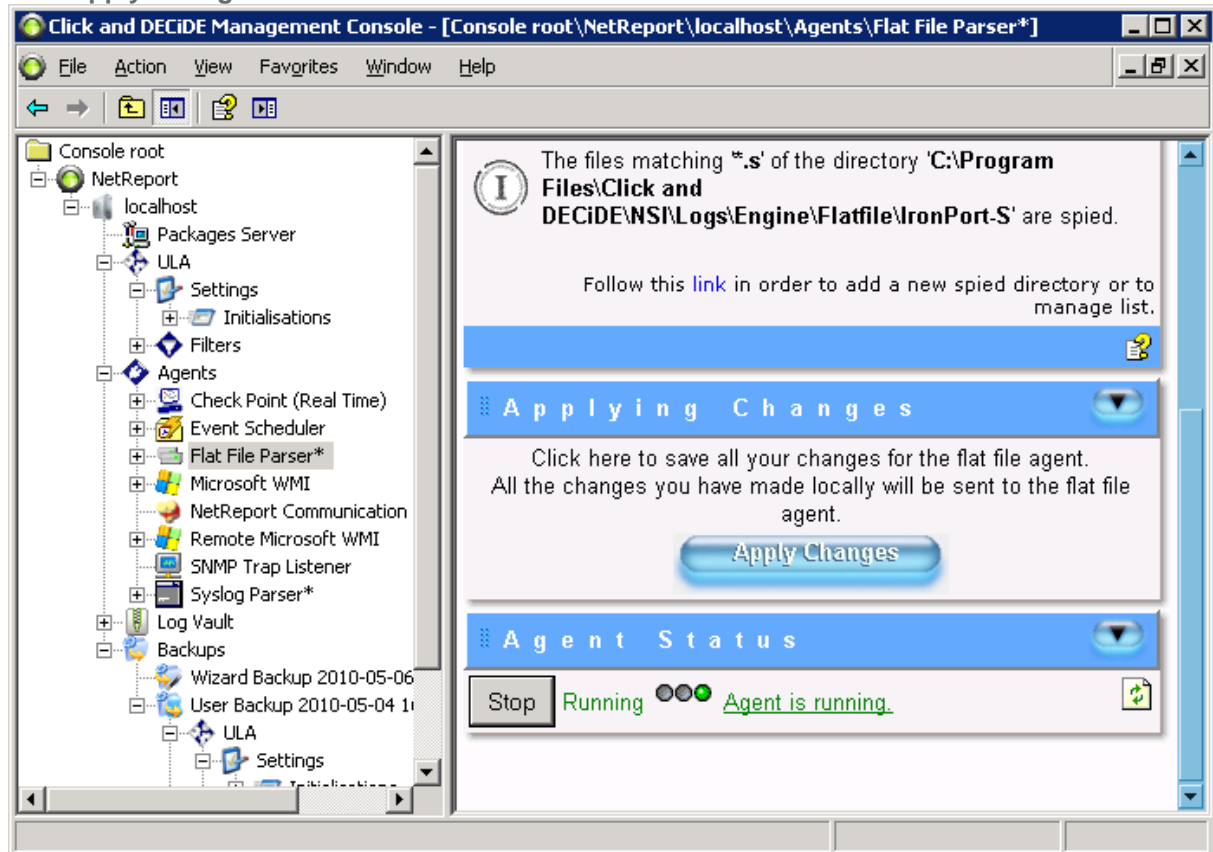


9. Rename the pasted initialization or action. Remove **Copy of**.
10. Repeat step 9. to 16. for every initialization or action you want to restore.
11. Navigate to **NetReport/localhost/ULA**.
12. Click **Apply Changes**.



13. Open the **NetReport/localhost/Agents** subtree.
14. Navigate to a node with an asterisk (*).

15. Click **Apply Changes**.



16. Repeat step 21. and 22. for every agent with an asterisk (*).

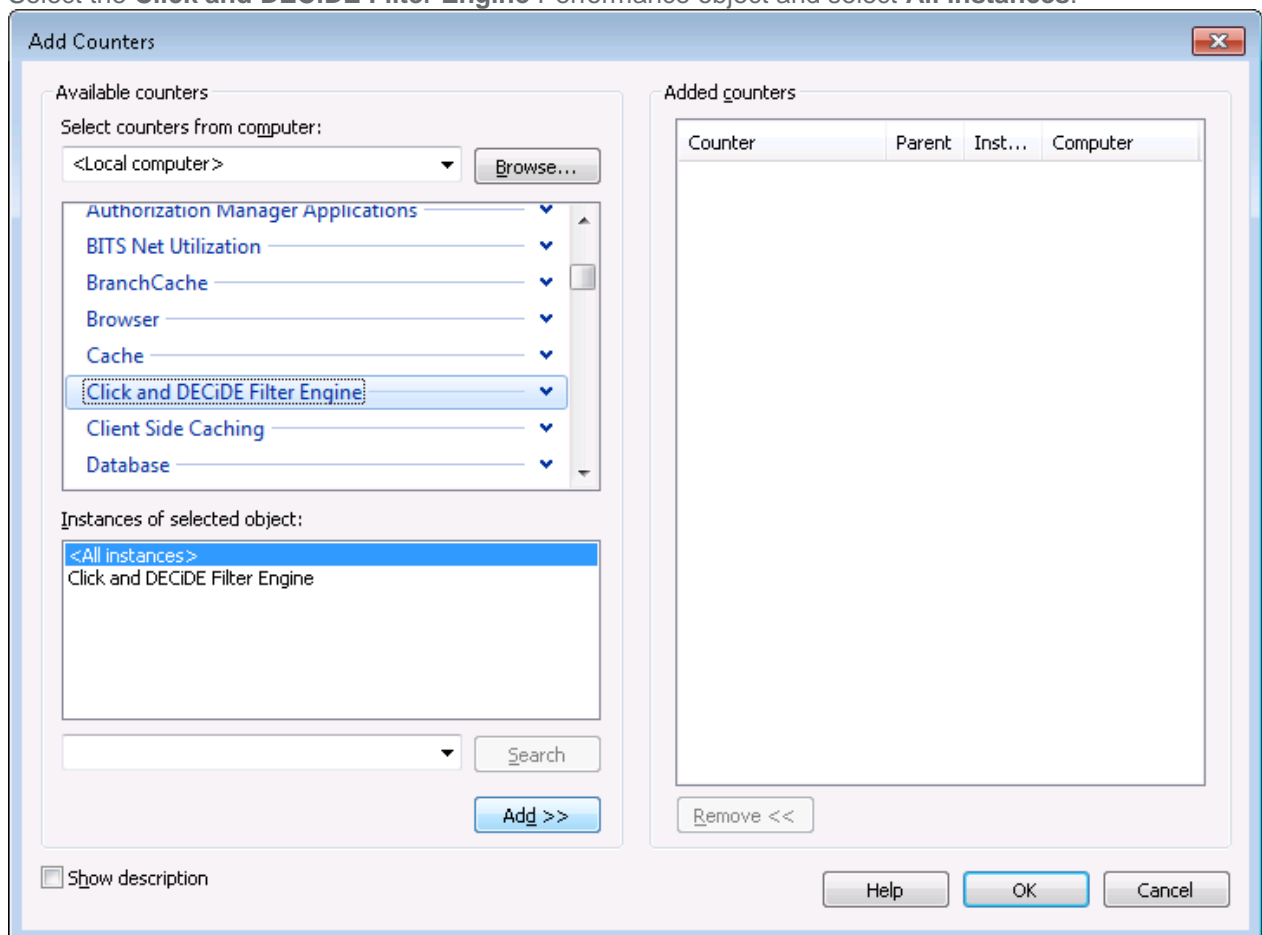
Note : for the Microsoft WMI or the Remote Microsoft WMI, you may need to copy and paste specific agent configuration form the backup.

17. Close the **Management Console**.

Section 4: Check your configuration

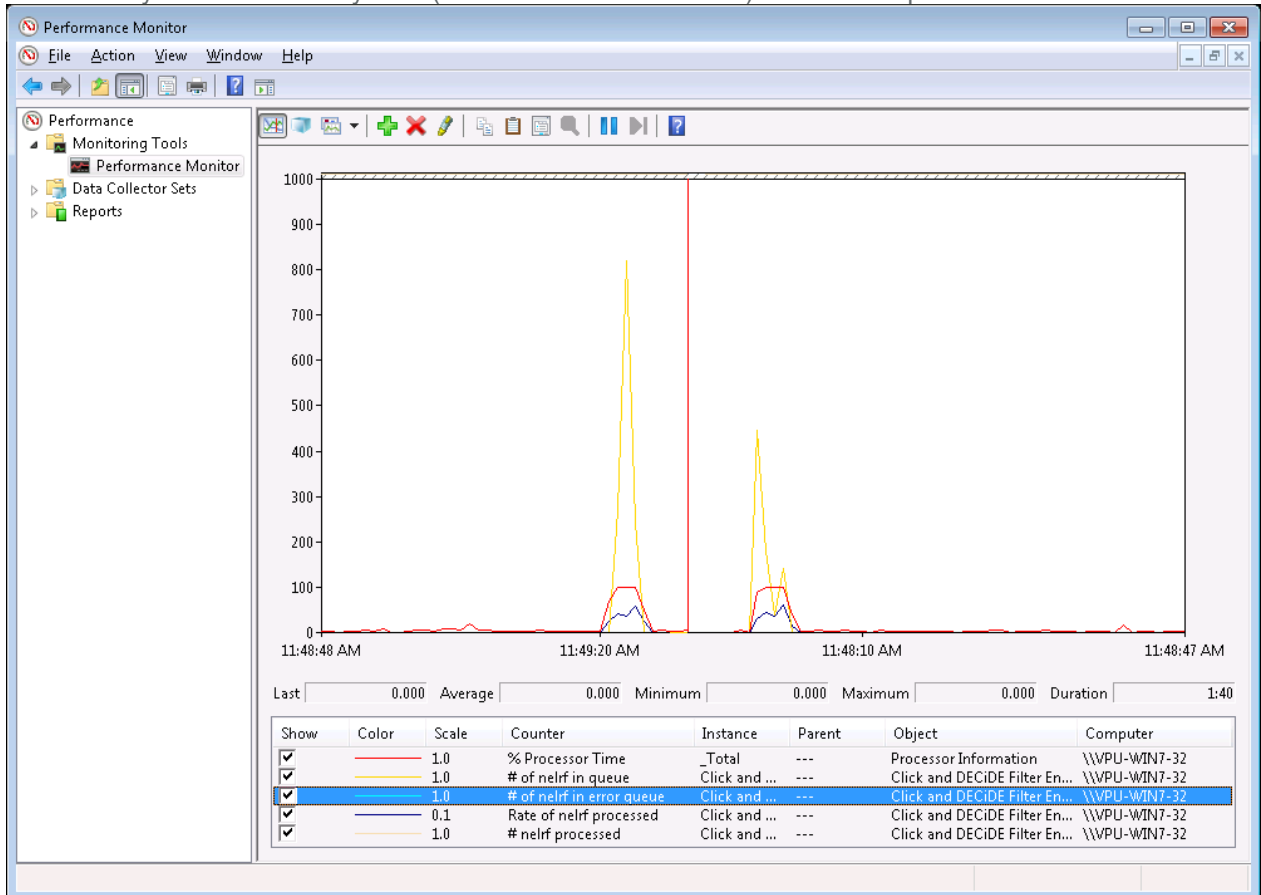
Log Acquisition

1. Start the log treatment.
2. Open the Performance Counters:
 - On a 32-bit OS, click in the **Start Search** box, type **perfmon** , and press ENTER.
 - On a 64-bit OS, click in the **Start Search** box, type **SystemRoot%\SysWOW64\perfmon.exe**, and press ENTER.
3. Click the + in the toolbar.
4. Select the **Click and DECiDE Filter Engine** Performance object and select **All instances**.



5. Click **Add>>**.
6. Click **OK**.

7. Check that you don't have any nelfr (Click And DECiDE events) in the error queue.

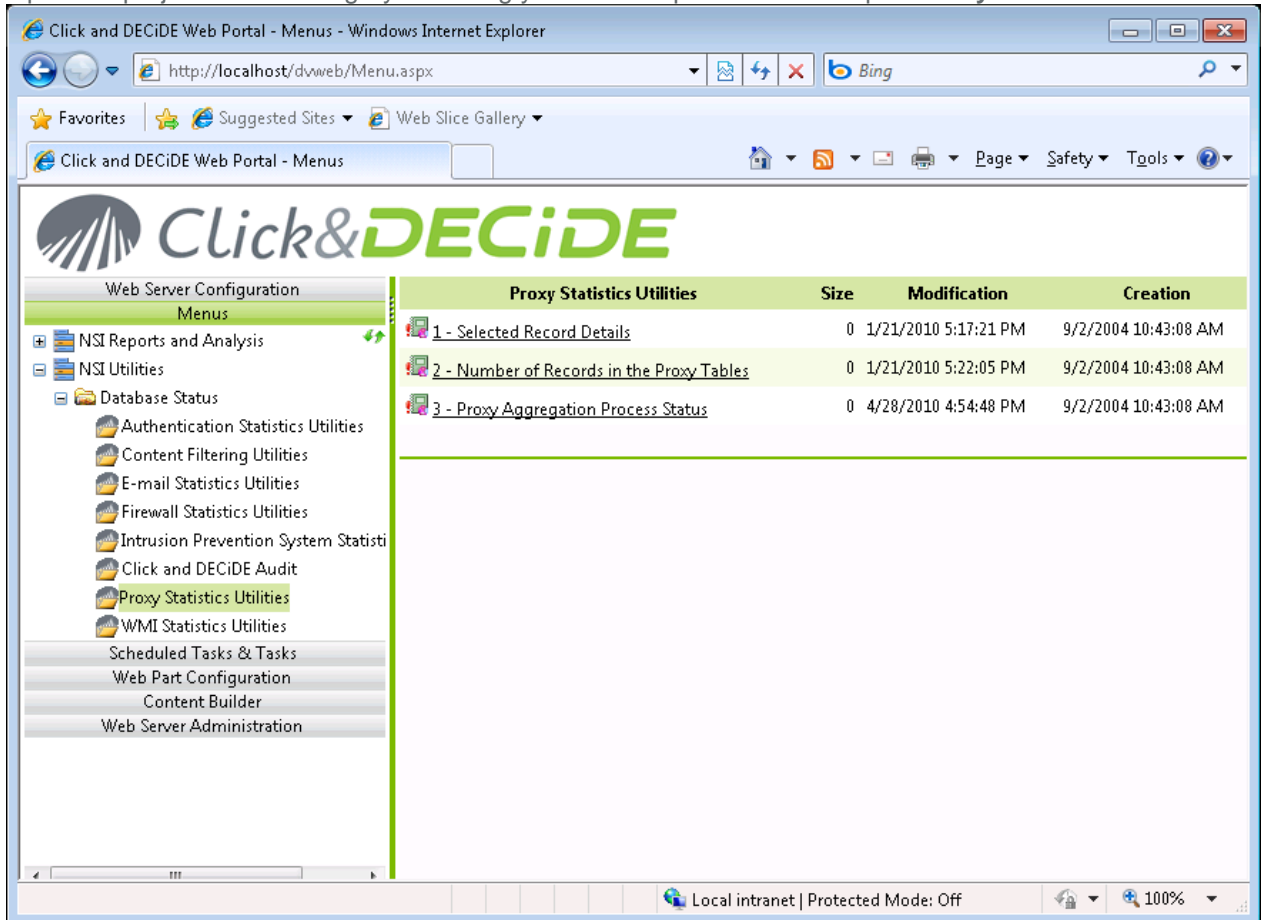


Note: the engine queues are stored in the folder **C:\Program Files\Click and DECiDE\NSI\Error agent Storage**. You can modify the destination of these files by changing the registry value:
HKEY_LOCAL_MACHINE\SOFTWARE\WetReport\MC\Agents\Error\StoragePath.
 You have to restart the Click & DECiDE Filter Engine service after any change

Log Insertion

7. Open **Web Portal: Start>All Programs>Click and DECiDE>BAI**.
8. Login as a member of **NSI Admin**.
9. Navigate to **NSI Utilities/Database Status**.

10. Open the project for the category of the log you have acquired. For example: **ProxyStatistics Utilities**.

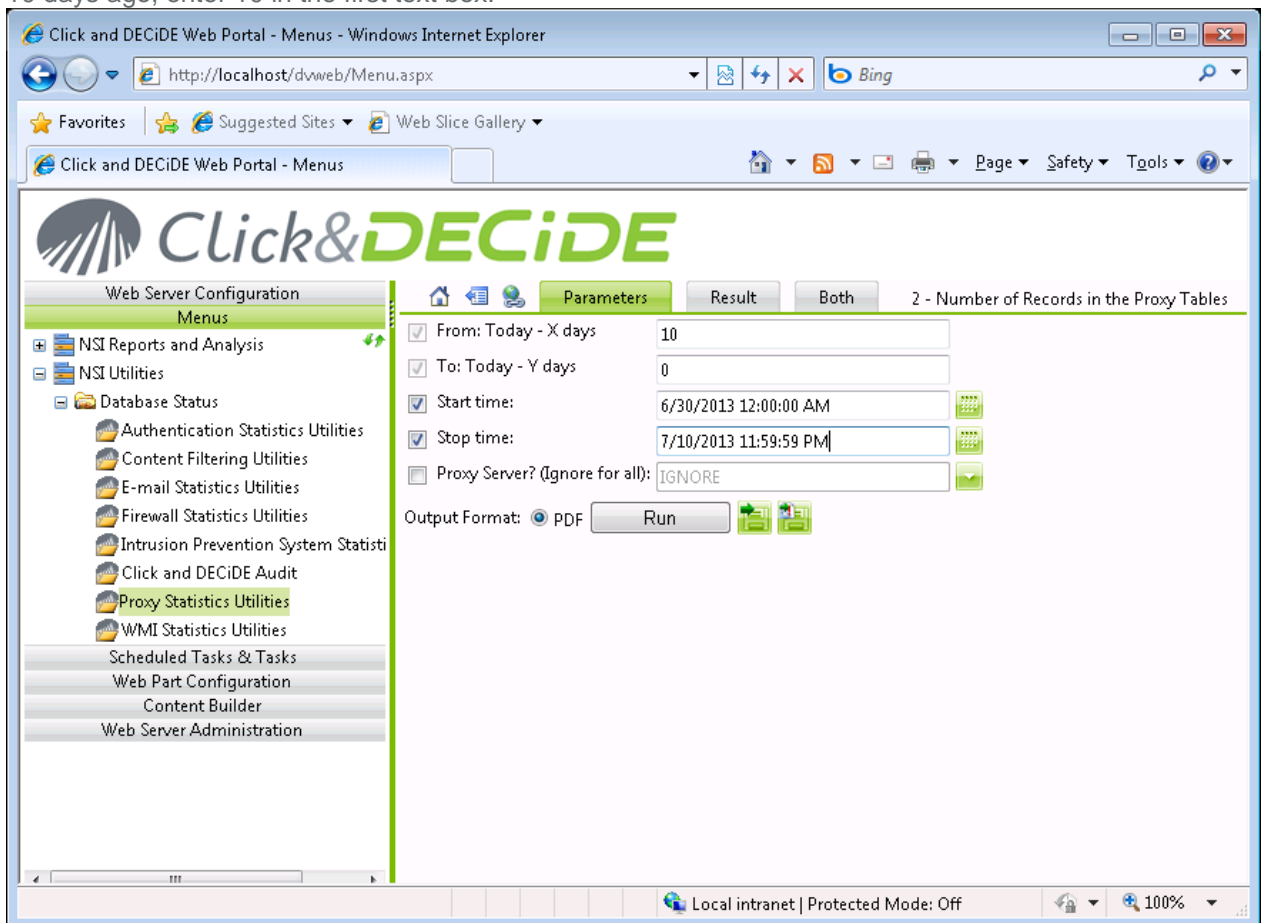


The screenshot shows the Click&DECiDE Web Portal interface. The left sidebar contains a menu with the following items: Web Server Configuration, Menus, NSI Reports and Analysis, NSI Utilities, Database Status, Authentication Statistics Utilities, Content Filtering Utilities, E-mail Statistics Utilities, Firewall Statistics Utilities, Intrusion Prevention System Statistics, Click and DECiDE Audit, Proxy Statistics Utilities (highlighted), WMI Statistics Utilities, Scheduled Tasks & Tasks, Web Part Configuration, Content Builder, and Web Server Administration. The main content area displays the 'Proxy Statistics Utilities' section with a table listing three items:

	Size	Modification	Creation
1 - Selected Record Details	0	1/21/2010 5:17:21 PM	9/2/2004 10:43:08 AM
2 - Number of Records in the Proxy Tables	0	1/21/2010 5:22:05 PM	9/2/2004 10:43:08 AM
3 - Proxy Aggregation Process Status	0	4/28/2010 4:54:48 PM	9/2/2004 10:43:08 AM

11. Open the report **2 - Number of Records in the Proxy Tables**.

12. 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.



Click and DECiDE Web Portal - Menus - Windows Internet Explorer

http://localhost/dvweb/Menu.aspx

Click and DECiDE Web Portal - Menus

Click&DECiDE

Web Server Configuration

Menus

- NSI Reports and Analysis
- NSI Utilities
 - Database Status
 - Authentication Statistics Utilities
 - Content Filtering Utilities
 - E-mail Statistics Utilities
 - Firewall Statistics Utilities
 - Intrusion Prevention System Statistics
 - Click and DECiDE Audit
 - Proxy Statistics Utilities
 - WMI Statistics Utilities
 - Scheduled Tasks & Tasks
 - Web Part Configuration
 - Content Builder
 - Web Server Administration

Parameters Result Both 2 - Number of Records in the Proxy Tables

☒ From: Today - X days 10

☒ To: Today - Y days 0

☒ Start time: 6/30/2013 12:00:00 AM

☒ Stop time: 7/10/2013 11:59:59 PM

☐ Proxy Server? (Ignore for all): IGNORE

Output Format: PDF Run

Local intranet | Protected Mode: Off 100%

Click and DECIDE Web Portal - Menus - Windows Internet Explorer

http://localhost/dvweb/Menu.aspx

Click and DECIDE Web Portal - Menus

Web Server Configuration

Menus

NSI Reports and Analysis

NSI Utilities

Database Status

Authentication Statistics Utilities

Content Filtering Utilities

E-mail Statistics Utilities

Firewall Statistics Utilities

Intrusion Prevention System Statistics Utilities

Click and DECIDE Audit

Proxy Statistics Utilities

WMI Statistics Utilities

Scheduled Tasks & Tasks

Web Part Configuration

Content Builder

Web Server Administration

Parameters Result Both

2 - Number of Records in the Proxy Tables

Find

Number of Records in the Proxy Tables

This report presents the total number of records existing in the different tables from the oldest to the most recent date and time with the aggregation status associated from within the timeframe Jan 30, 2013 at 00:00:00 AM until the max record July 10, 2013 at 11:59:59 PM

Raw Data			
pr_i_results	@ Proxy Server(s)	@ row(s)	Pract: Tto
pr_i_results_avg	@ Proxy Server(s)	@ row(s)	Pract: Tto
pr_i_results	@ Proxy Server(s)	@ row(s)	Pract: Tto
Aggregated Data			
pr_i_daily_cache	@ Proxy Server(s)	@ row(s)	Pract: Tto
pr_i_daily_mime	@ Proxy Server(s)	@ row(s)	Pract: Tto
pr_i_daily_results	@ Proxy Server(s)	@ row(s)	Pract: Tto
pr_i_daily_results_hour	@ Proxy Server(s)	@ row(s)	Pract: Tto
pr_i_daily_search	@ Proxy Server(s)	@ row(s)	Pract: Tto
pr_i_daily_user_ca	@ Proxy Server(s)	@ row(s)	Pract: Tto
pr_i_daily_stats	@ Proxy Server(s)	@ row(s)	Pract: Tto
pr_i_monthly_cache	@ Proxy Server(s)	@ row(s)	Pract: Tto
pr_i_monthly_mime	@ Proxy Server(s)	@ row(s)	Pract: Tto
pr_i_monthly_results	@ Proxy Server(s)	@ row(s)	Pract: Tto
pr_i_monthly_results_day	@ Proxy Server(s)	@ row(s)	Pract: Tto
pr_i_monthly_search	@ Proxy Server(s)	@ row(s)	Pract: Tto
pr_i_monthly_user_ca	@ Proxy Server(s)	@ row(s)	Pract: Tto
pr_i_monthly_stats	@ Proxy Server(s)	@ row(s)	Pract: Tto
Dimension Data			
pr_i_proxy	1 row(s)	pr_i_cache	10 row(s)
pr_i_ip_user	4 row(s)	pr_i_file_type	10 row(s)
pr_i_destination	30 row(s)	pr_i_result	1 row(s)
pr_i_browser	2 row(s)	pr_i_result_group	2 row(s)
		pr_i_search_engine	2 row(s)
		pr_i_search_setting	2 row(s)
		pr_i_service	2 row(s)
		pr_i_url	10 row(s)

Report printed on: recorded: July 10, 2013 at 11:57

Dashboard created with © [dashboards](#)

Page 1/1

Done

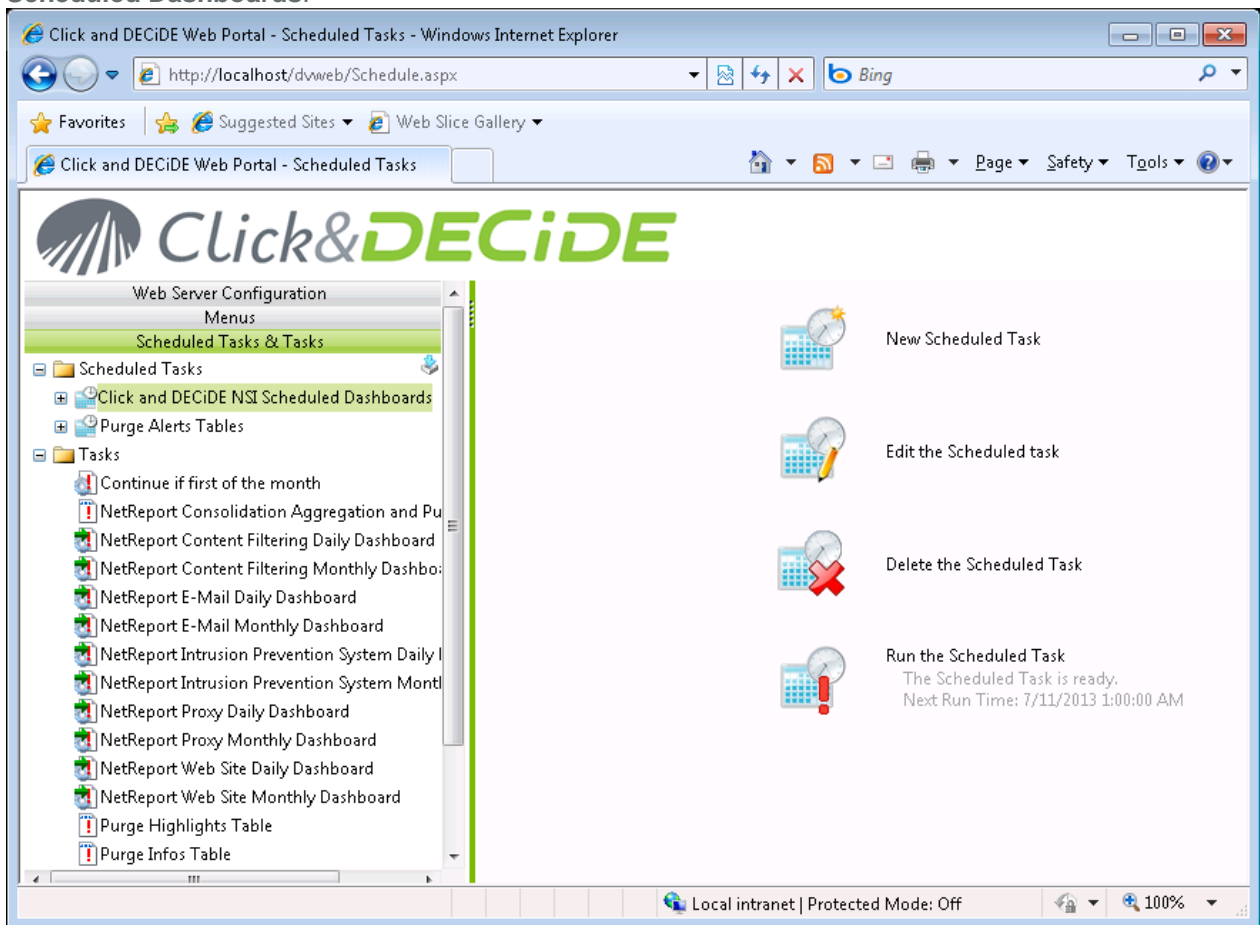
Local intranet | Protected Mode: Off

100%

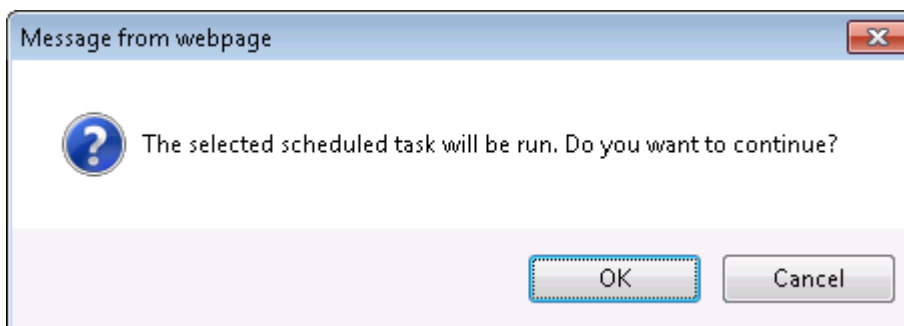
Report Generation

1. Open **Web Portal: Start>All Programs>Click and DECiDE>BAI.**
2. Login as a member of **NSI Admin.**

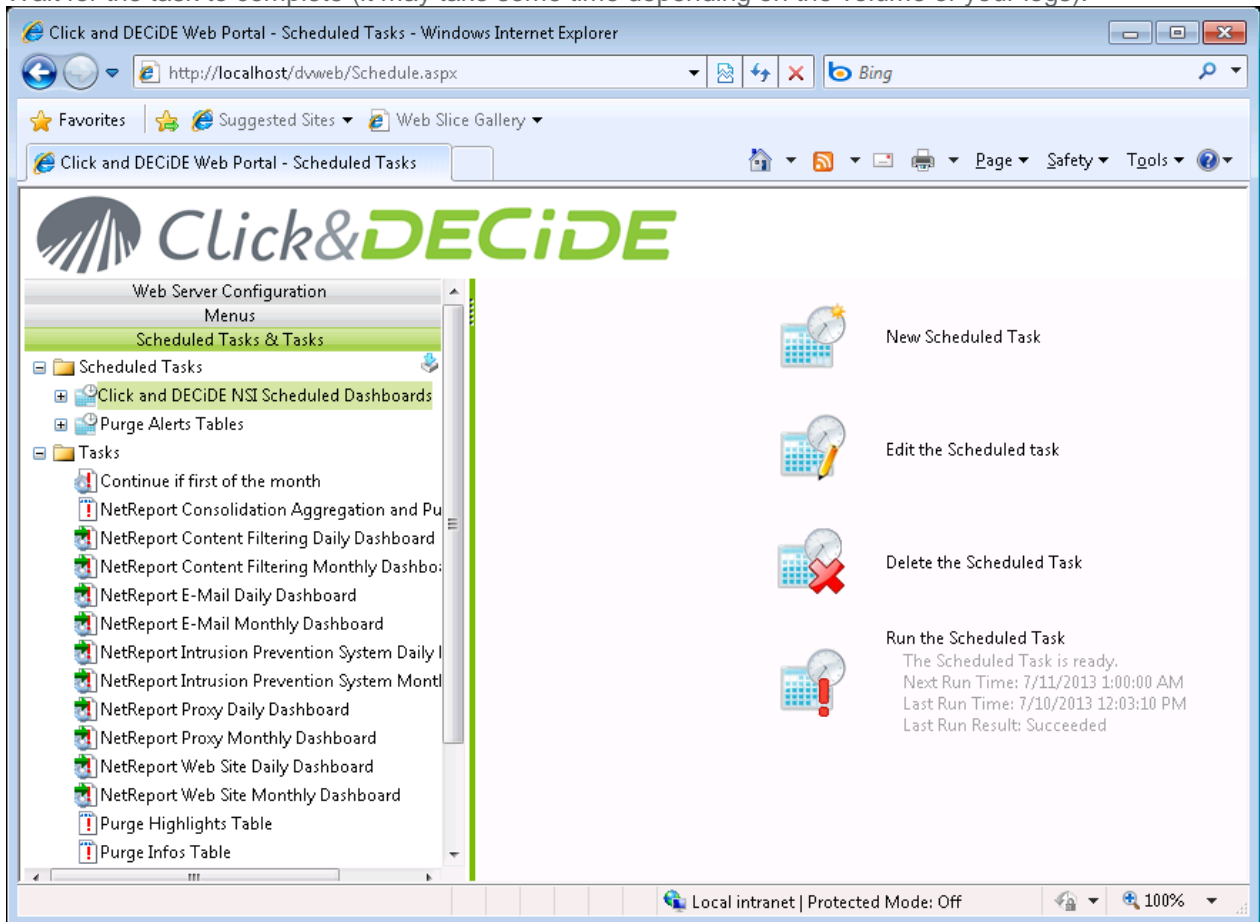
3. In the **Scheduled Tasks & Tasks** section, navigate to **Scheduled Tasks/Click and DECiDE NSI Scheduled Dashboards**.



1. Click on **Run the Scheduled Task** in the right panel.
2. Click **OK**.

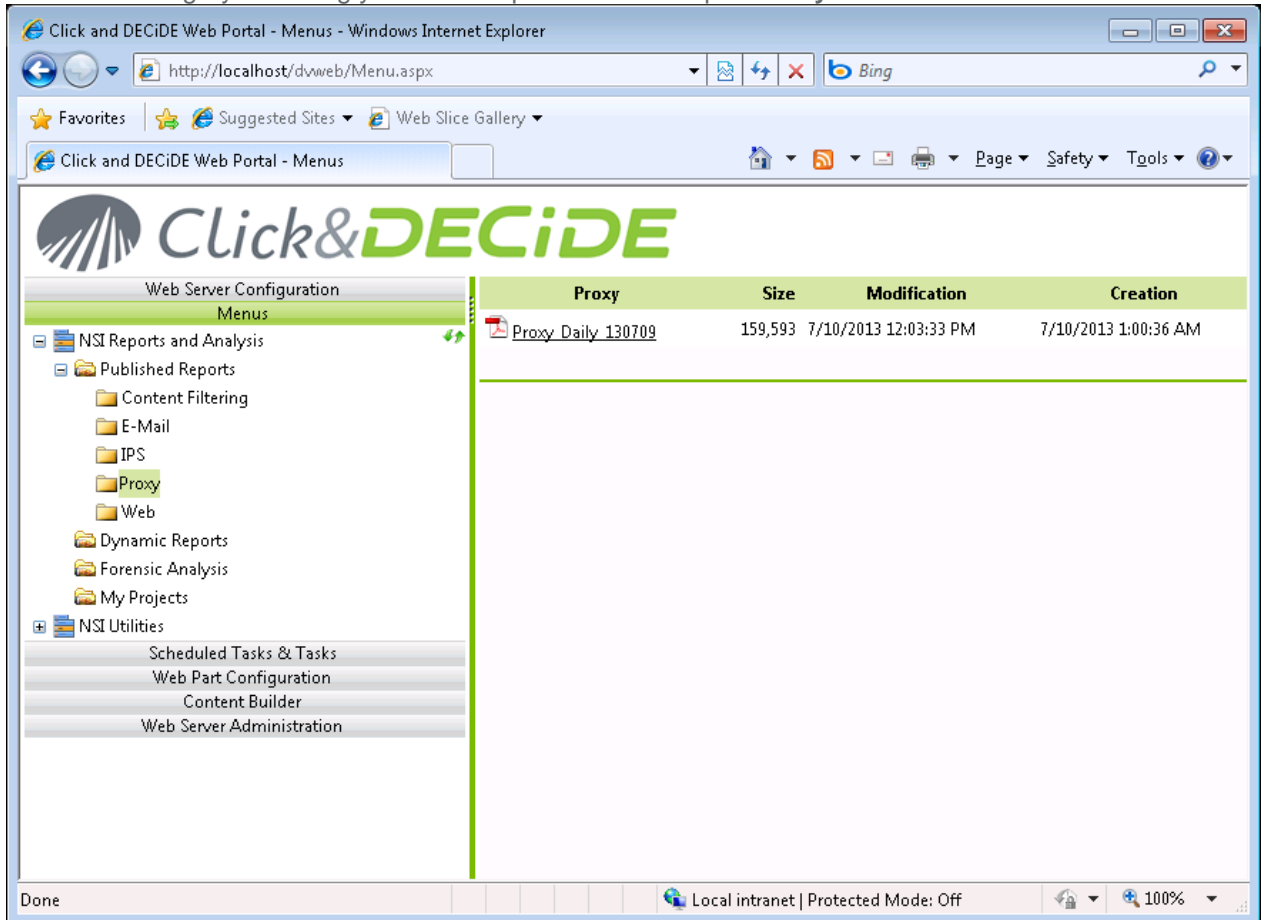


- Wait for the task to complete (it may take some time depending on the volume of your logs).



- Navigate to **NSI Reports and Analysis/Published Report** in the **Menus** section.

5. Select the category of the log you have acquired. For example: **Proxy**.



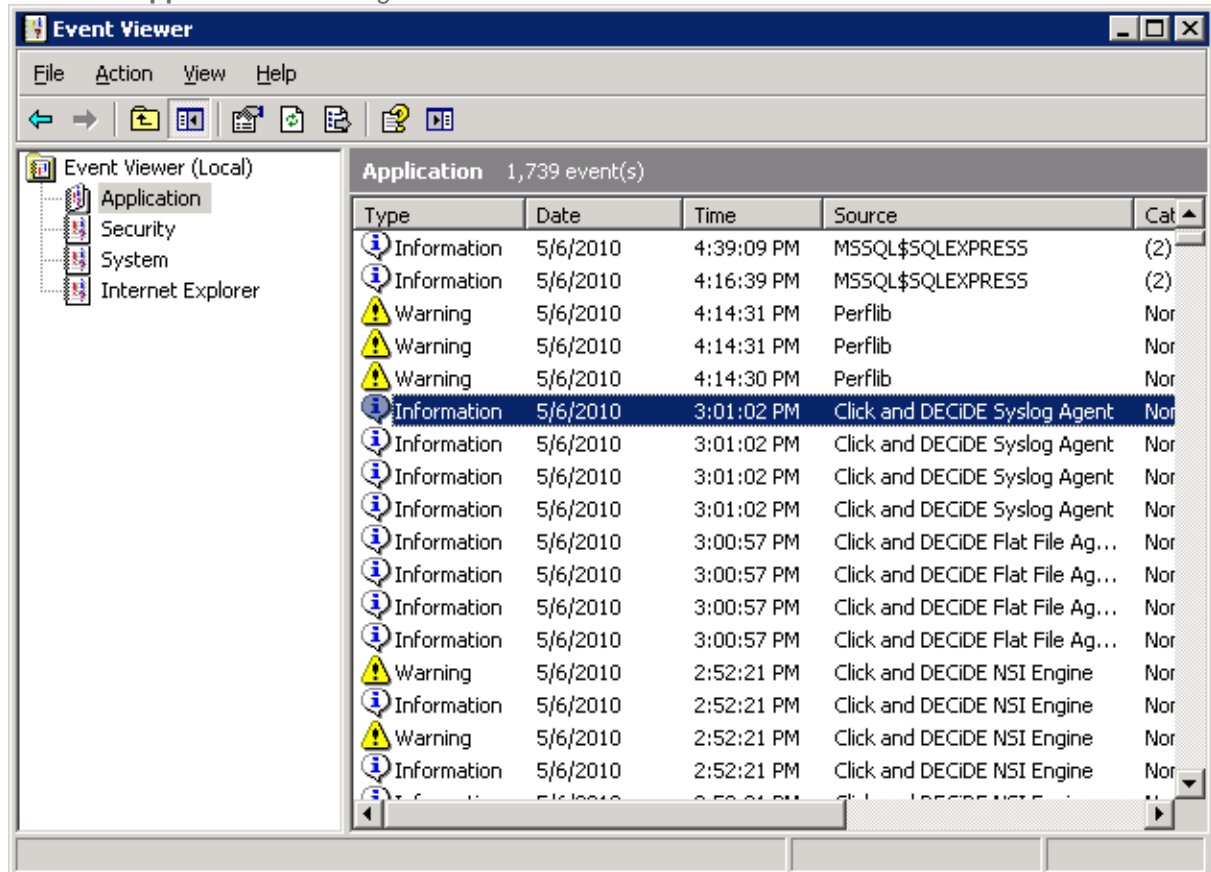
Proxy	Size	Modification	Creation
Proxy Daily 130709	159,593	7/10/2013 12:03:33 PM	7/10/2013 1:00:36 AM

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

Event Viewer

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

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



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