

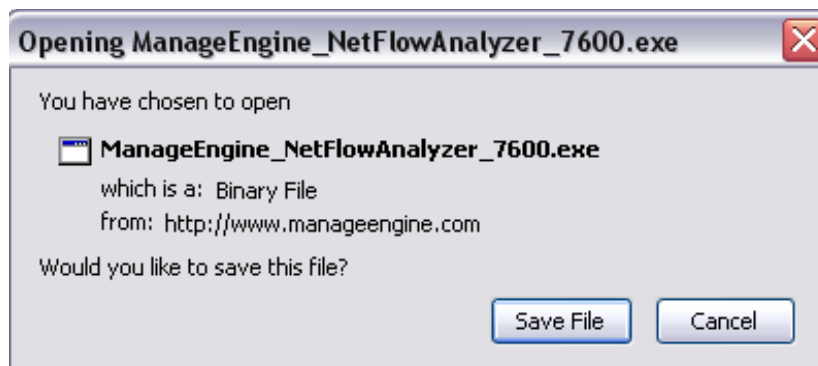
NetFlow Analyzer Installation for **Windows**

Download Process:-

Step 1:- NetFlow Analyzer is available as an EXE file at

<http://www.netflowanalyzer.com/download.html>

Step 2:- Download the EXE file and save to the server where you want the product installed.

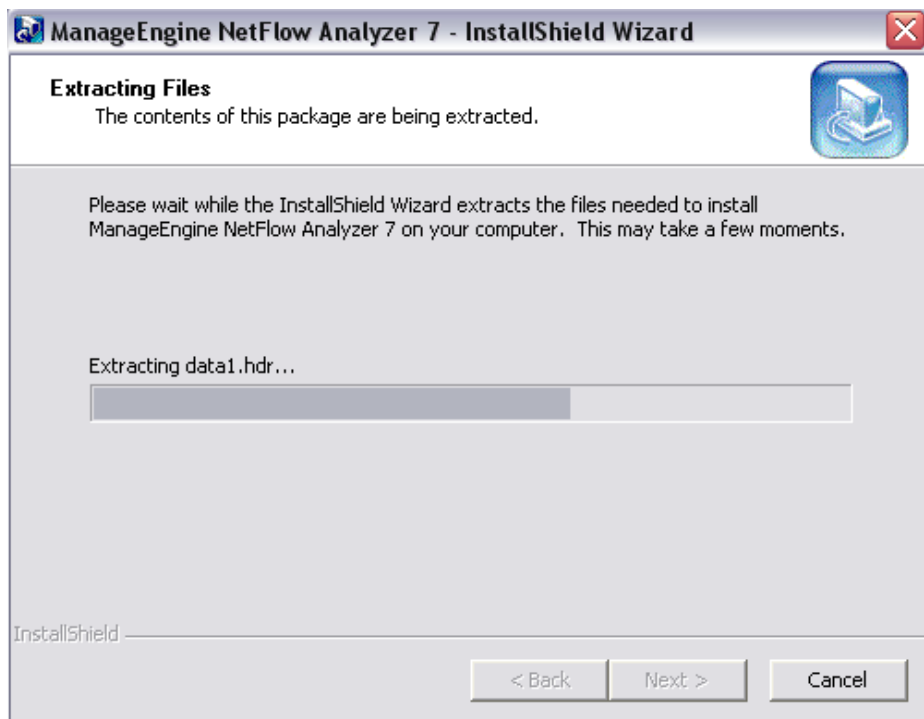



Step 3:- Double-click the EXE file to start installation.

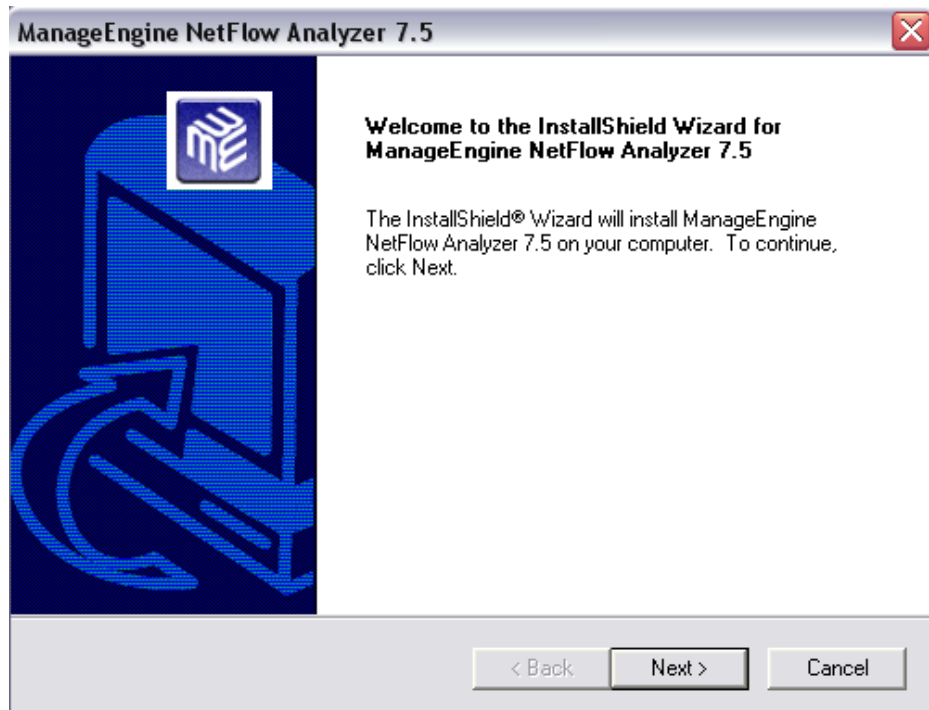


Installation Process:-

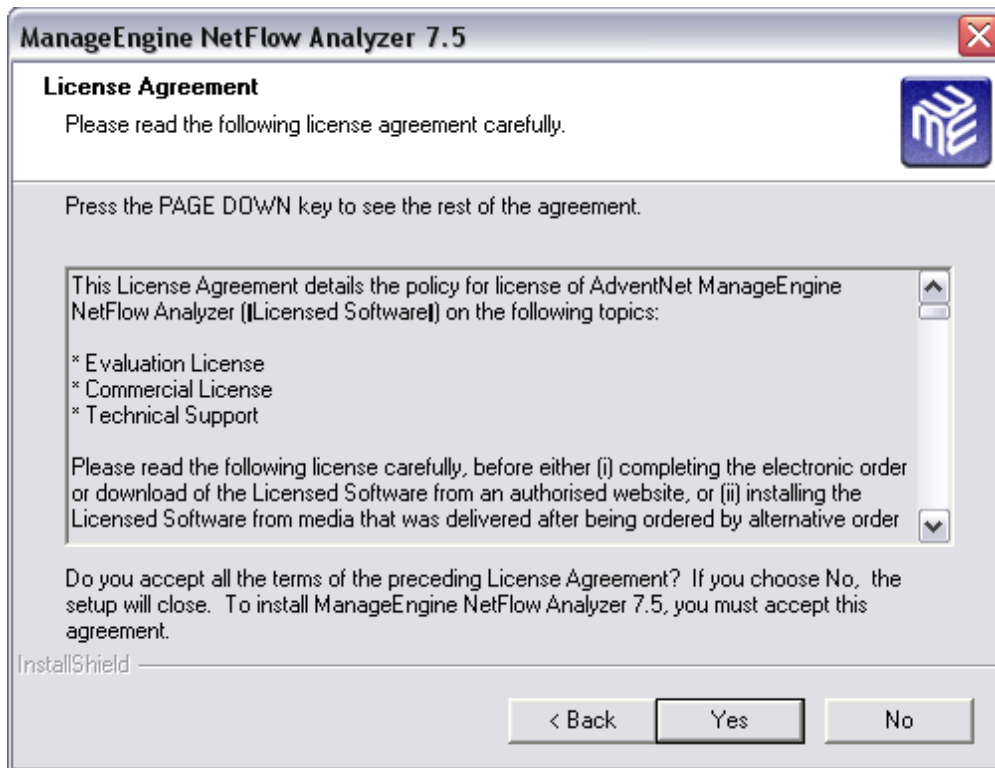
Step 1:- After double clicking the EXE file, installation will start with the file extraction.

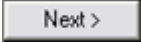


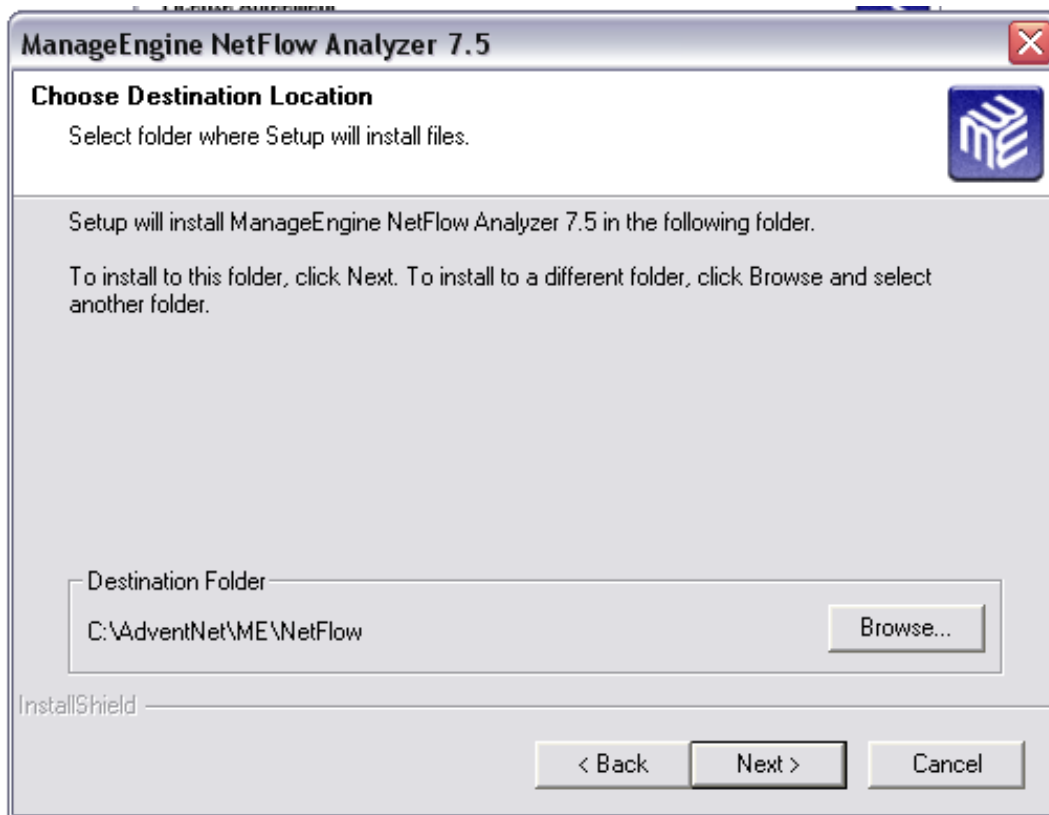
Step 2:- After extraction, you will be taken to a welcome screen. Here click on .




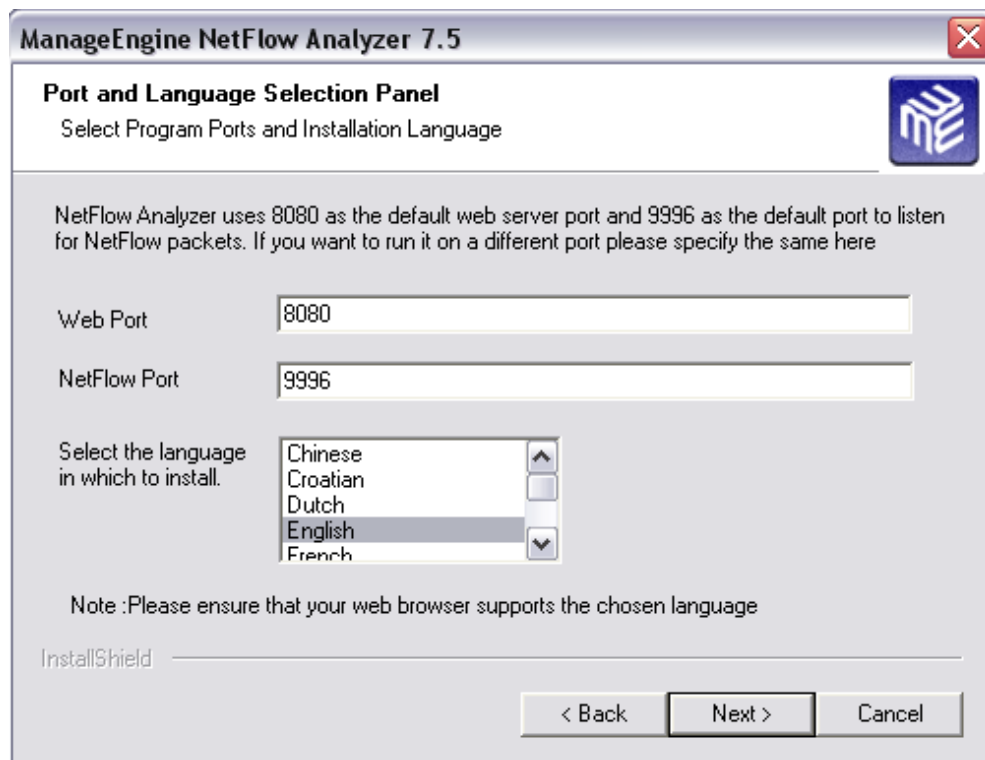
Step 3:- You will be taken to the License Agreement window. Please read the license agreement and click on **Yes** (*to continue the installation*) or **No** (*to stop the installation*).



Step4:- After accepting the License Agreement, you will be provided with an option to choose the 'Installation Location'. Please click the BROWSE button and select the drive / folder to install NetFlow Analyzer and click on .



Step 5:-You will be presented with the **Port and Language** selection window. Here you can select the web port (*this is the port on which you can connect to the NetFlow Analyzer user interface from a web browser*), NetFlow port (*This is the port on which NetFlow Analyzer listens for exported NetFlow packets from devices*) and the Language you want to install NetFlow Analyzer. Enter the necessary parameters and then click on .



ManageEngine NetFlow Analyzer 7.5

Port and Language Selection Panel
Select Program Ports and Installation Language

NetFlow Analyzer uses 8080 as the default web server port and 9996 as the default port to listen for NetFlow packets. If you want to run it on a different port please specify the same here

Web Port: 8080

NetFlow Port: 9996


Select the language in which to install.

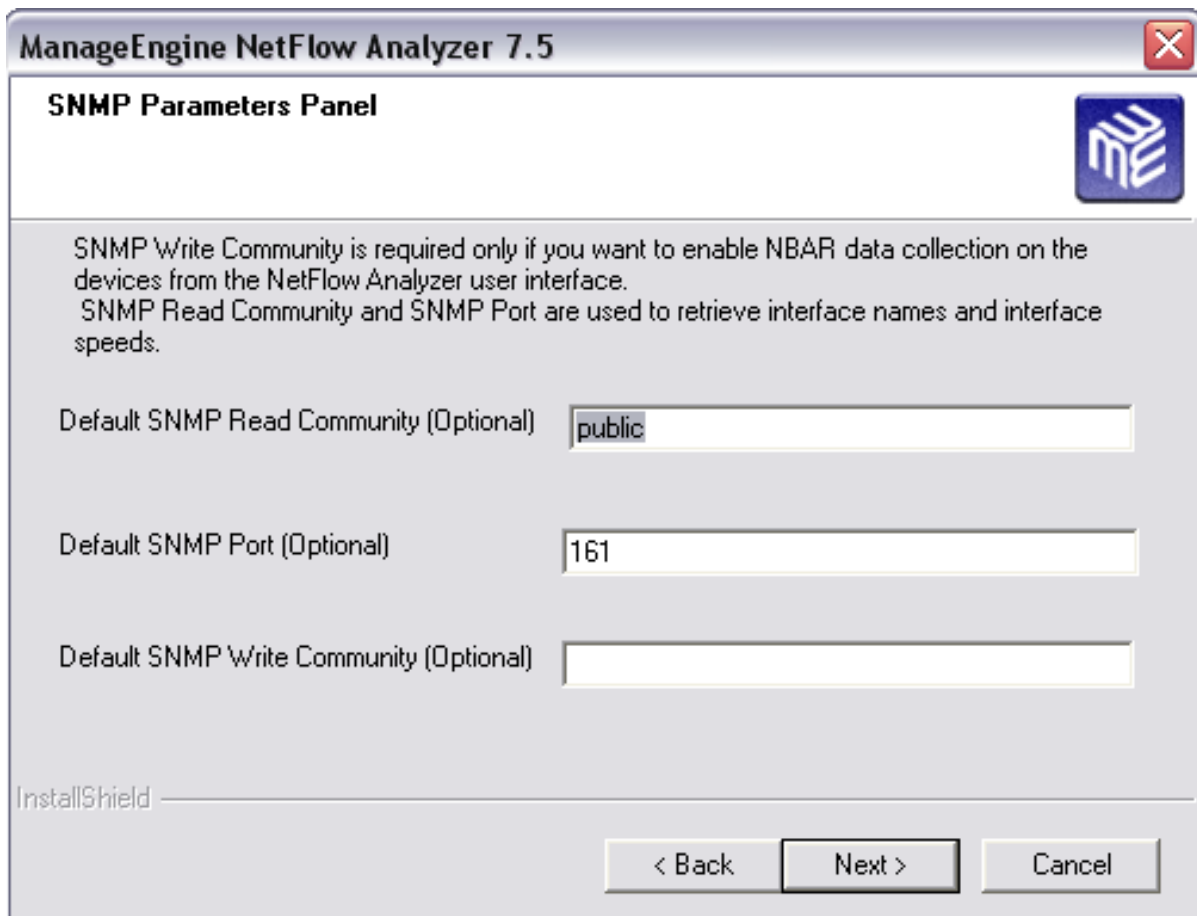
- Chinese
- Croatian
- Dutch
- English
- French

Note :Please ensure that your web browser supports the chosen language

InstallShield

< Back Next > Cancel

Step 6:- You will be provided options to set SNMP settings from your routers in NetFlow Analyzer. Please enter the parameters and then click on .



ManageEngine NetFlow Analyzer 7.5

SNMP Parameters Panel

SNMP Write Community is required only if you want to enable NBAR data collection on the devices from the NetFlow Analyzer user interface.
SNMP Read Community and SNMP Port are used to retrieve interface names and interface speeds.


Default SNMP Read Community (Optional)

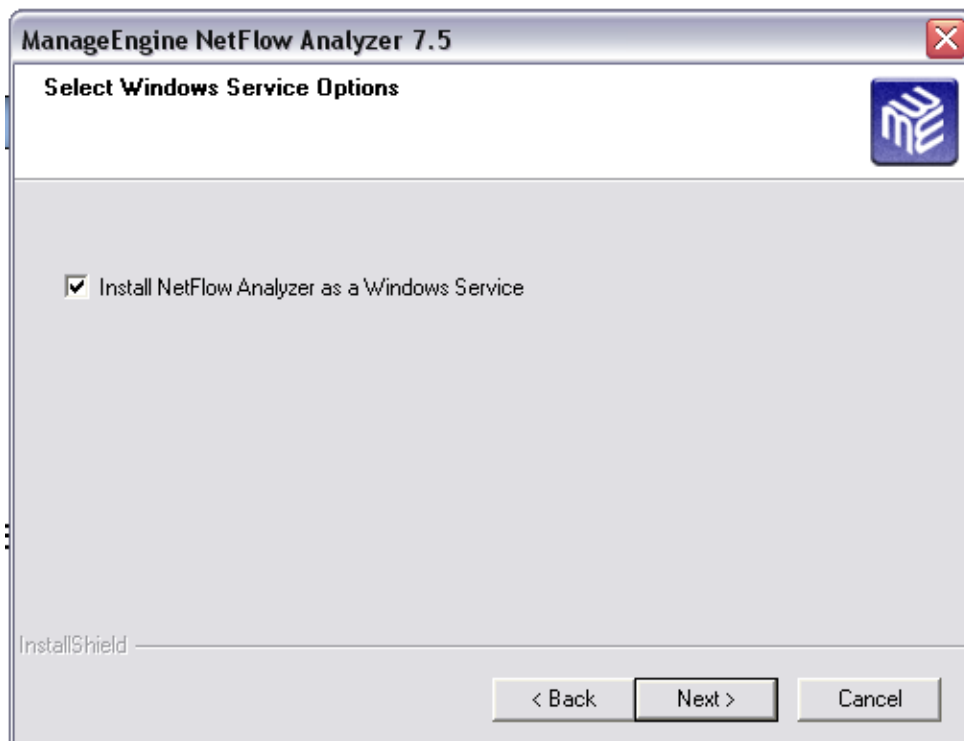
Default SNMP Port (Optional)

Default SNMP Write Community (Optional)

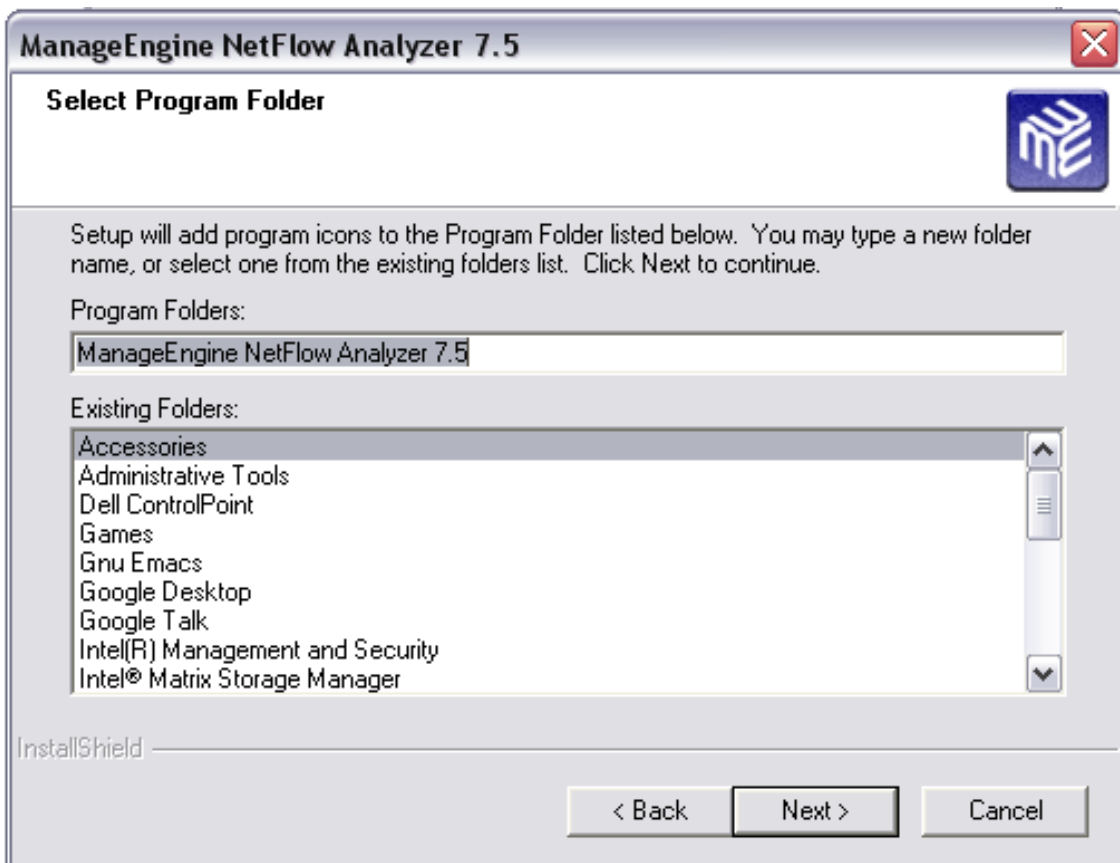
InstallShield


< Back Next > Cancel

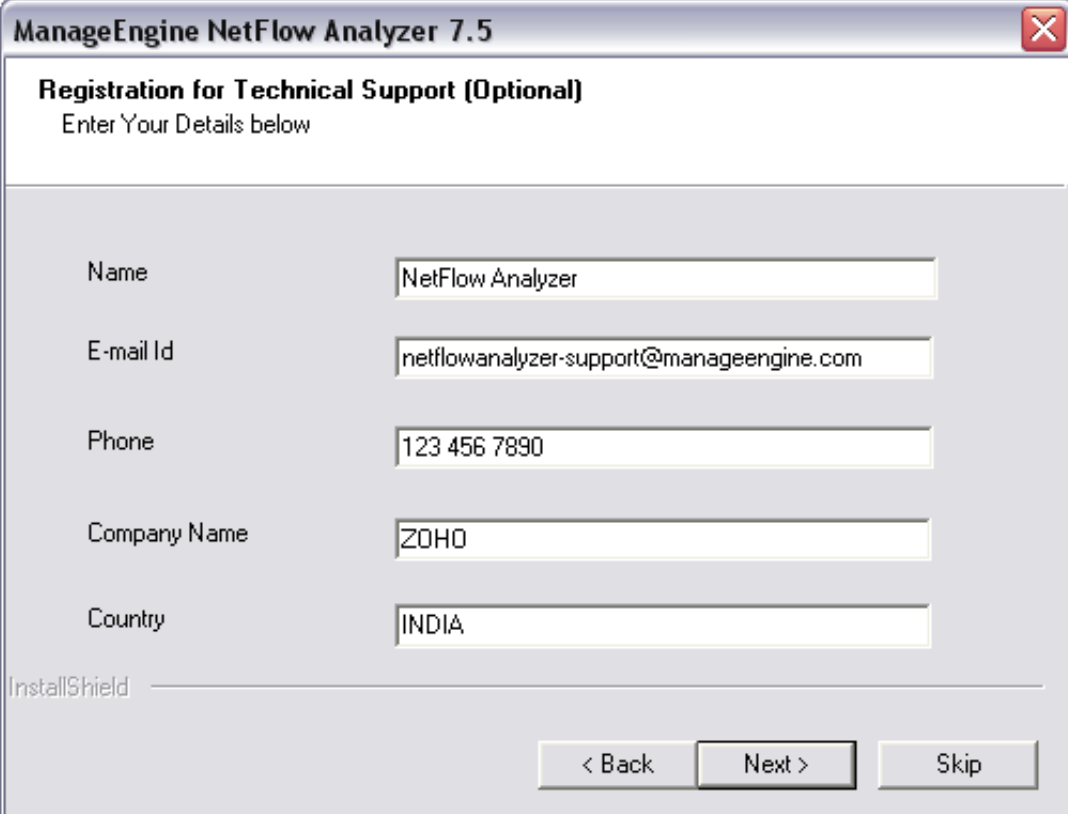
Step 7:- In the next window you can make the selection to run the product as a Windows service or as an application by running the run.bat from <NetFlow_Home>\bin directory. Click  after you have made your choice.



Step 8:- Select program folder name and click on .




Step 9:- Please fill in the details to register for technical support (during trial) and click on .

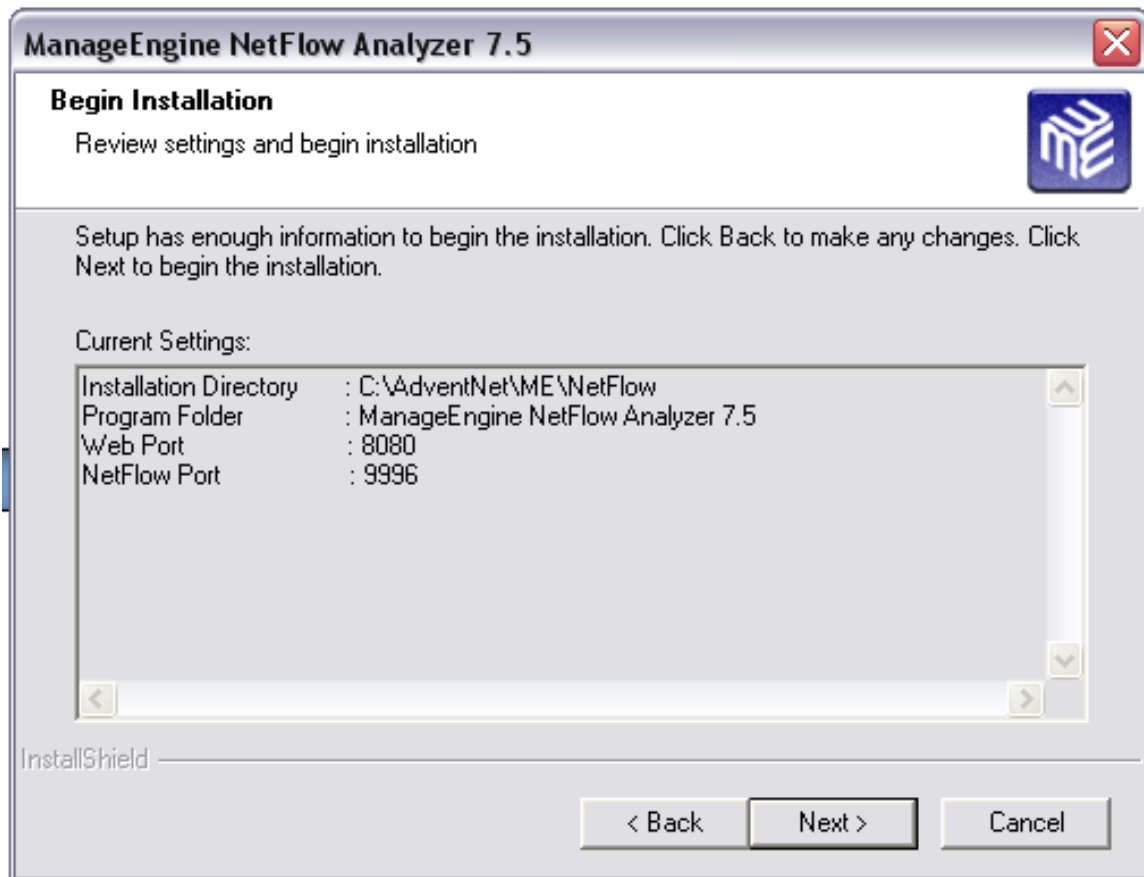


The screenshot shows a registration window titled "ManageEngine NetFlow Analyzer 7.5". The window contains a form for "Registration for Technical Support (Optional)". The form fields are filled with the following information:

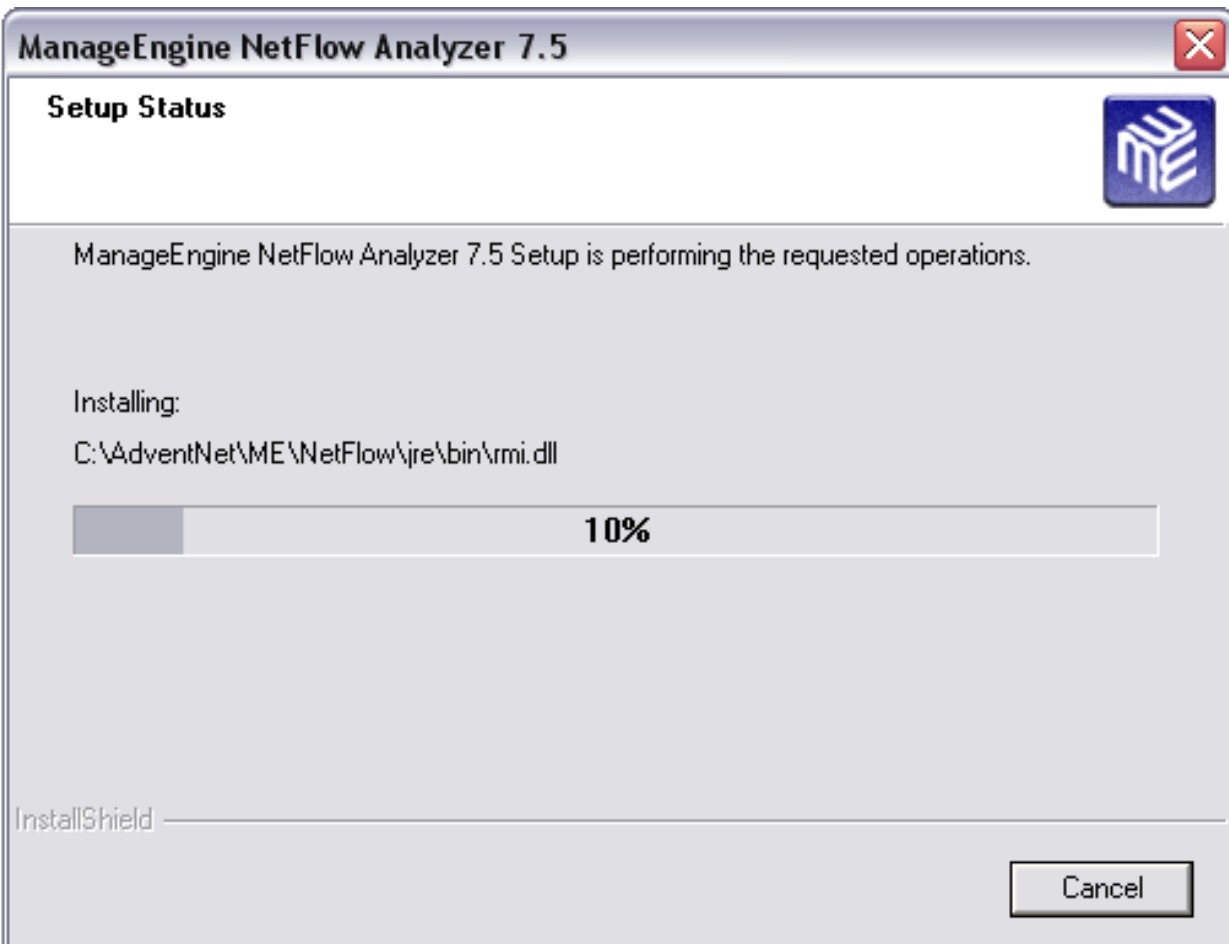
Field	Value
Name	NetFlow Analyzer
E-mail Id	netflowanalyzer-support@manageengine.com
Phone	123 456 7890
Company Name	ZOHO
Country	INDIA

At the bottom of the window, there are three buttons: "< Back", "Next >" (which is highlighted), and "Skip". The "InstallShield" logo is visible in the bottom left corner of the window.

Step 10:- The next window lets you verify the settings before proceeding with the installation. Once you have checked the settings click on .



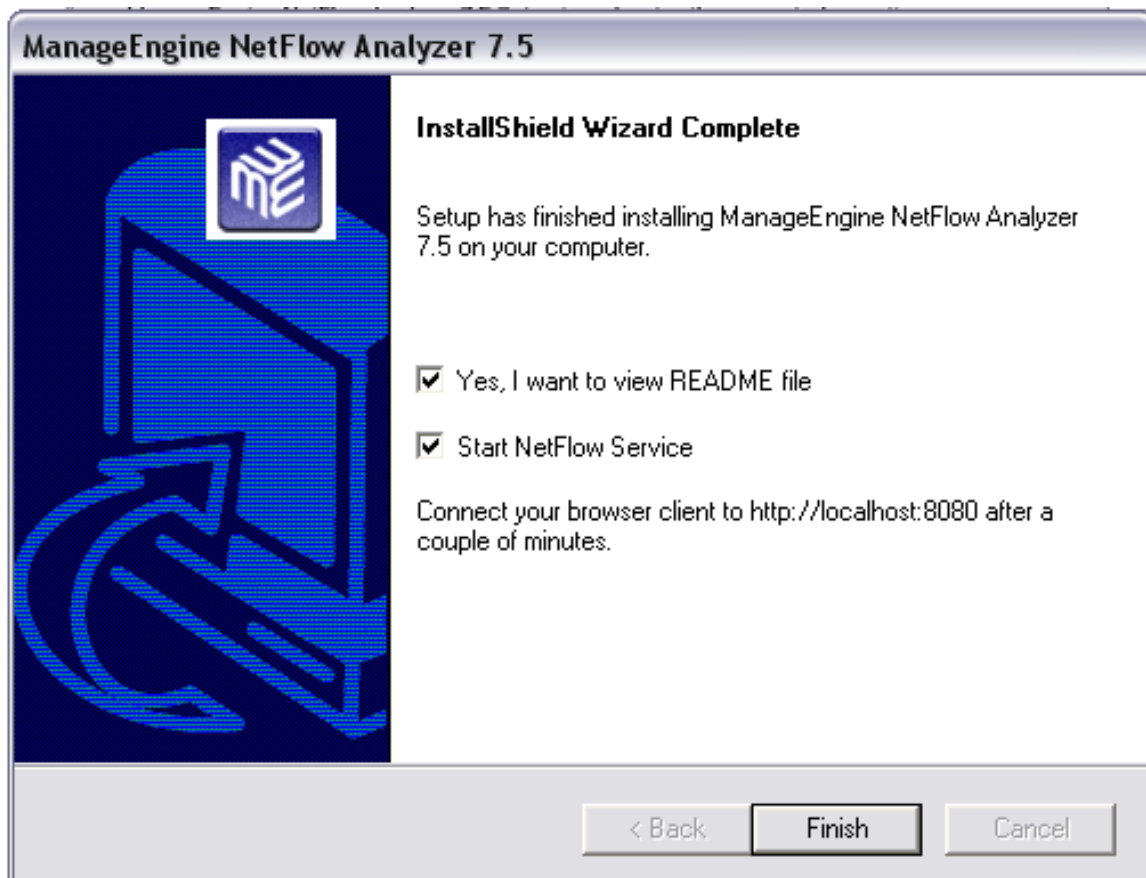
Step11:- The following window would show the progress of the installation.



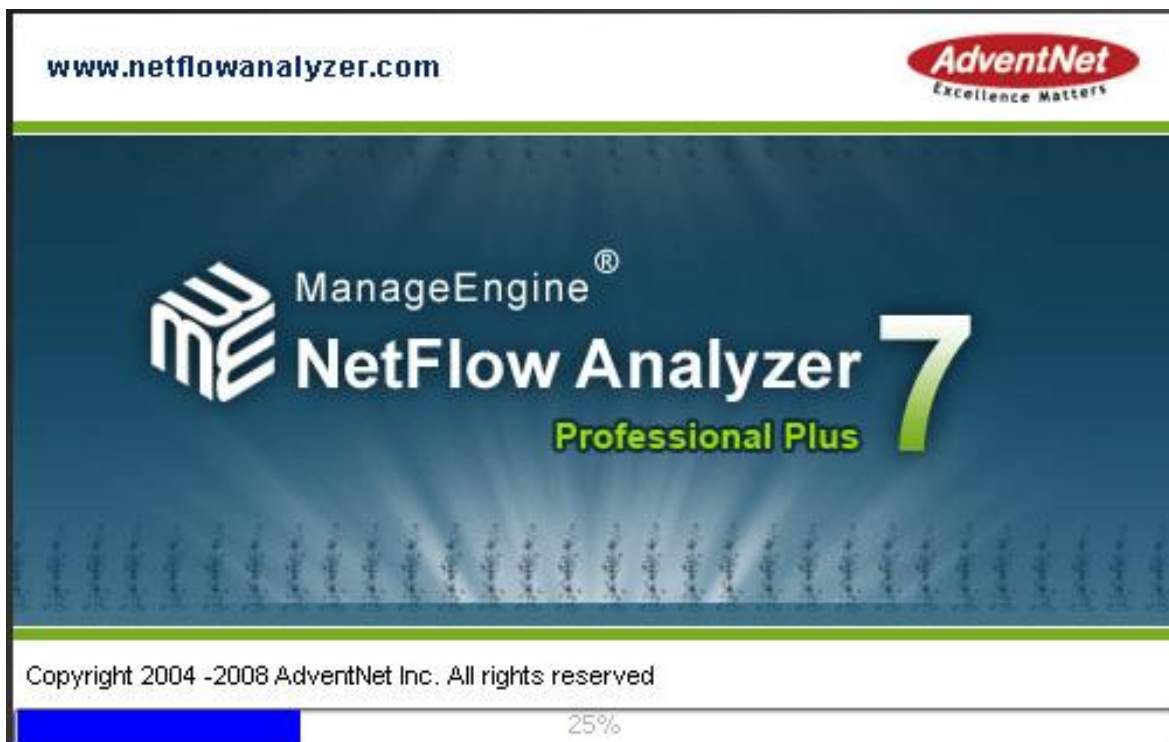
Step 12:- During the installation, Jar files unpacking will take place. This may take some time depending on your server configuration.



Step 13:- After the Jar file unpacking is complete, the installation will be complete. You would be now given option to view the **README** file and to start the NetFlow service. Select your preferred option and click **FINISH**.



This will start **NetFlow Analyzer** service.

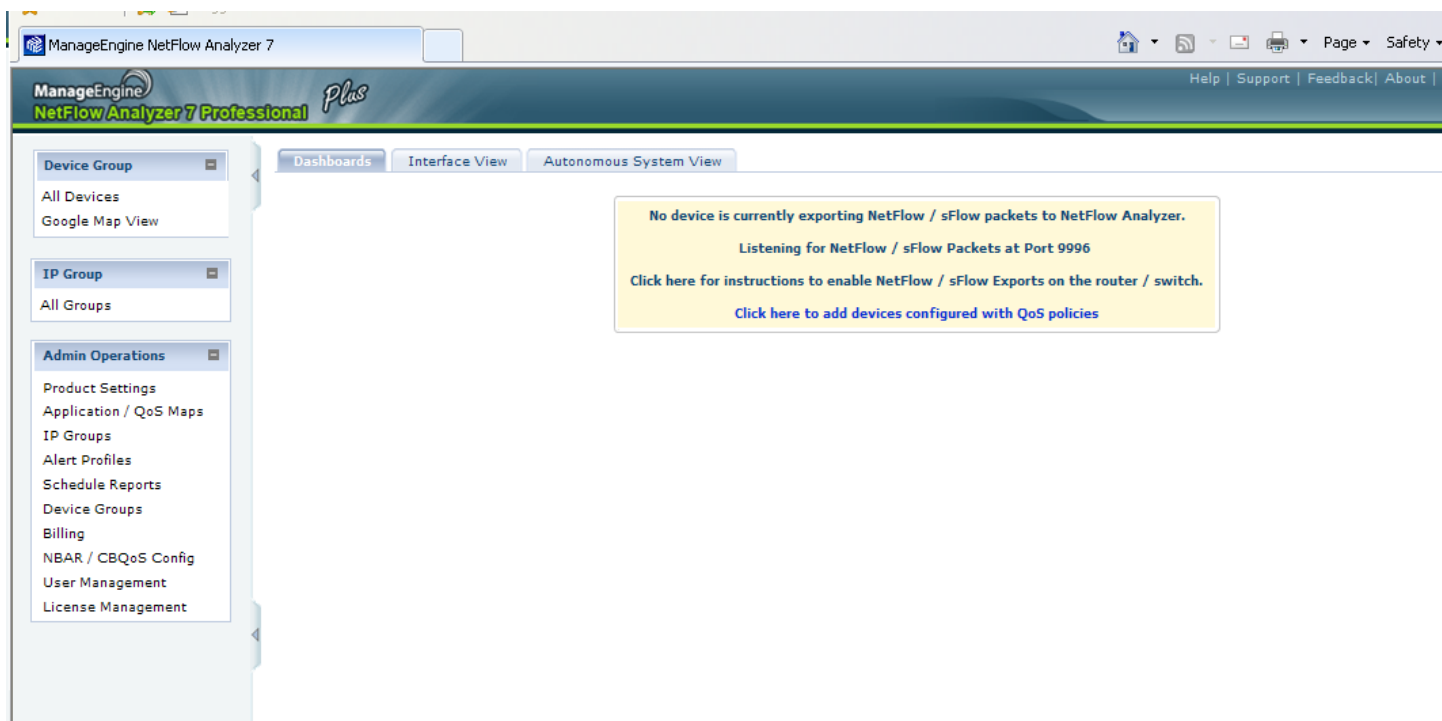


Once the progress reached 100% and is complete, connect to the user interface by typing the http://server_name:webport on the address bar of a browser. You would be presented with a login screen. The default username and password will be 'admin'.



The image shows a 'Sign In' dialog box with a dark blue background and a lighter blue border. The title 'Sign In' is in a yellow font at the top left. Below the title are two input fields: 'User Name' with the text 'admin' and 'Password' with six dots. To the right of the password field is a checkbox labeled 'Keep me signed in'. At the bottom right is a yellow button with the text 'Login'.

After login, you will see the following message, if no flows are received.



The following is a set of commands issued on a Cisco router to enable NetFlow version 5 on the FastEthernet 0/1 interface and export to the machine 192.168.9.101 (IP Address of NetFlow Analyzer server) on port 9996 (UDP port to export NetFlow packets).

```
router#enable
```

```
Password:*****
```

```
router#configure terminal
```

```
router-2621(config)#interface FastEthernet 0/1
```

```
router-2621(config-if)#ip route-cache flow * // (This command has to be executed on all the L3/VLAN interfaces)
```

```
router-2621(config-if)#exit
```

```
router-2621(config)#ip flow-export destination 192.168.9.101 9996
```

```
router-2621(config)#ip flow-export source FastEthernet 0/1
```

```
router-2621(config)#ip flow-export version 5
```

```
router-2621(config)#ip flow-cache timeout active 1
```

```
router-2621(config)#ip flow-cache timeout inactive 15
```

```
router-2621(config)#snmp-server ifindex persist
```

```
router-2621(config)#^Z
```

```
router#write
```

***repeat these commands on each of the interfaces of your router to enable NetFlow on them.**

If you have a different router other than Cisco, please visit the following link to know how to configure the flow export:-

<http://www.manageengine.com/products/netflow/help/cisco-netflow/configure-flow-export.html>

After configuring NetFlow on the routers, please ensure that no Access Lists or Firewalls block the NetFlow packets (UDP 9996) and that even the software firewalls on the server are allowing the packets to reach the NetFlow Analyzer installation server.

Once NetFlow has been configured on the interfaces and the router has been configured to export the packets, NetFlow Analyzer server. We will be able to see the following UI.

The screenshot displays the ManageEngine NetFlow Analyzer 7 Professional web interface. The main content area shows the 'Interface View' for the 'ATT Backbone' router. The interface is configured with IP 10.1.1.1 and has received 48,780 flows. The traffic analysis table shows the following data:

Interface Name	IN Traffic	OUT Traffic	Alerts
FastEthernet 0/0	21% (32.1 Kbps)	0%	0.00
FastEthernet 0/10	3% (31.09 Kbps)	0%	0.00
Serial 0/1	100% (30.48 Kbps)	0%	0.00
Serial 0/11	2% (33.42 Kbps)	0%	0.00

Below the interface view, there is an 'IP Group List - [Details for Last Hour]' section with a 'Consolidated Report' table:

IP Group Name	View Description	IN Traffic	OUT Traffic	Alerts	Quick View
Admin Department	View Description	1% (128.19 Kbps)	1% (128.19 Kbps)	-	[Icon]
Datacenter Admin	View Description	1% (115.5 Kbps)	1% (115.5 Kbps)	-	[Icon]
Finance Traffic	View Description	1% (83.05 Kbps)	1% (83.05 Kbps)	-	[Icon]
Texas Branch	View Description	0%	0%	-	[Icon]

The interface also includes a left-hand navigation menu with sections like 'Device Group', 'IP Group', 'Generated Alerts', and 'Admin Operations'. The top navigation bar shows 'ManageEngine NetFlow Analyzer 7 Professional' and '30 Days free Trial'.

Please free to reach the product technical team at netflowanalyzer-support@manageengine.com for further queries or issues.