

HOW TO INSTALL OCS INVENTORY NEXT GENERATION 1.3.2 (2010/05/13) FOR WINDOWS

You will need to download the following 3 items.

Download OCS Inventory NG Management server for Windows

[OCSNG WINDOWS SERVER-1.3.2.zip](#)

Download OCS Inventory NG agent for Windows

[OCSNG WINDOWS AGENT 4061.1.zip](#)

Download OCS Inventory NG Agent Deployment Tool

[OCSNG_AGENT_DEPLOYEMENT_TOOL_1.02.zip](#)

NB: This tool allows you to remotely install Windows Service Agent on a group of computers, using standard Windows administrative tasks, and to remotely install Unix Unified Agent on a group of computers using SSH.

Under Windows Operating System

We have chosen to package OCS inventory NG server for Windows as an integrated package containing all required components. As is, the 3 main components of Management server (database server, web communication server and web administration server) are installed on the same computer.

OCS Inventory NG server 1.3.2 for Windows is based on ApacheFriends XAMPP version 1.7.3 ([ApacheFriends](#)) which sets the following components up on a single computer:

- Apache 2.2.3
- MySQL 5.0.27
- PHP 5.2.0 + PHP 4.4.4 + PEAR
- PHP-Switch win32 1.0
- XAMPP Control Version 2.3 from www.nat32.com
- XAMPP Security 1.0
- SQLite 2.8.15
- OpenSSL 0.9.8d
- phpMyAdmin 2.9.1.1
- ADOdb 4.93
- Mercury Mail Transport System for Win32 and NetWare Systems v4.01b
- FileZilla FTP Server 0.9.20
- Webalizer 2.01-10

- Zend Optimizer 3.0.2
- eAccelerator 0.9.5 RC1 for PHP 5.1.6 (comment out in php.ini)
- Perl 5.8.8
- mod_perl 2.0.2

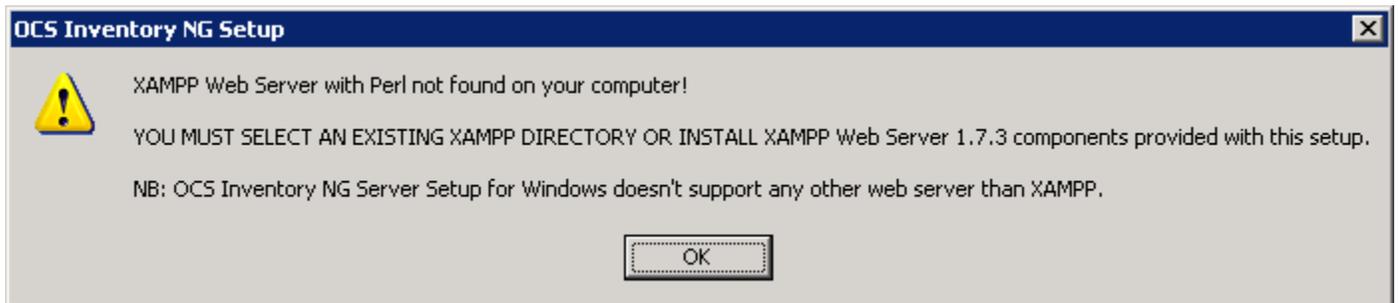
Note: Even if all these components are installed, you will be able to choose the components you want to automatically start.

LET'S BEGIN

Installing the management server

Warning: You must have Administrator privileges to set OCS Inventory NG server up under Windows NT4, Windows 2000, Windows XP or Windows Server 2003.

1. Download “OCSNG_WINDOWS_SERVER_1.3.2.zip”, unpack it and launch “OCSNG-Windows-Server-Setup.exe”.
2. Run the program
3. Choose your language

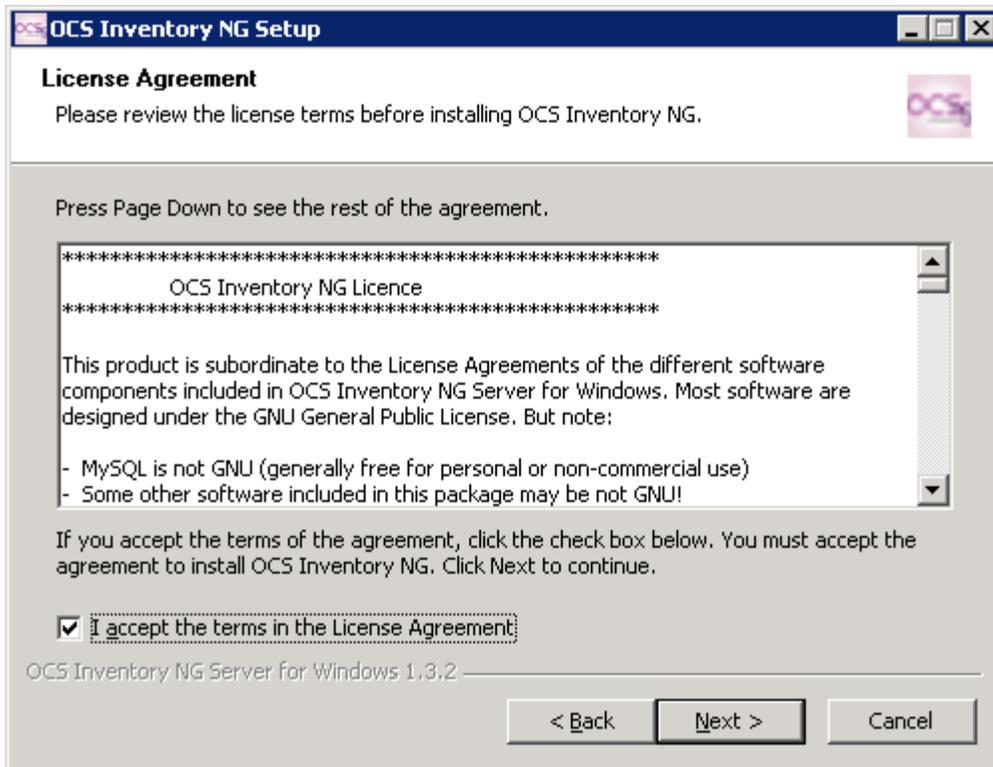


If XAMPP components (server and perl addon) are not already installed, Setup will prompt you that you have to set them up. Otherwise, Setup will automatically install OCS Inventory Server into XAMPP directories.

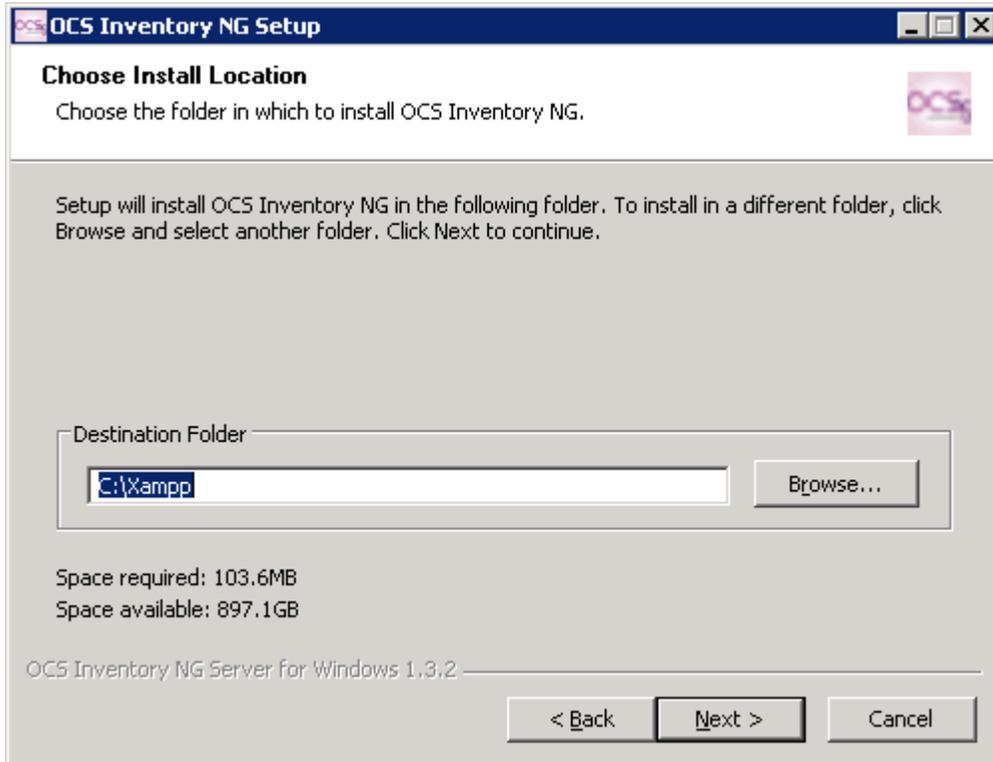
4. Click the OK button



5. Click "Next" button to start installation wizard.

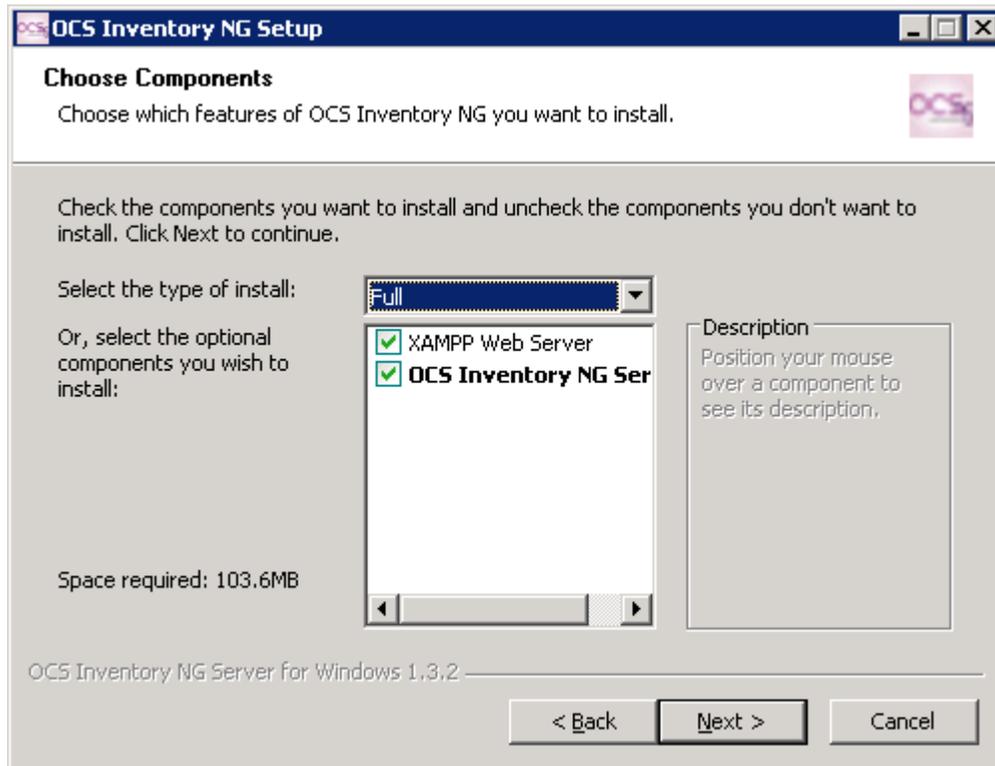


6. Check the "I accept the terms in the License agreement and Click "Next" button

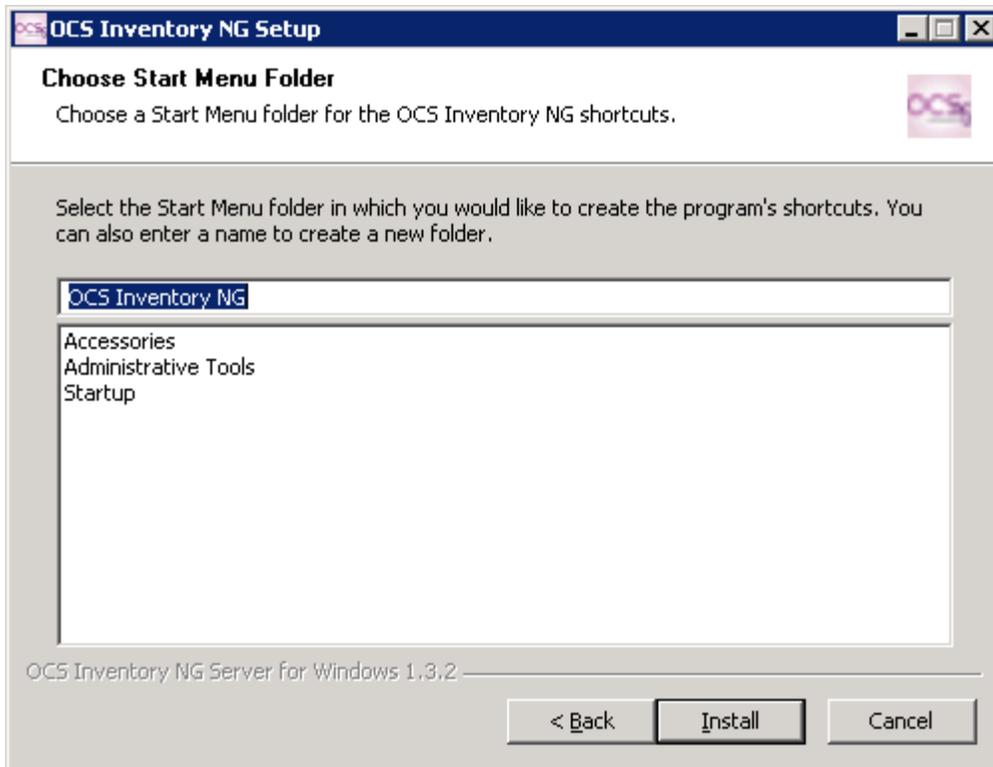


7. Choose installation directory, by default "C:\xampp" is.

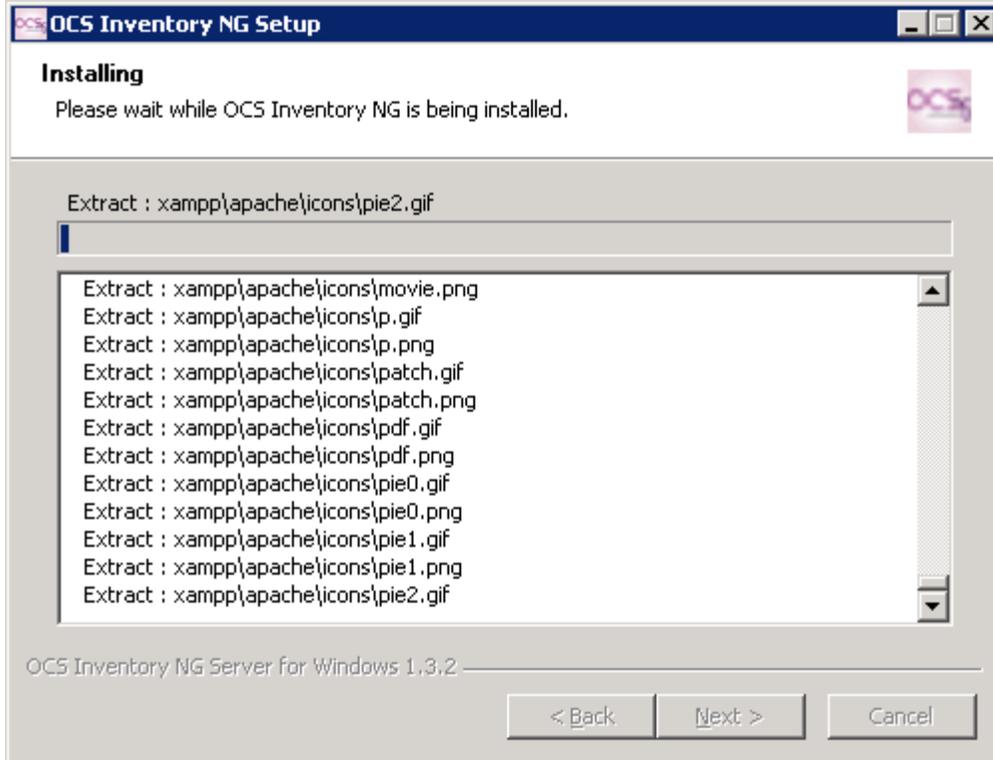
NOTE: You need approximately 400 MB of free hard disk space if XAMPP components are not installed; otherwise, only 10MB are required.



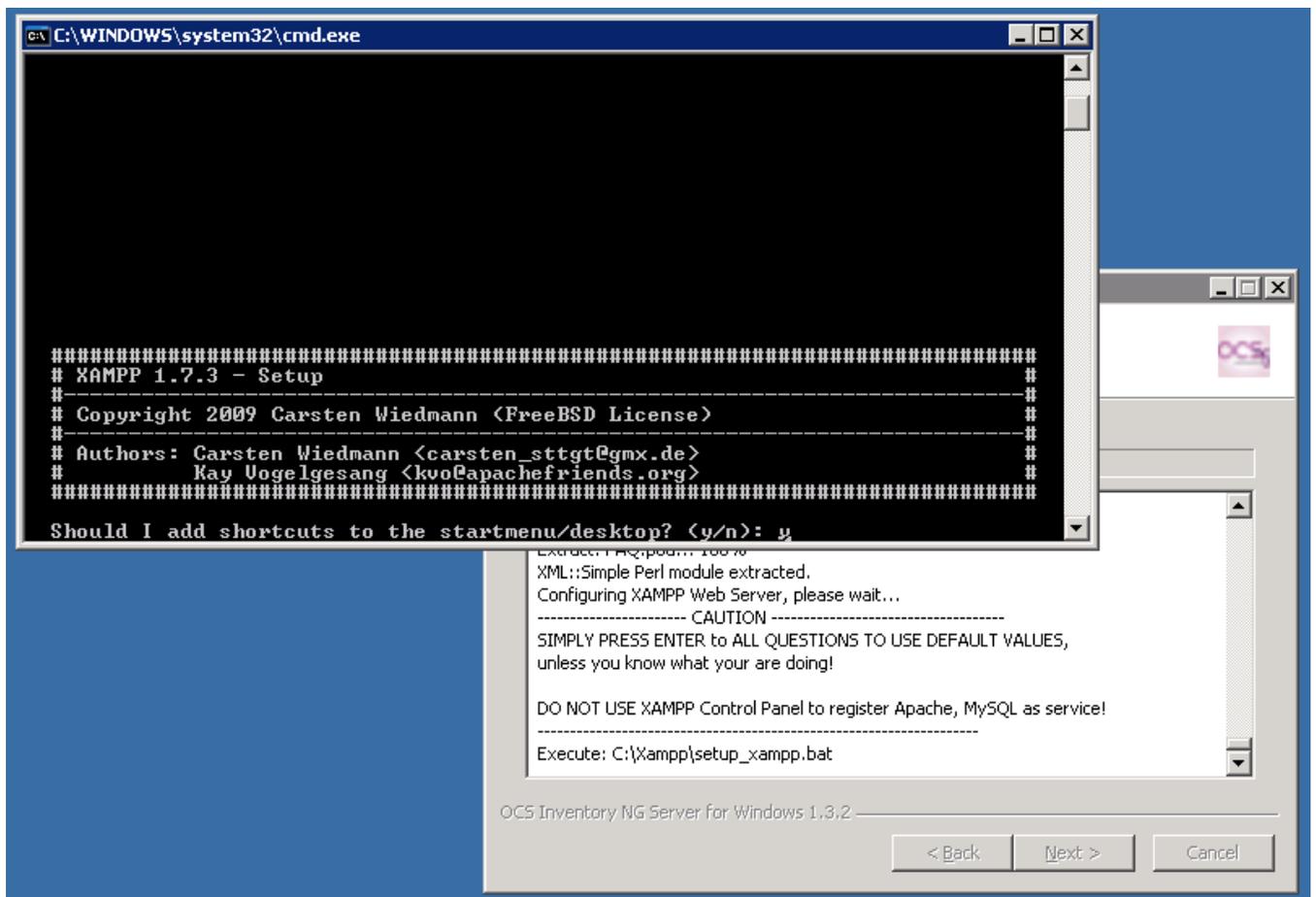
8. Make sure the both items are checked and FULL install is selected as well and click next



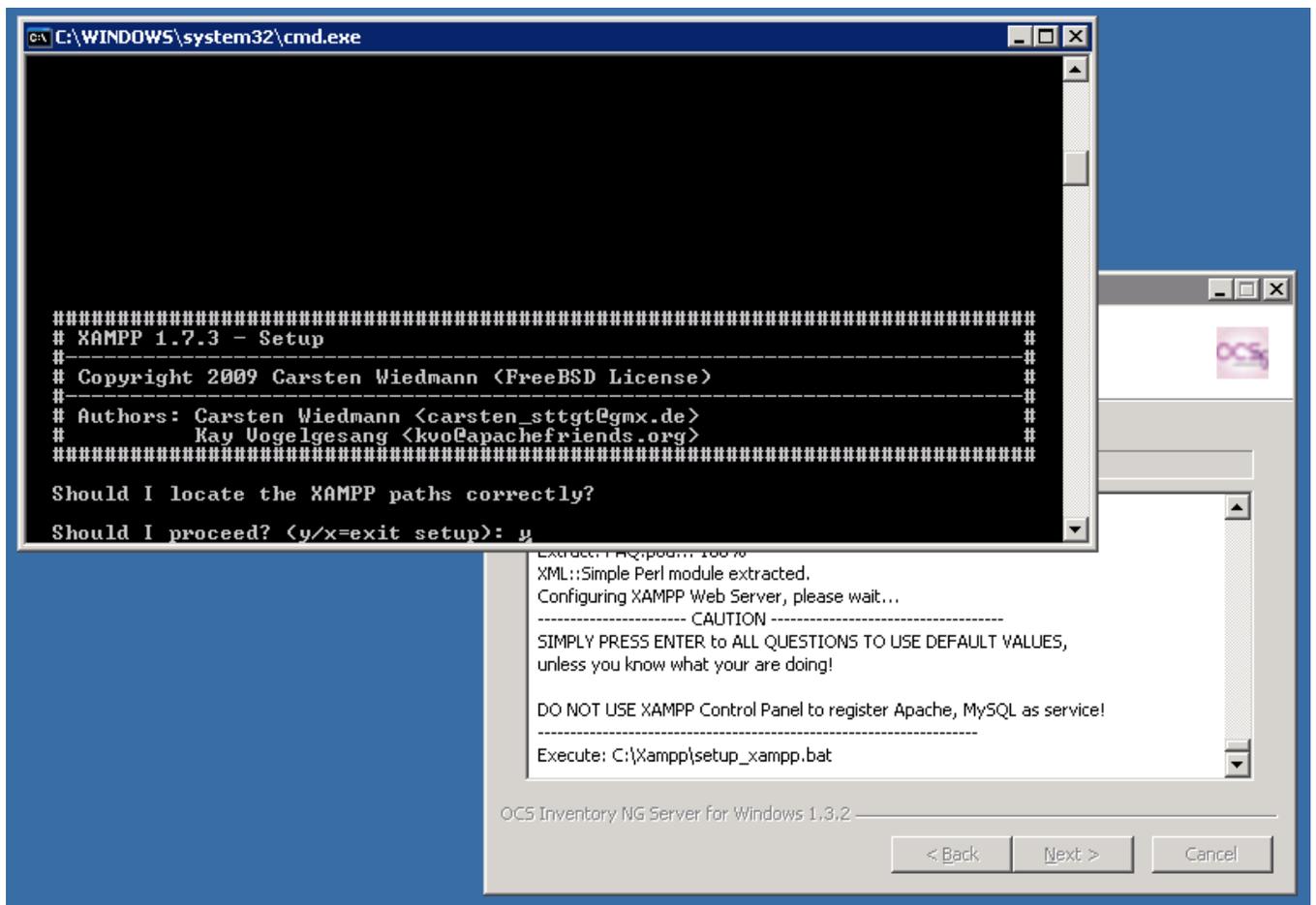
9. Start menu and icons will be installed under the default name "OCS Inventory NG", click the Install button



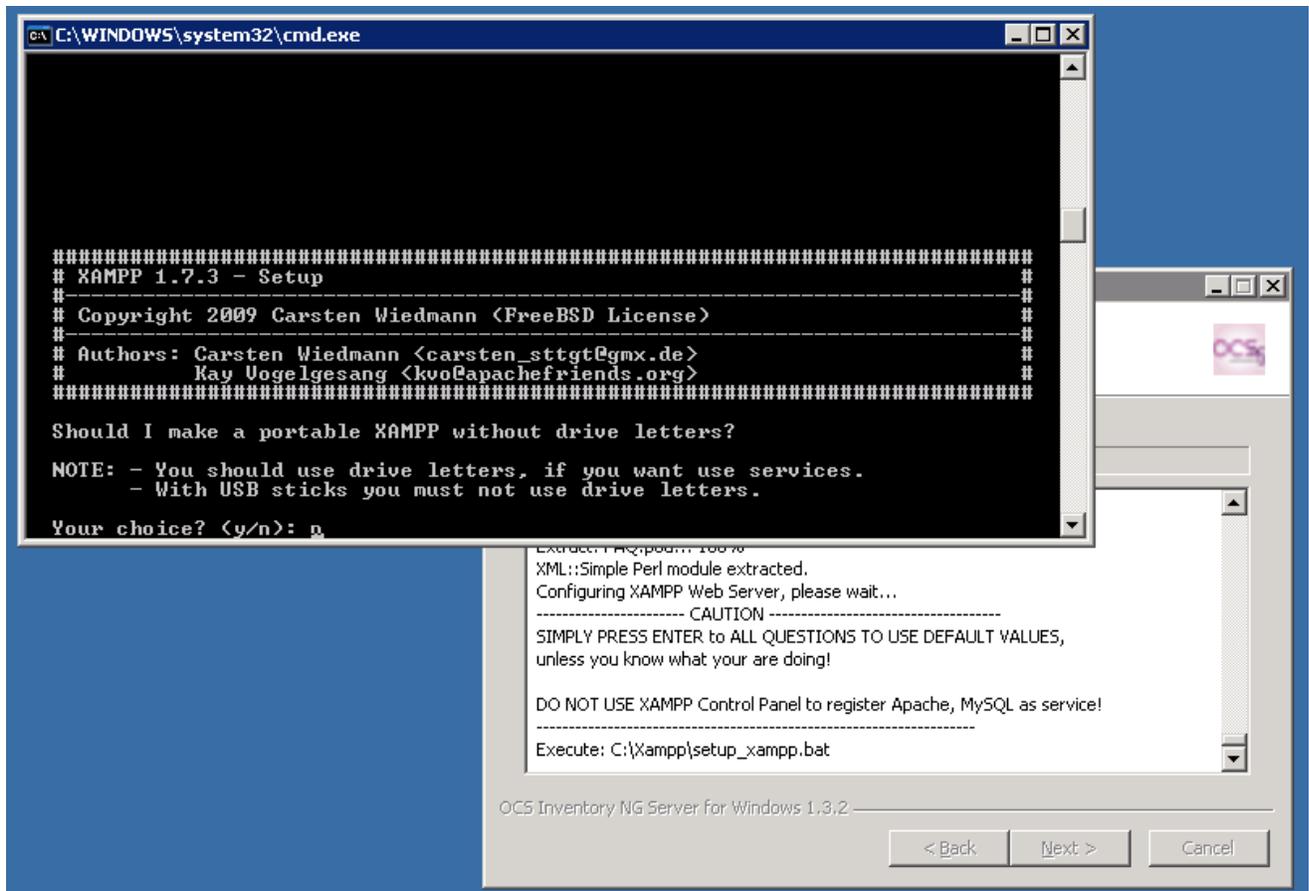
10. The program is now installing.



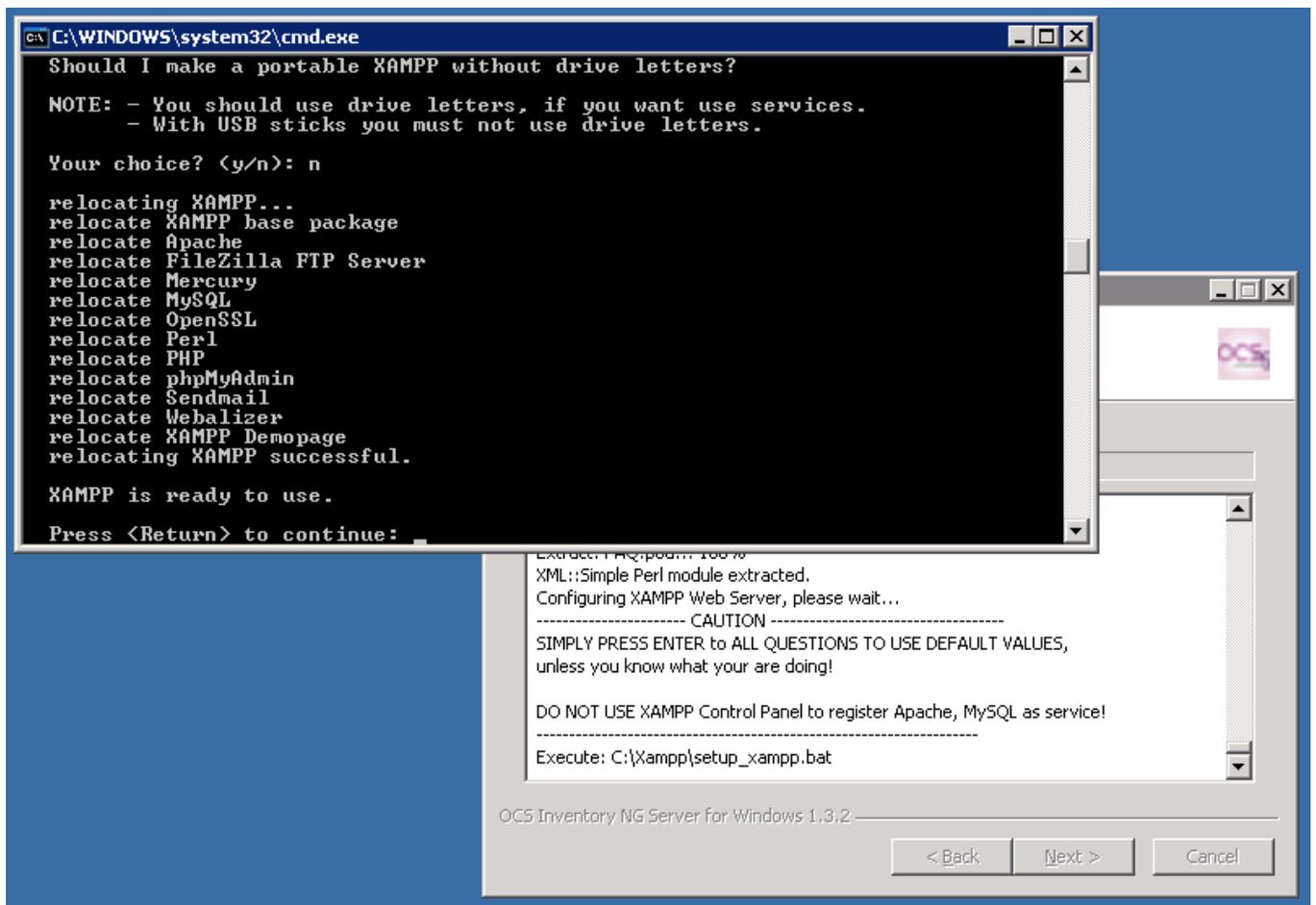
11. Press the Y button for yes and press the Enter button to install shortcuts



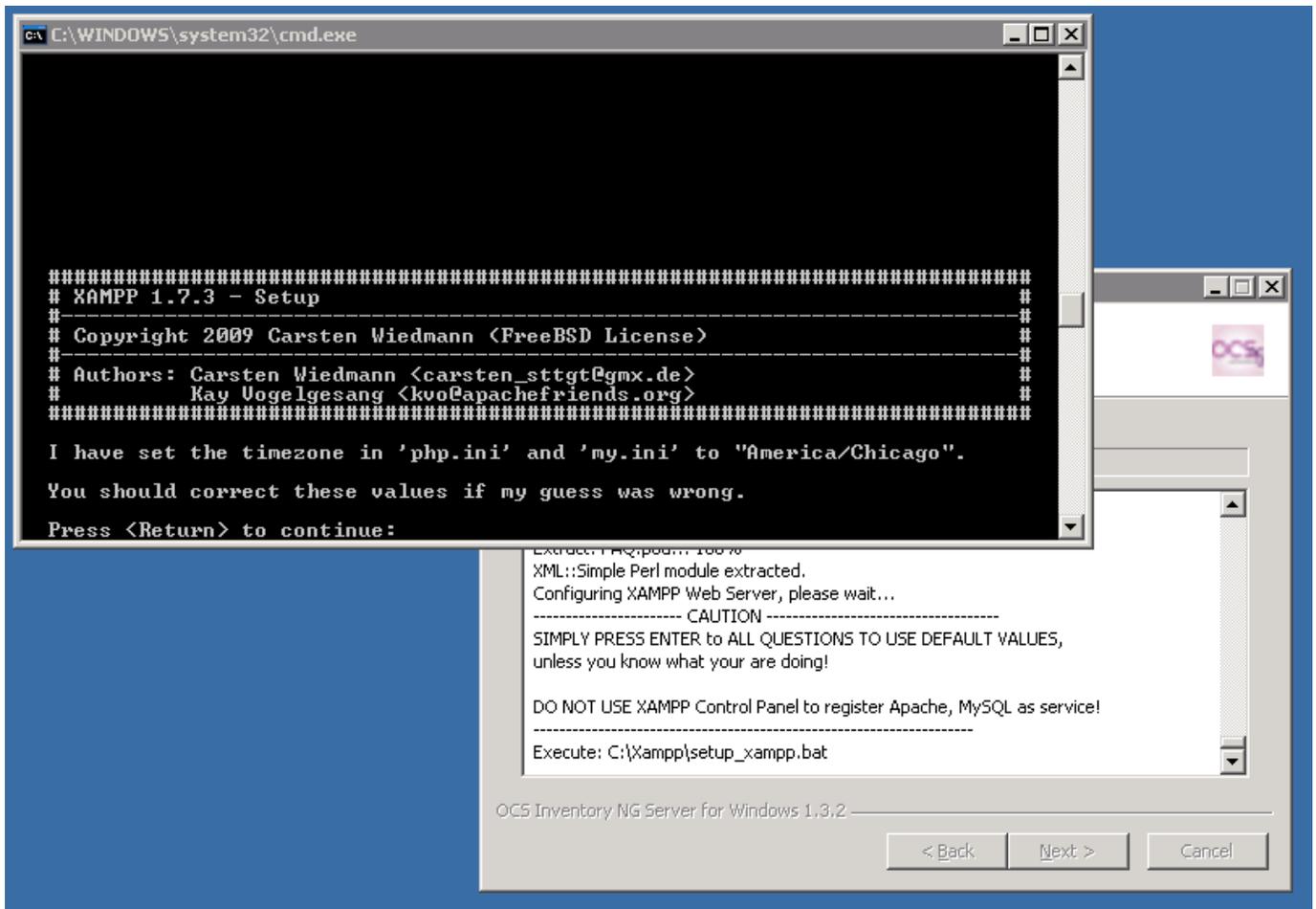
12. Make sure that y for yes is default and press the Enter button



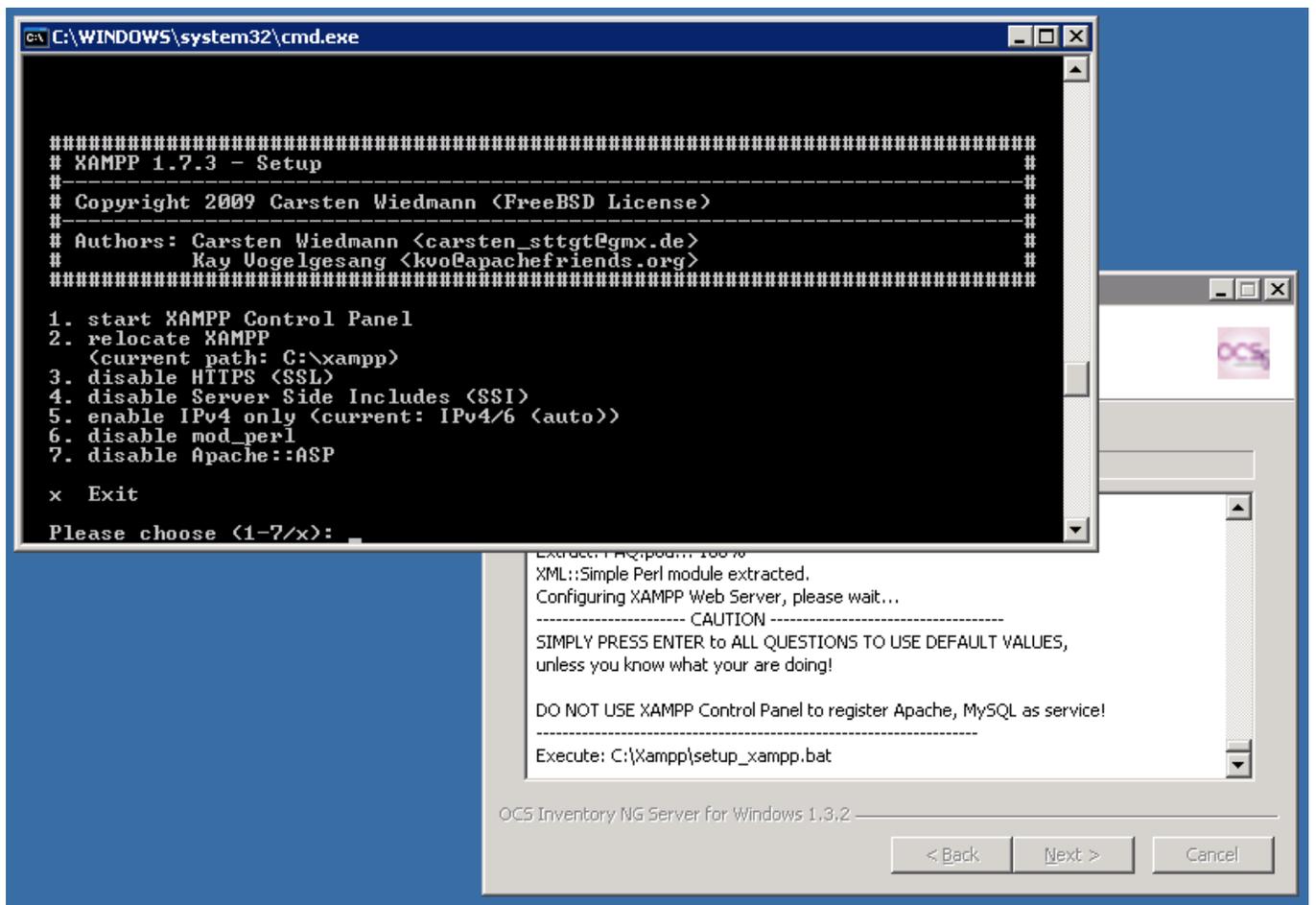
13. The default is n for no, do not change this, leave it n for no. We want to use drive letters so NO is what we want so XAMPP will use drive letters. Simply press the Enter button



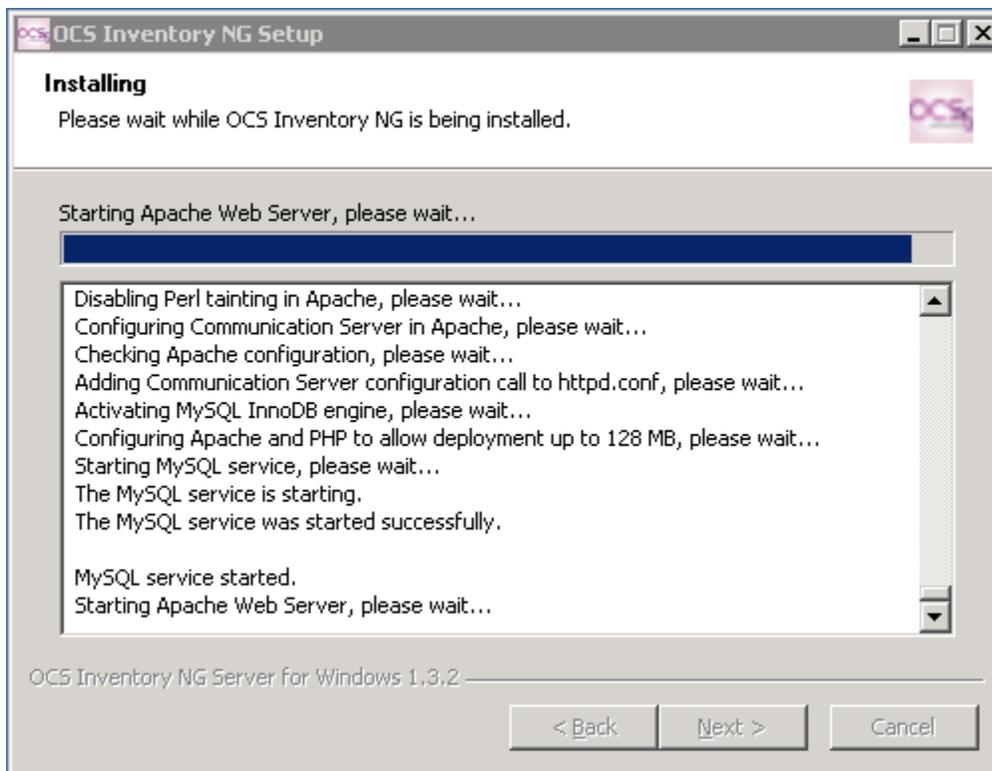
14. XAMPP is installed successfully; press the Enter button to continue.



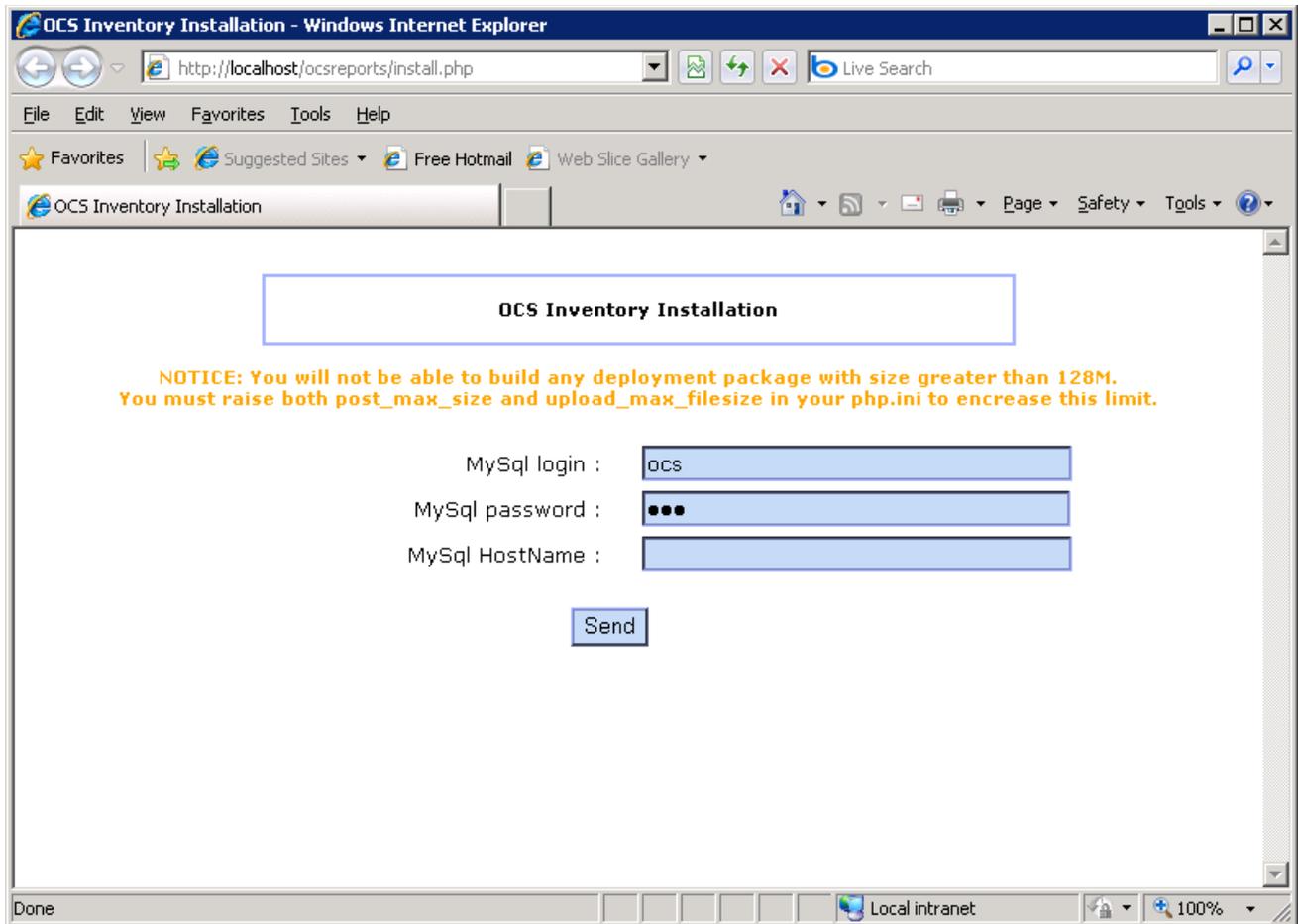
15. This screen is simply letting you know the current time zone setting and if it is wrong you may change it within the "php.ini" and "my.ini" files. Click the Enter button.



16. The XAMPP setup screen is now displayed, simply type X, for Exit and press the Enter button as we are finished with this part.



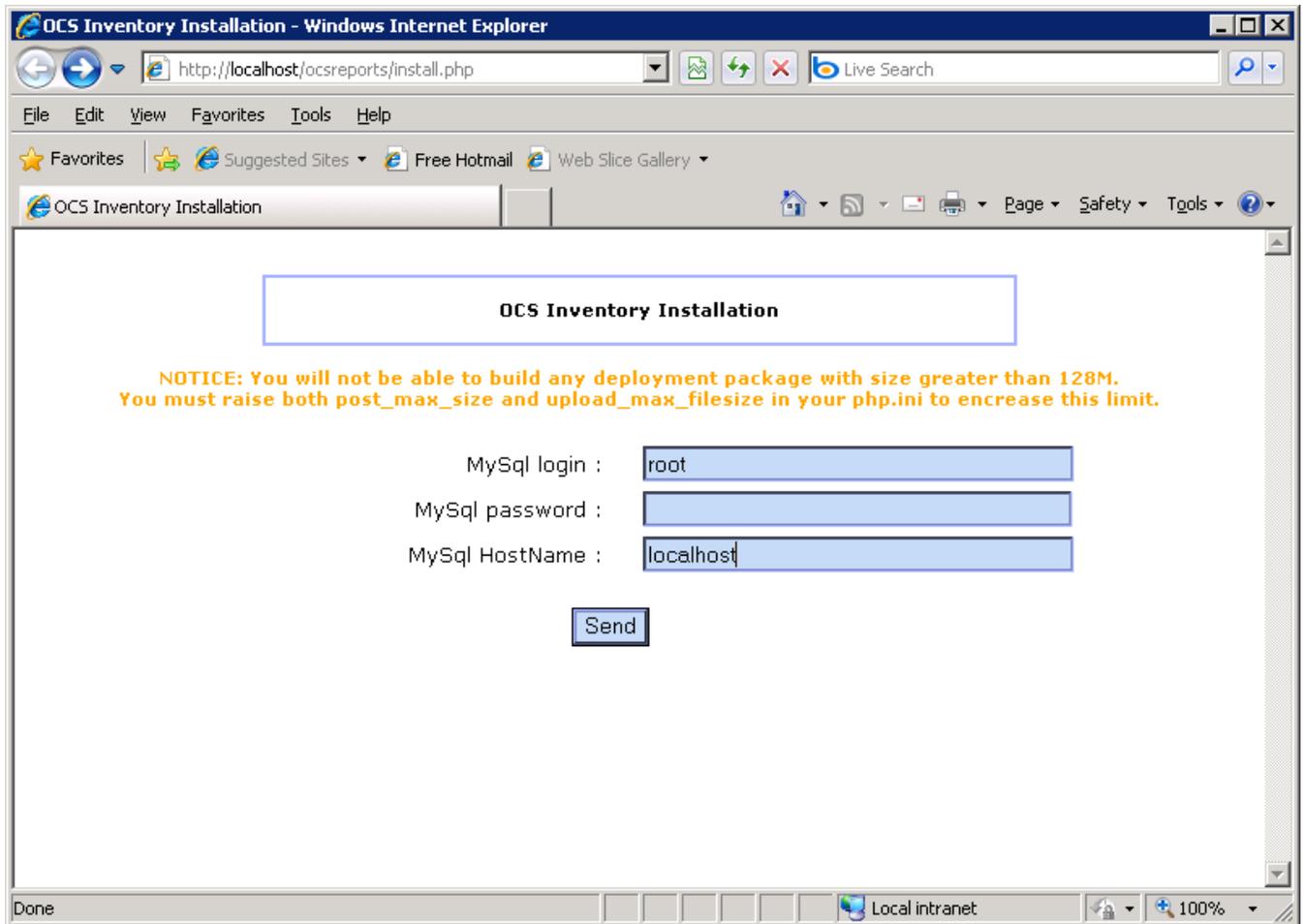
17. The setup continues on its own now



18. The OCS Inventory Installation webpage is displayed in your default browser.

You will be prompted for information to connect to MySQL database server with a user who has the ability to create database, tables, indexes, etc:

- MySQL user name, "root" by default
- MySQL user password (empty password by default)
- MySQL hostname, "localhost"



19. Fill in the information and click the Send button



20. The above is a successful creation of the database, since this is a first time install; it took only moments to install. As you can see, there is no data in the database as it is a clean install.

Additional Notes below:

Setup will create “ocsweb” database, and a MySQL user “ocs” with password “ocs”. It will also grant to user “ocs” privileges “*Select / Insert / Update / Delete / Create / Drop / References / Index / Alter / Create temp / Lock*” on database “ocsweb”. This user will be used by Administration server and Communication server to connect to the database. If you do not wish to use default MySQL user “ocs” with “ocs” password, you must update in the file “dbconfig.inc.php” PHP constants “COMPTE_BASE”, which is MySQL user login, and/or “PSWD_BASE”, which MySQL user password. Don’t forget to also update Communication server configuration, especially in apache configuration file.

The "Submit Query" button is for a TAG creation.

Finally, you may fill in a text describing the TAG, a string displayed at first launch of the agent to ask user to enter the TAG Value. It's a generic data which allows you to sort the new computers (geographical site, first floor, john room....). If you don't want this functionality, just let it blank.



21. The above screenshot may be behind the database browser, it is asking if you would like to review the XAMPP security page, click the Finish button.



22. The above screenshot is the XAMPP configuration page; click your language to begin.

XAMPP for Windows

XAMPP SECURITY [Security Check 1.1]

This page gives you a quick overview of the security status of your XAMPP installation. (Please continue reading after the table.)

Subject	Status
These XAMPP pages are accessible through the network by anyone Every XAMPP demo page you are looking at right now is accessible by everyone over the network. Everyone who knows your IP address can see these pages.	UNSECURE
The MySQL admin user root has NO password Every local user on this Windows machine can access your MySQL database with administrator rights. You should set a password.	UNSECURE
PhpMyAdmin is freely accessible by network PhpMyAdmin is accessible by network without a password. The configuration 'httpd' or 'cookie' in the "config.inc.php" can help.	UNSECURE
A FTP server is not running or is blocked by a firewall!	UNKNOWN
A POP3 server like Mercury Mail is not running or is blocked by a firewall!	UNKNOWN
The Tomcat add-on is not installed.	UNKNOWN

The green marked points are secure; the red marked points are definitively insecure and the yellow marked points couldn't be checked (for example because the software to check isn't running).

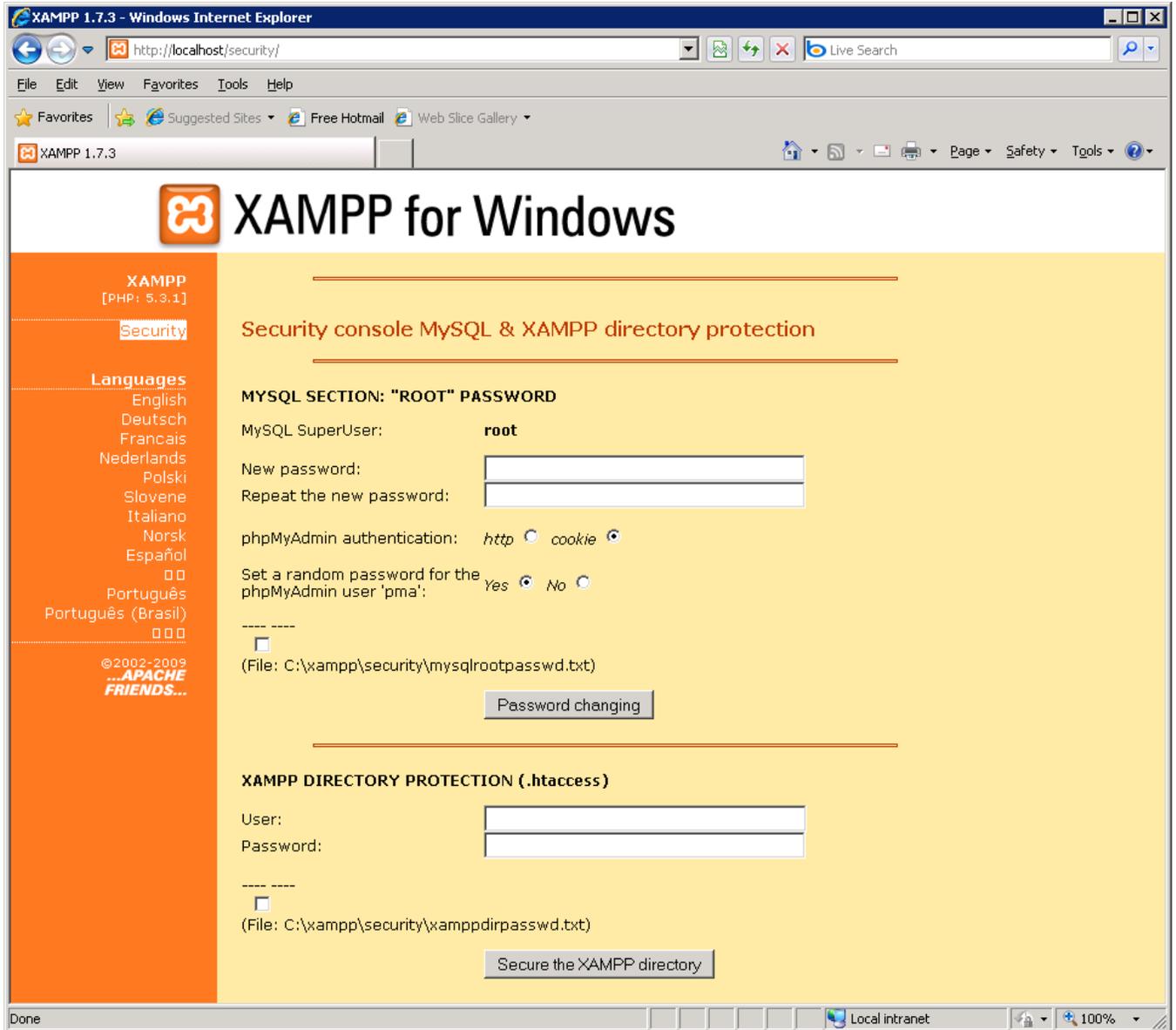
To fix the problems for mysql, phpmyadmin and the xampp directory simply use
=> <http://localhost/security/xamppsecurity.php> <=

Some other important notes:

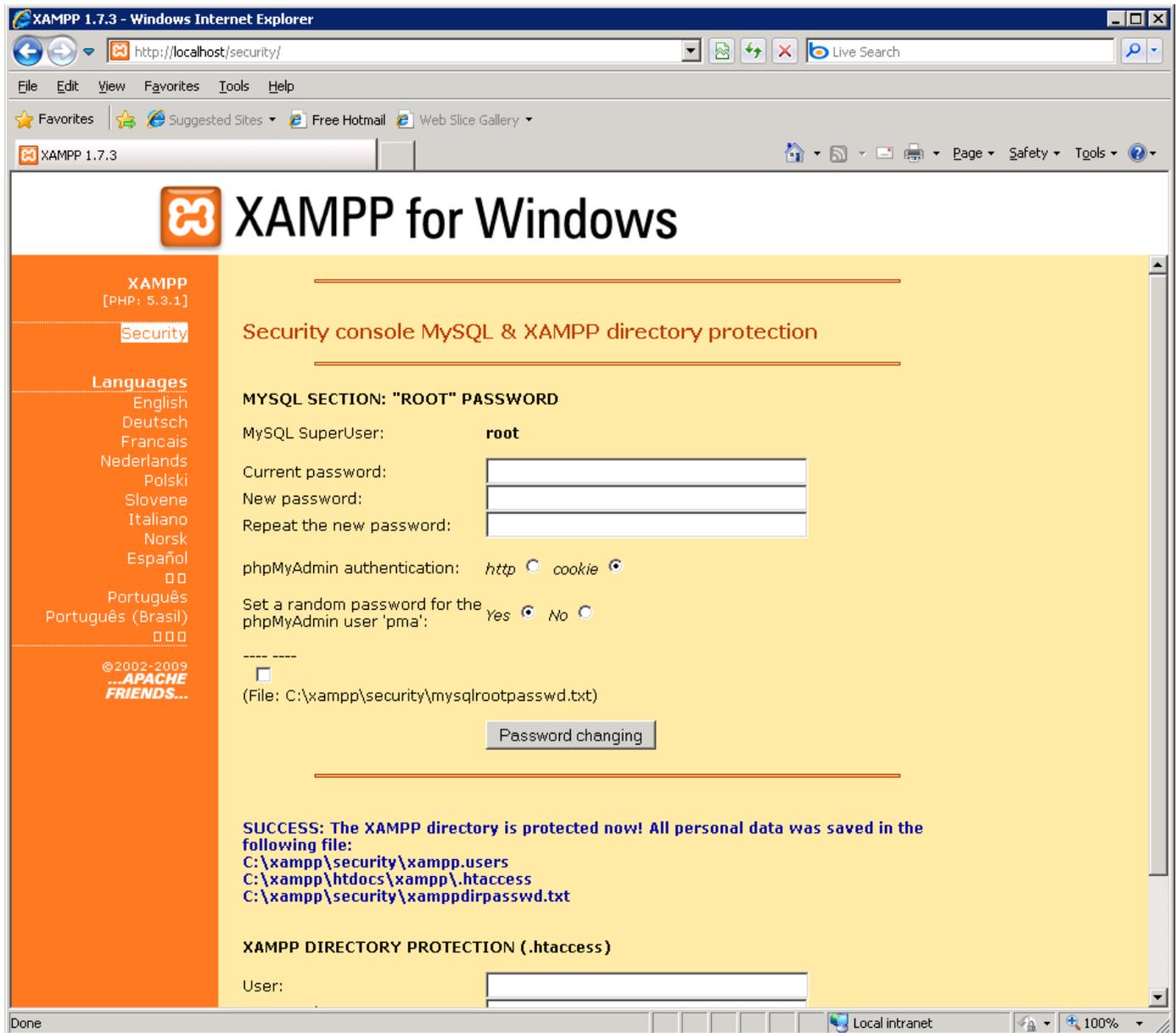
- All these test are made available ONLY to the host "localhost" (127.0.0.1).
- For FileZilla FTP und Mercury Mail, you must fix all security problems by yourself! Sorry.**
- If your computer is blocked by a firewall or not online, your servers are SECURE against outside attacks.
- If servers are not running, they are also SECURE!

Please consider this: With more XAMPP security, some examples will NOT execute error free. If you use

23. To fix the security settings, click the link provided "<http://localhost/security/xamppsecurity.php>", this is the same link that is in the page above.



24. The above is the security page; you can make new passwords here.



25. I changed both passwords and you should get the above message

NOTE: If you need to review the passwords you set or you forgot, look in the directories it points out, which are:

MySQL: File: C:\xampp\security\mysqlrootpasswd.txt)

XAMPP File Locations:

C:\xampp\security\xampp.users

C:\xampp\htdocs\xampp\htaccess

C:\xampp\security\xamppdirpasswd.txt

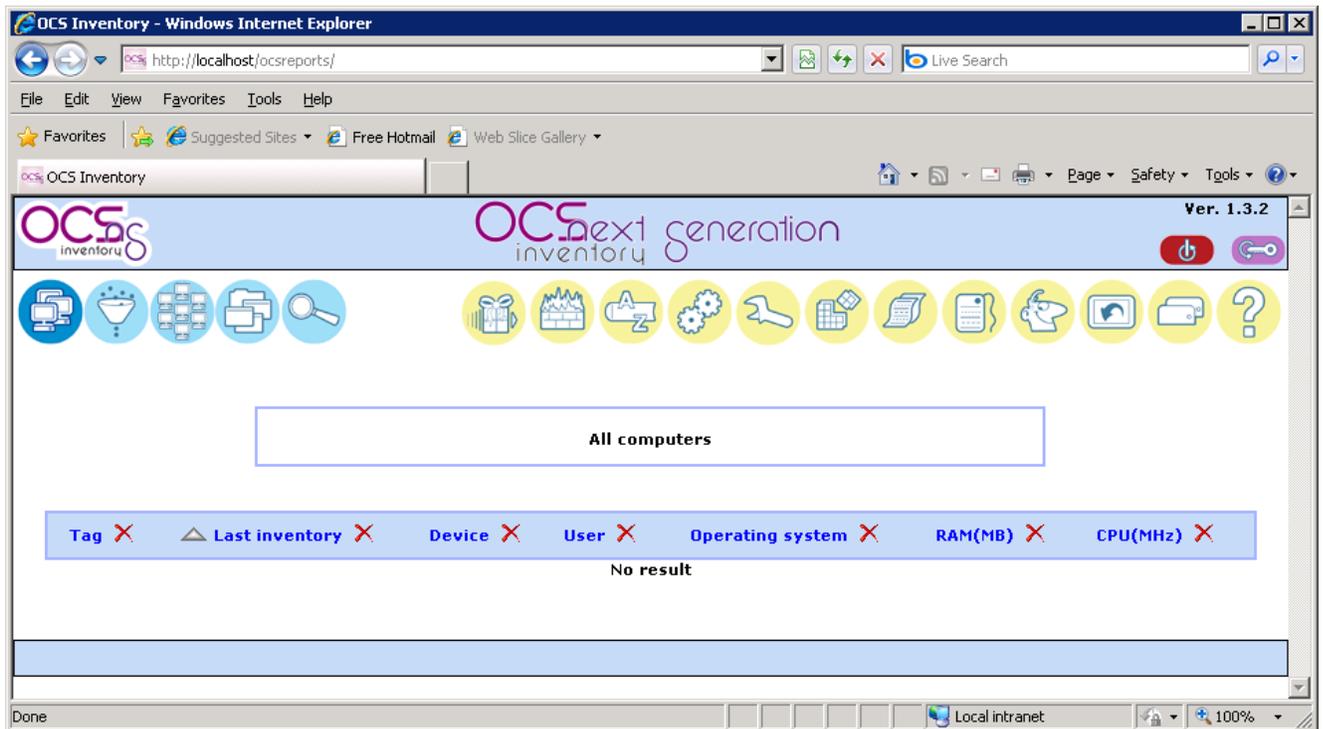
26. You may now close the XAMPP page, we are finished with this.

NOW WE ARE READY TO LOOK AT THE OCS REPORTS INVENTORY PROGRAM

1. Open your favorite web browser on the server and point it on URL “http://localhost/ocsreports” to connect the Administration server.

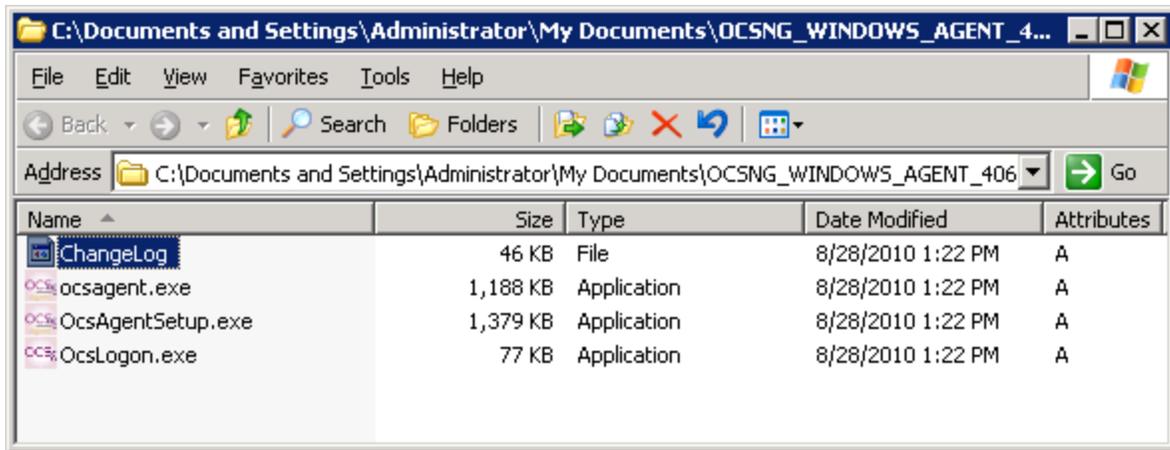


2. Default Administrator login is “admin” as user and “admin” as password.



NOTE: The Inventory is EMPTY, this is normal on first time installation.

3. Unzip the "OCSNG_WINDOWS_AGENT_4061.1.zip" file and put the files wherever you want. We will need them later.



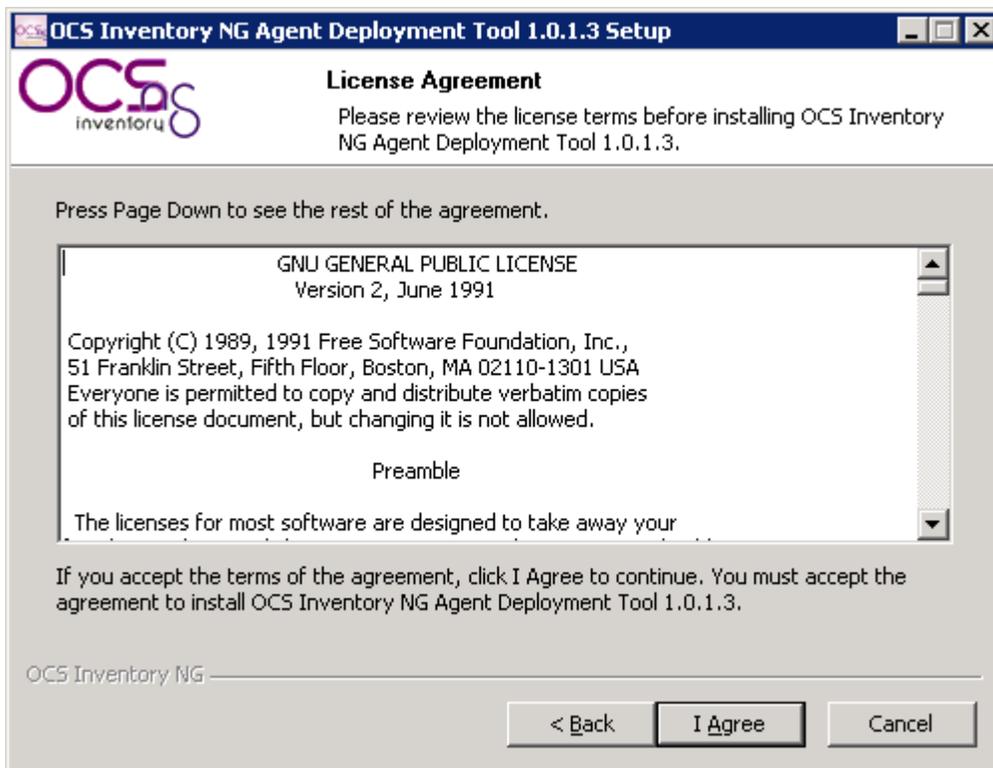
4. After you unzip the Windows Agent, you will have 4 files. Look at the screenshot above.

INSTALL THE OCSNG_AGENT_DEPLOYMENT_TOOL_1.02.zip

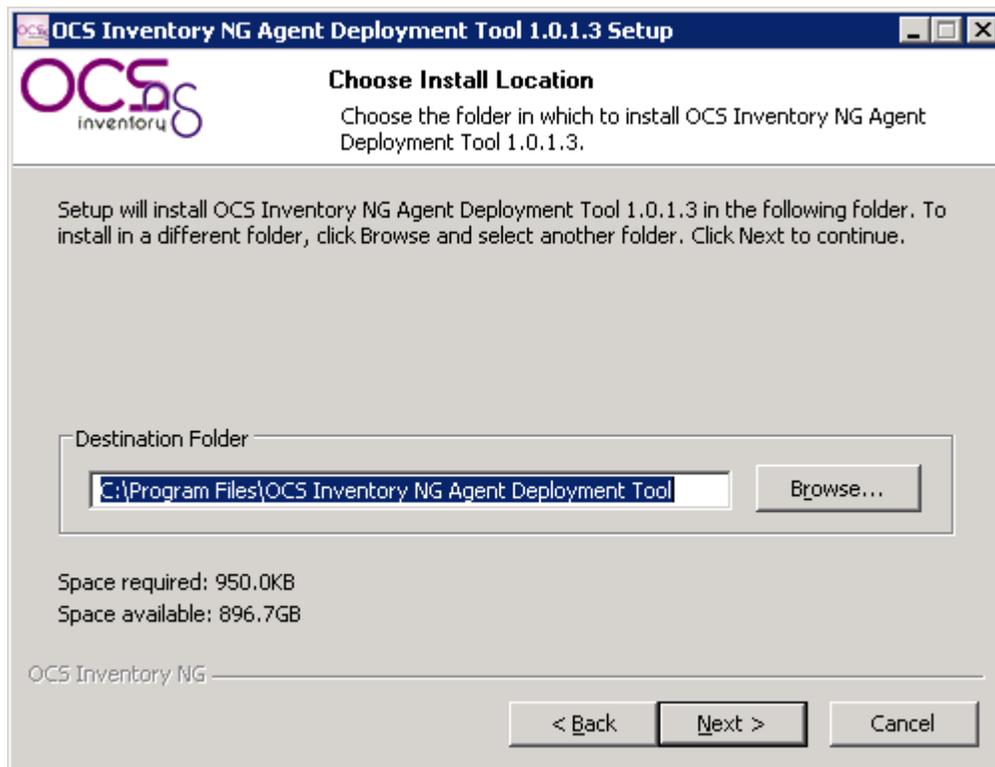
1. Unzip "OCSNG_AGENT_DEPLOYMENT_TOOL_1.02.zip"
2. This is the Deployment tool we will use to deploy the agents to install onto the computers on the network, this is a silent install, and no interaction from the user is required. The install is performed by the agent tool.
3. Click on the "OCSNG_Agent_Deployment_Tool_Setup.exe" file.



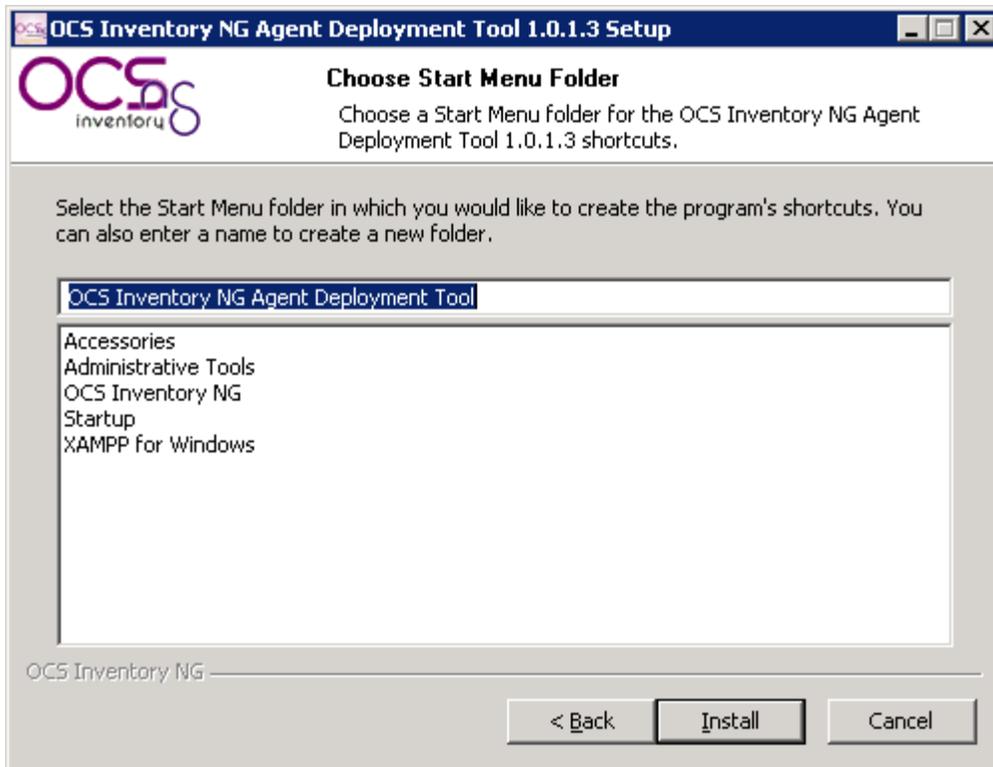
4. The Agent Deployment Tool Setup Wizard, click the Next button



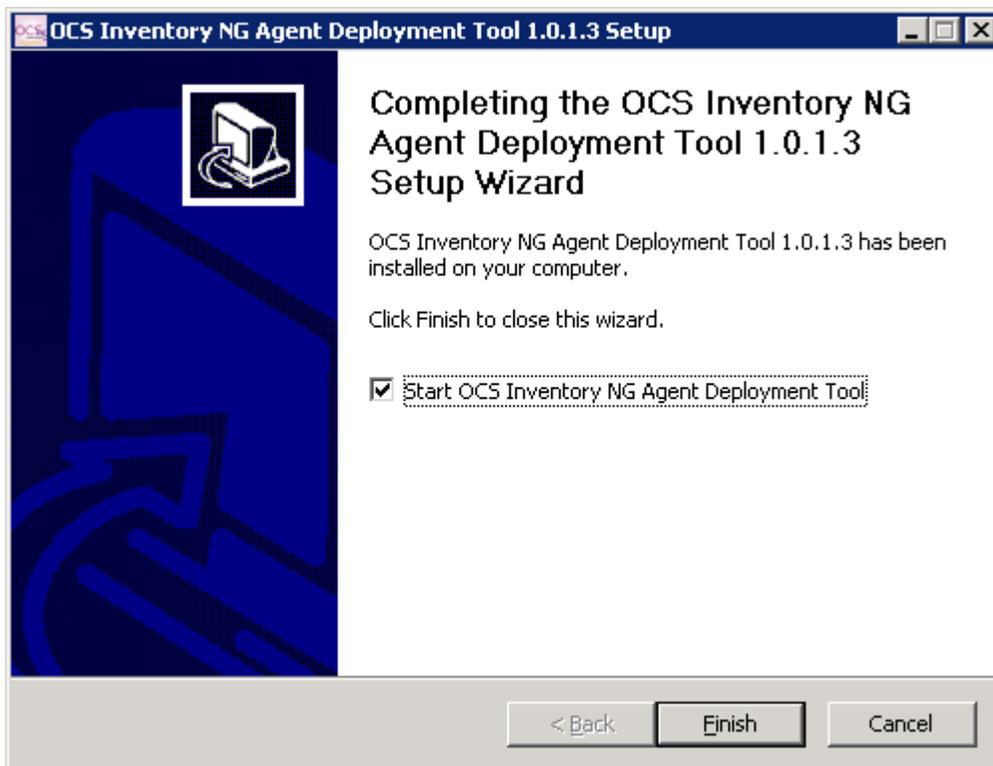
5. Click the "I Agree" button to accept the agreement



6. Click the Next button to continue



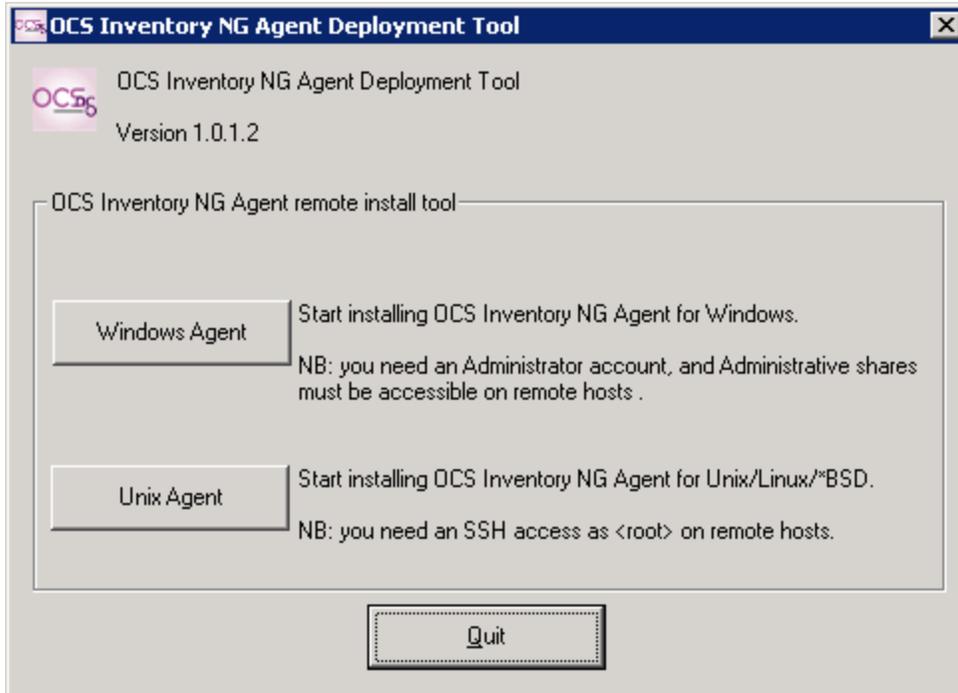
7. Click the Install button to begin the installation.



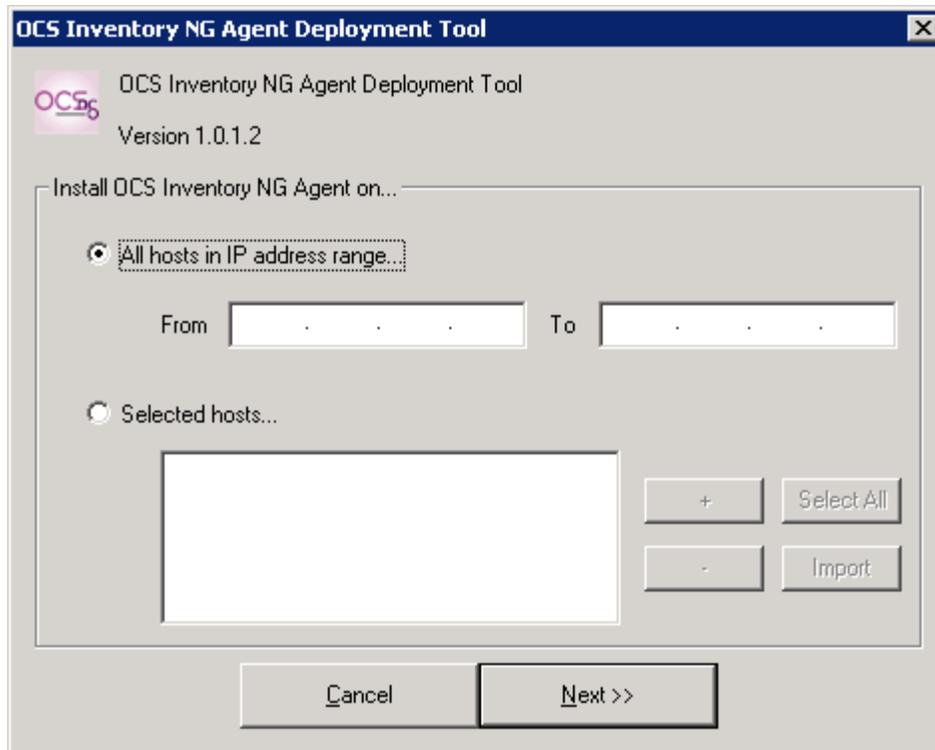
8. Installation is complete, click the Finish button to open the Agent Deployment Tool

USING THE AGENT DEPLOYMENT TOOL

1. Open the OCS Inventory NG Agent Deployment Tool using the icon if one was created or go to it from the program files from the Windows Start button.
2. Click the Windows Agent button

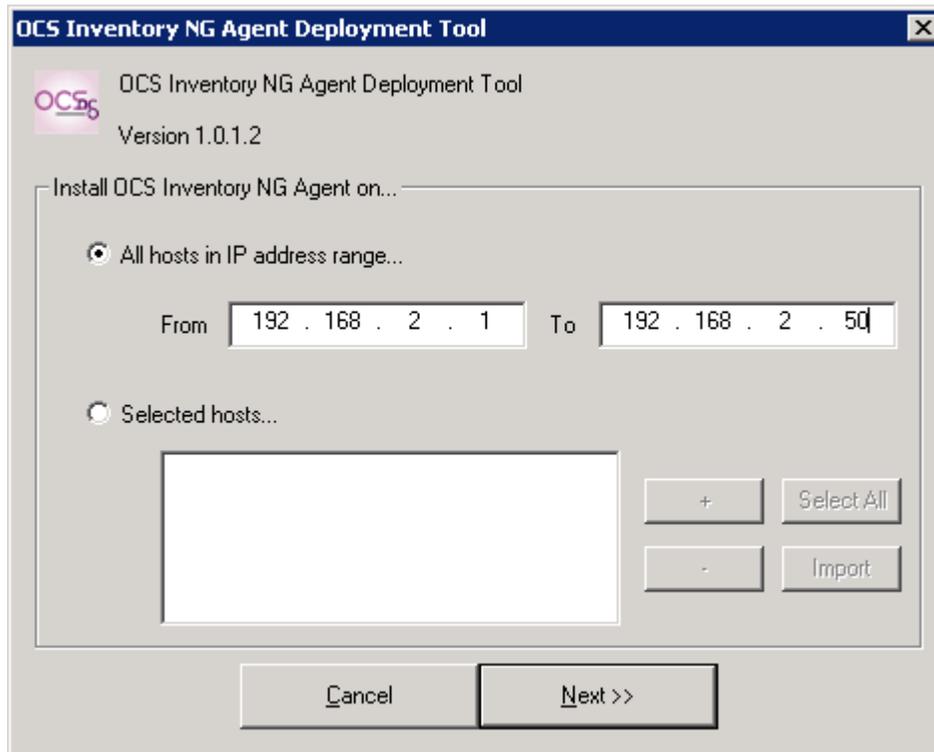


3. You presented with an empty IP range, fill in the IP range of computers that you would like the Agent install on.



4. Below I have filled in the IP range of the computers on the network I would like to have the Agent installed onto. I am starting with 50 computers.

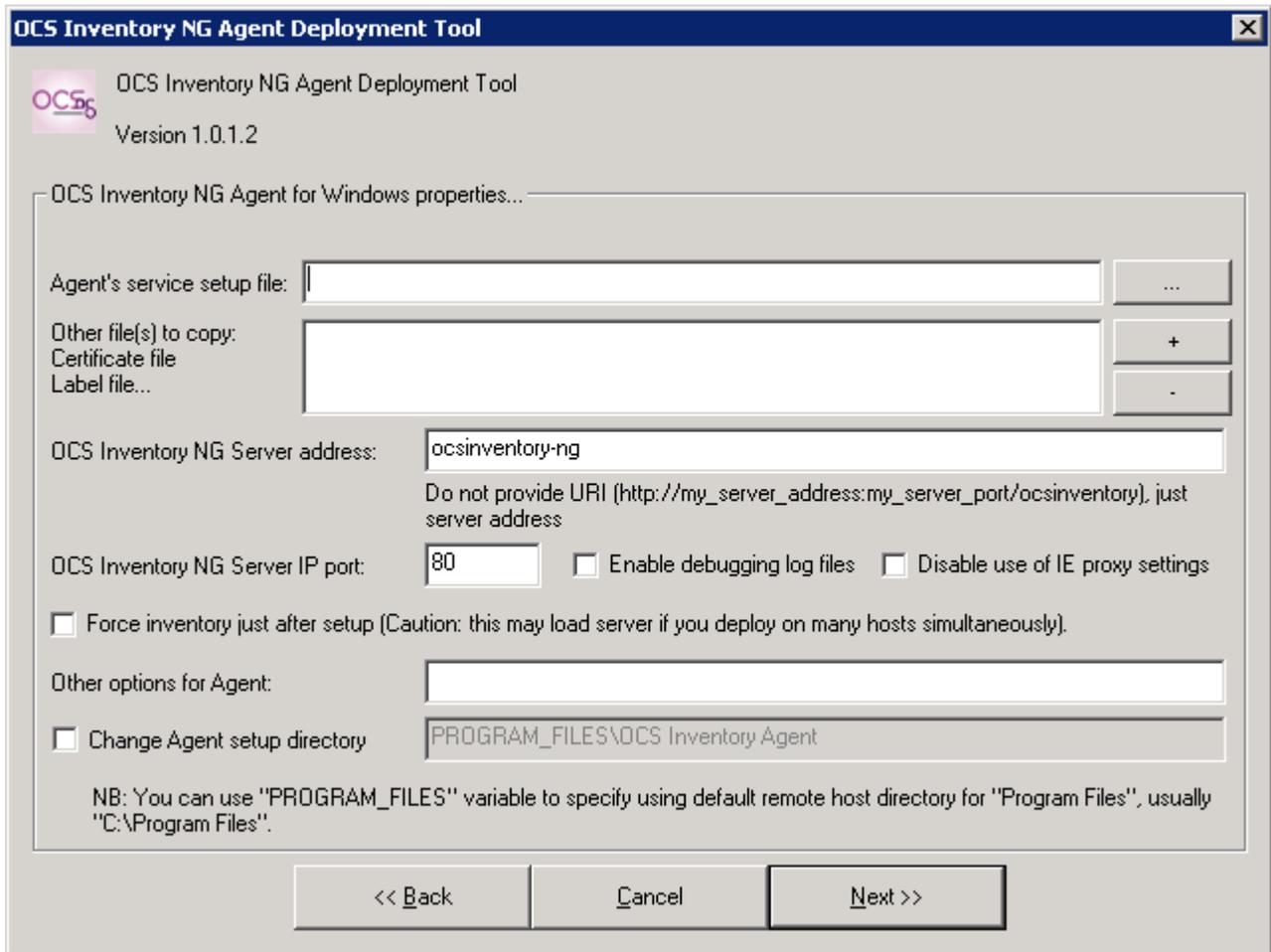
5. Click the Next button



6. Now we need to point the Deployment tool to the Agent tool and server address.

7. Click the "..." button in the "Agent's service setup file", this is the browser button to find the Agent setup

file.



OCS Inventory NG Agent Deployment Tool

OCS Inventory NG Agent Deployment Tool
Version 1.0.1.2

OCS Inventory NG Agent for Windows properties...

Agent's service setup file: ...

Other file(s) to copy:
Certificate file
Label file... +
-

OCS Inventory NG Server address:
Do not provide URI (http://my_server_address:my_server_port/ocsinventory), just server address

OCS Inventory NG Server IP port: Enable debugging log files Disable use of IE proxy settings

Force inventory just after setup (Caution: this may load server if you deploy on many hosts simultaneously).

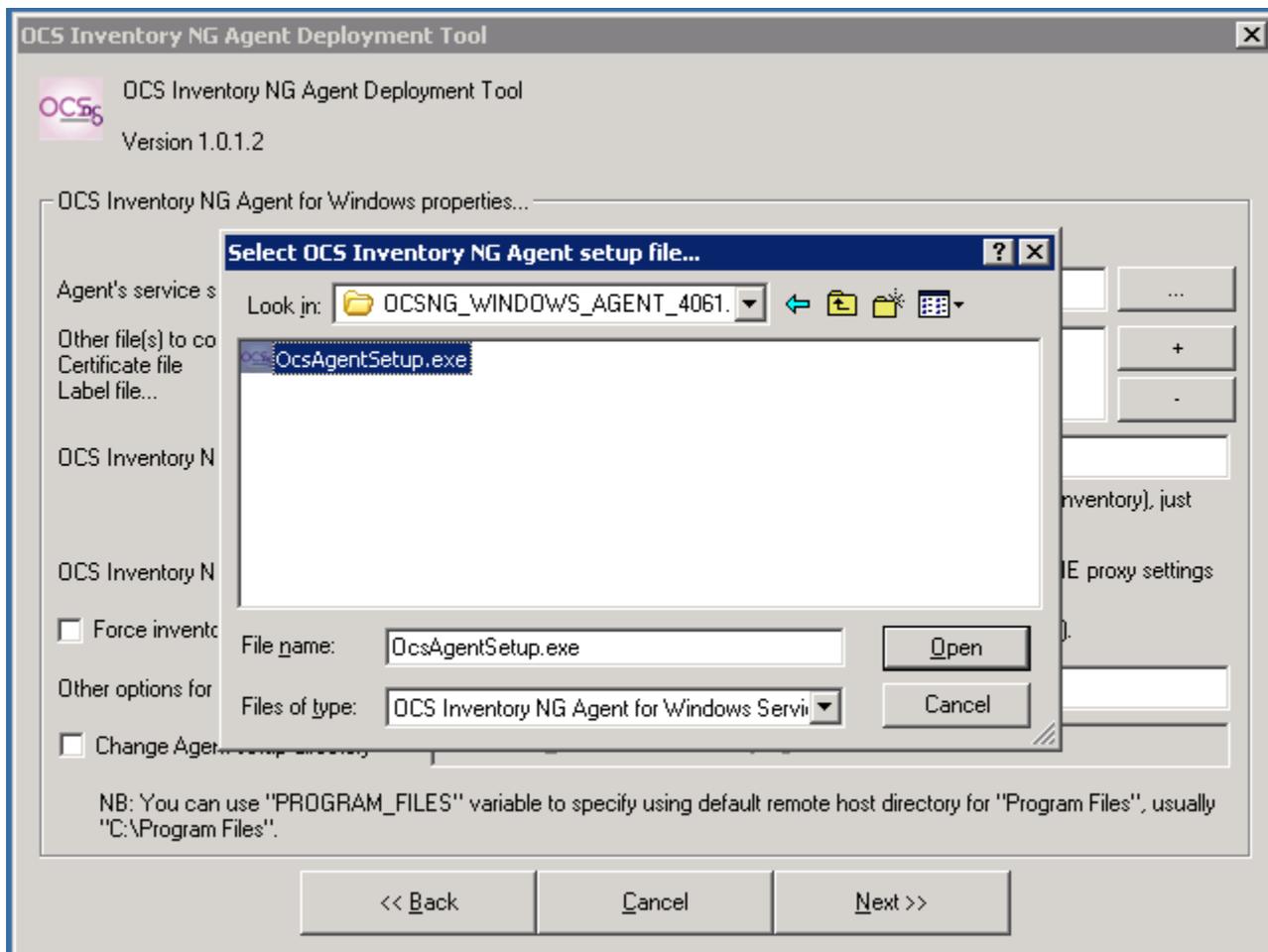
Other options for Agent:

Change Agent setup directory

NB: You can use "PROGRAM_FILES" variable to specify using default remote host directory for "Program Files", usually "C:\Program Files".

<< Back Cancel Next >>

8. You are looking for the "OcsAgentSetup.exe" file, look at the example below. Browse and select this file. Once found, click the Open button.



9. The Agent service files path is selected.
10. Now we must fill in the OCS Inventory NG Server address

OCS Inventory NG Agent Deployment Tool X

 OCS Inventory NG Agent Deployment Tool
Version 1.0.1.2

OCS Inventory NG Agent for Windows properties...

Agent's service setup file:

Other file(s) to copy:
Certificate file
Label file...

OCS Inventory NG Server address:
Do not provide URI (http://my_server_address:my_server_port/ocsinventory), just server address

OCS Inventory NG Server IP port: Enable debugging log files Disable use of IE proxy settings

Force inventory just after setup (Caution: this may load server if you deploy on many hosts simultaneously).

Other options for Agent:

Change Agent setup directory

NB: You can use "PROGRAM_FILES" variable to specify using default remote host directory for "Program Files", usually "C:\Program Files".

11. It is best to put in the OCS Inventory servers IP address; this is where you installed the OCS Inventory program, see screenshot below. In my case the server is 192.168.2.250.

NOTE: You may put a check mark in the "Force inventory just after setup" if you wish. If you DONT check mark it, it can take some time before then server inventory's the PC. It is normal for the server to be empty for a while until the inventory is displayed. Don't panic, it will inventory. You may check the Force option if you like.

12. Click the Next button

OCS Inventory NG Agent Deployment Tool

OCSSg OCS Inventory NG Agent Deployment Tool
Version 1.0.1.2

OCS Inventory NG Agent for Windows properties...

Agent's service setup file: C:\Documents and Settings\Administrator\My Documents\OCSNG_WINDOW\$ _AG ...

Other file(s) to copy:
Certificate file +
Label file... -

OCS Inventory NG Server address: 192.168.2.250
Do not provide URI (http://my_server_address:my_server_port/ocsinventory), just server address

OCS Inventory NG Server IP port: 80 Enable debugging log files Disable use of IE proxy settings

Force inventory just after setup (Caution: this may load server if you deploy on many hosts simultaneously).

Other options for Agent:

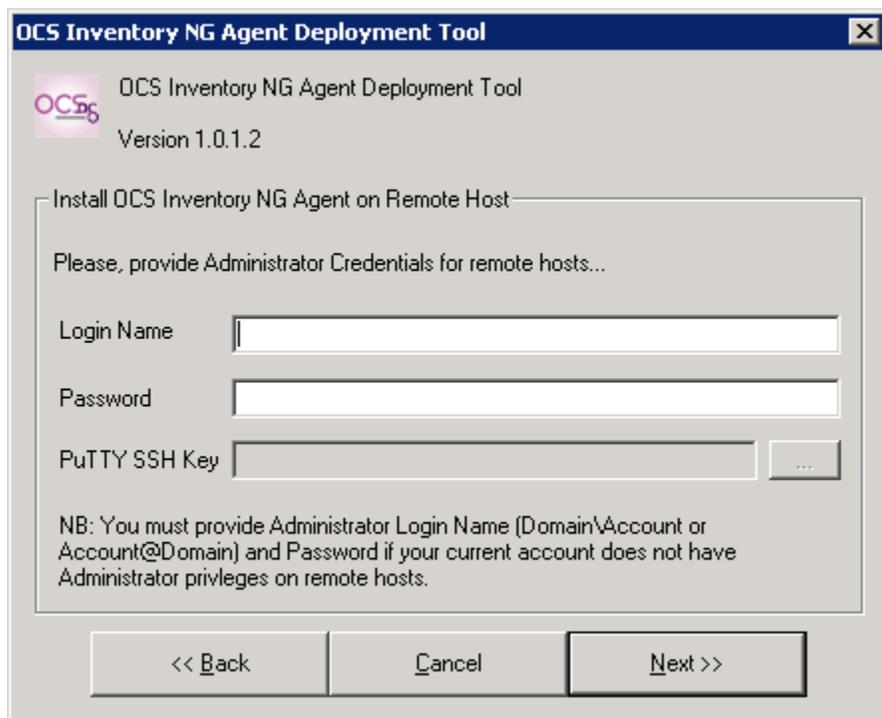
Change Agent setup directory PROGRAM_FILES\OCS Inventory Agent

NB: You can use "PROGRAM_FILES" variable to specify using default remote host directory for "Program Files", usually "C:\Program Files".

<< Back Cancel Next >>

13. You must provide the Administrator login name and the administrator password for all the local machines, this is usually the same on a Domain network. For example, you Administrator login may be "administrator" and your password may be "nascar1988". Don't worry about the PuTTY SSH Key, we aren't using it and is not necessary for this guide.

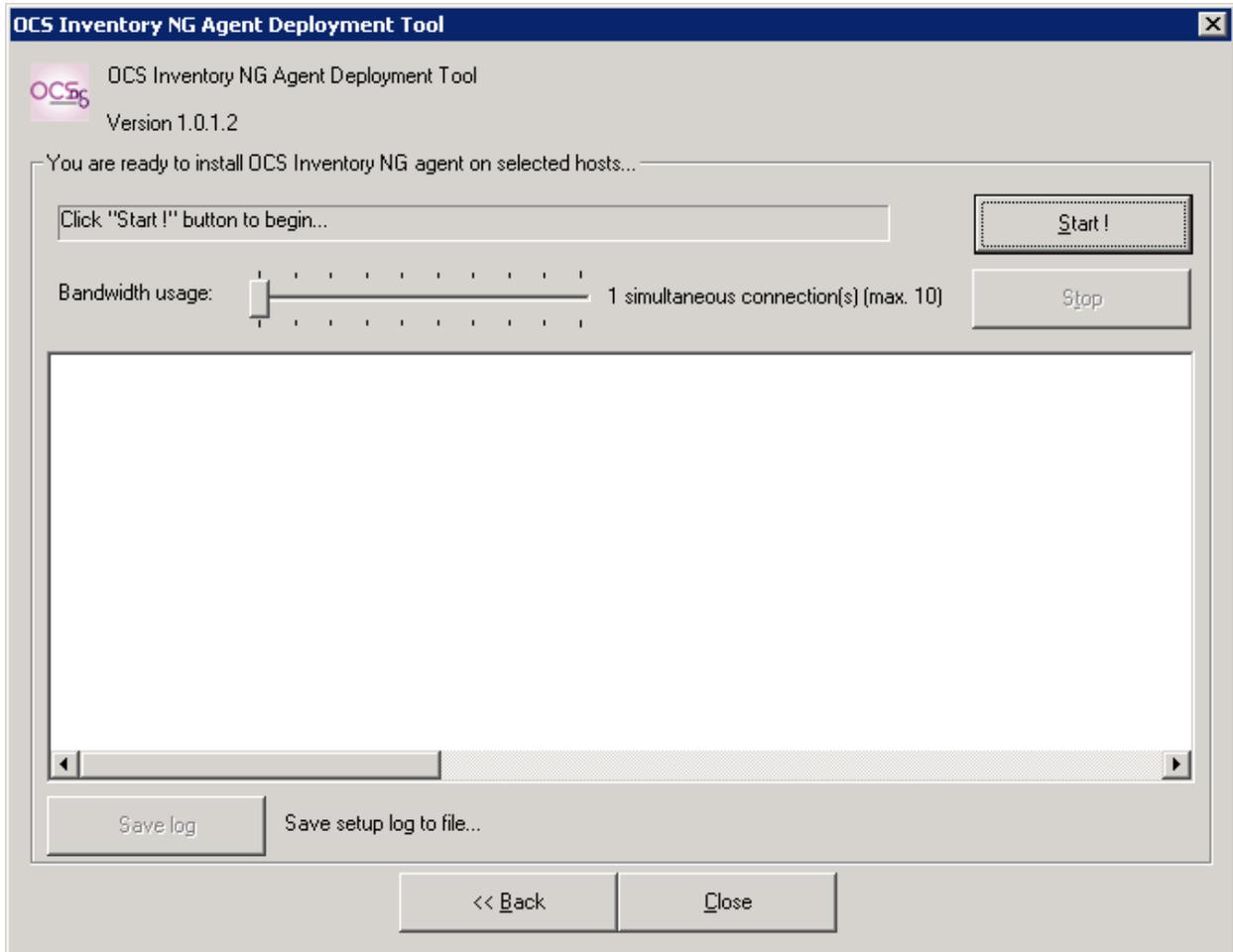
14. Click the Next button and the Agent will be deployed. You may get some errors in the agent deployment command, which is normal as there may not be a computer on at that IP address, or the password and username may be different from the one you think it is. You will get an option to save all the IP addresses in an excel format when the program completes for review.



The image shows a Windows-style dialog box titled "OCS Inventory NG Agent Deployment Tool" with a close button (X) in the top right corner. The dialog box has a light gray background and a blue header bar. In the top left corner, there is a logo for "OCS Inventory NG" and the text "OCS Inventory NG Agent Deployment Tool" and "Version 1.0.1.2". The main content area is titled "Install OCS Inventory NG Agent on Remote Host" and contains the instruction "Please, provide Administrator Credentials for remote hosts...". Below this instruction are three input fields: "Login Name" with a text box, "Password" with a text box, and "PuTTY SSH Key" with a text box and a browse button (three dots). At the bottom of the dialog box, there are three buttons: "<< Back", "Cancel", and "Next >>". A note at the bottom of the main content area reads: "NB: You must provide Administrator Login Name (Domain\Account or Account@Domain) and Password if your current account does not have Administrator privileges on remote hosts."

15. You are almost ready to deploy the agent, the default Bandwidth usage is 1 connection, you can raise it to more connections by simply sliding the bar over to the right.

16. When you have the desired Bandwidth, just click start.



17. When the agent is installed successfully on a PC, a new item will be listed in the programs menu. Here is where it typically is, just click the Start button and you should see the new item "Ocs_contact". You now have a working agent on the pc. Remember, it may take a little time before the server inventory's this pc.