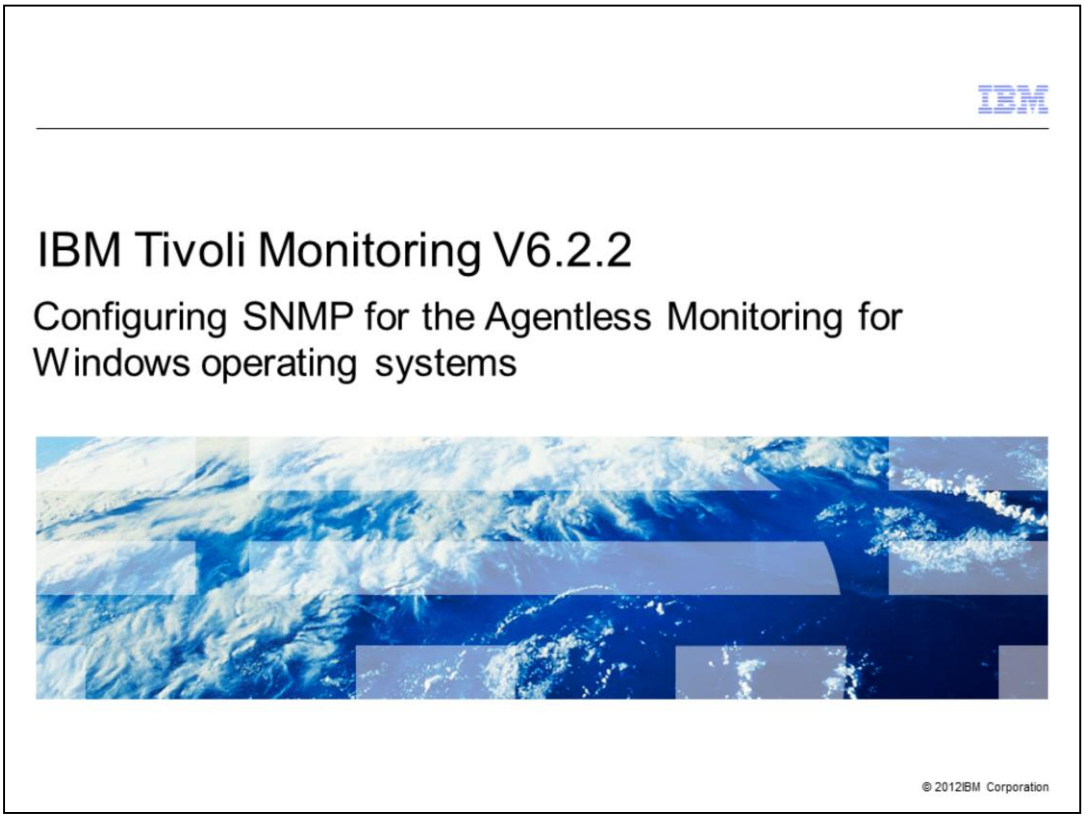
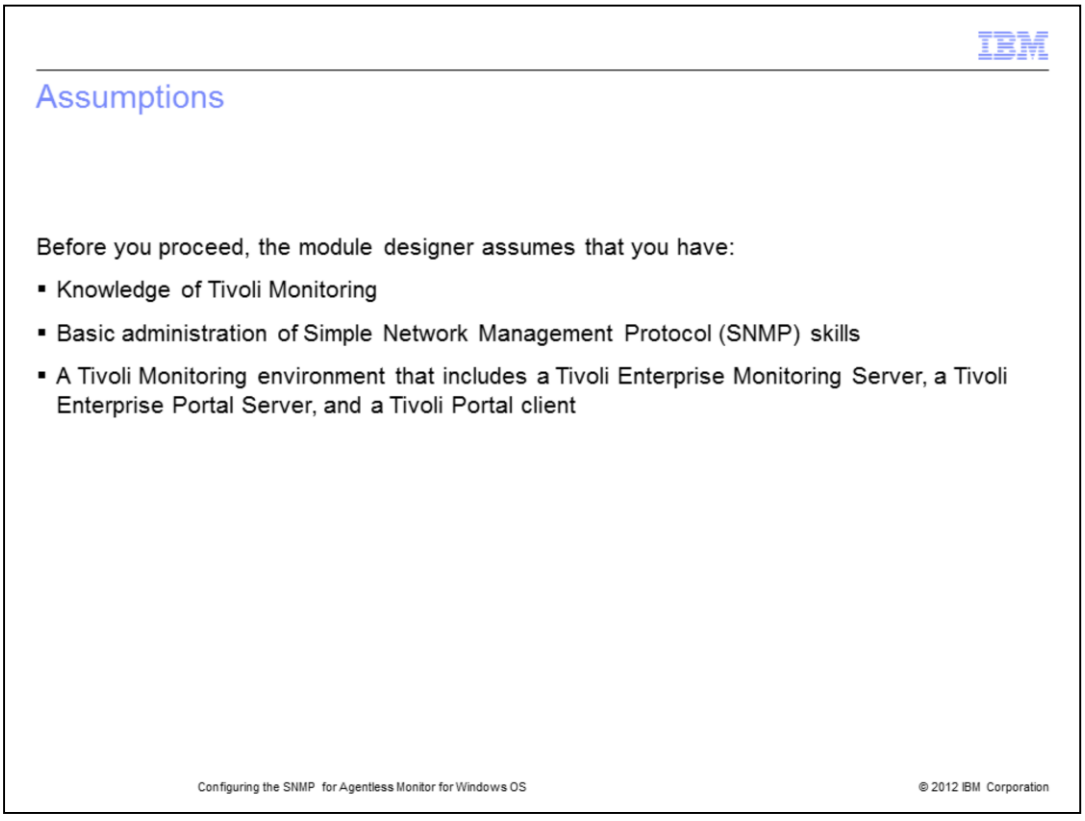


IBM Tivoli Monitoring V6.2.2, Configuring the SNMP for Agentless Monitoring for Windows operating systems. In this module, you learn the main steps involved in configuring Simple Network Management Protocol (SNMP) for the Agentless Monitoring for Windows operating systems.



The module developer assumes that you have knowledge of Tivoli Monitoring and basic knowledge of the SNMP protocol. You have a functioning Tivoli Monitoring environment that includes these components:

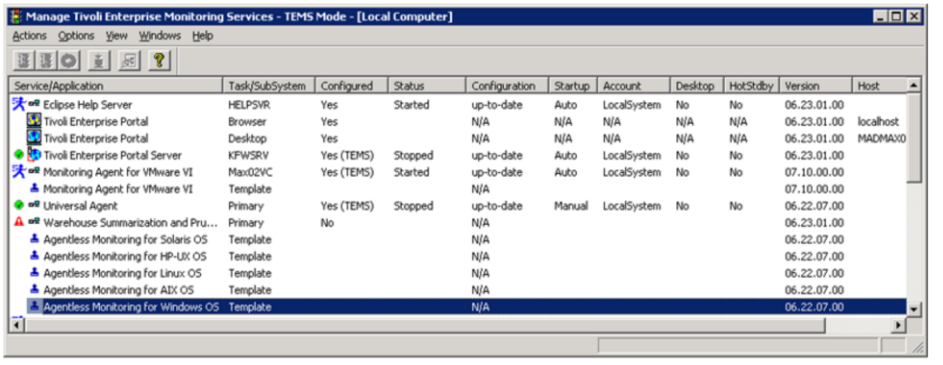
- Tivoli Enterprise Monitoring Server
- Tivoli Enterprise Portal Server
- Tivoli Portal client

When you complete this module, you can configure and start the Tivoli Agentless Monitor for Windows OS agent and connect to a Tivoli Enterprise Monitoring Server.

You can view the SNMP data collected by the monitoring agent.

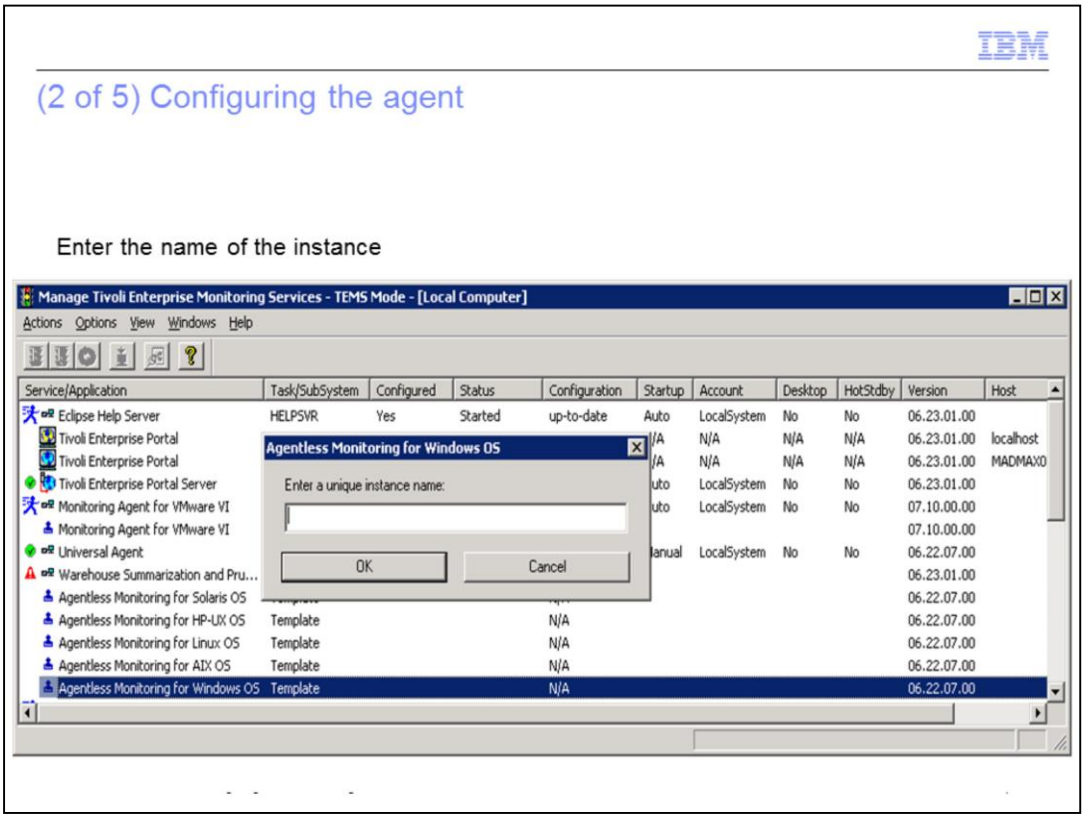
(1 of 5) Configuring the agent

- Open the Manage Tivoli Monitoring Services application
- Select the template for the agent type
- Enter the requested information



© 2012 IBM Corporation

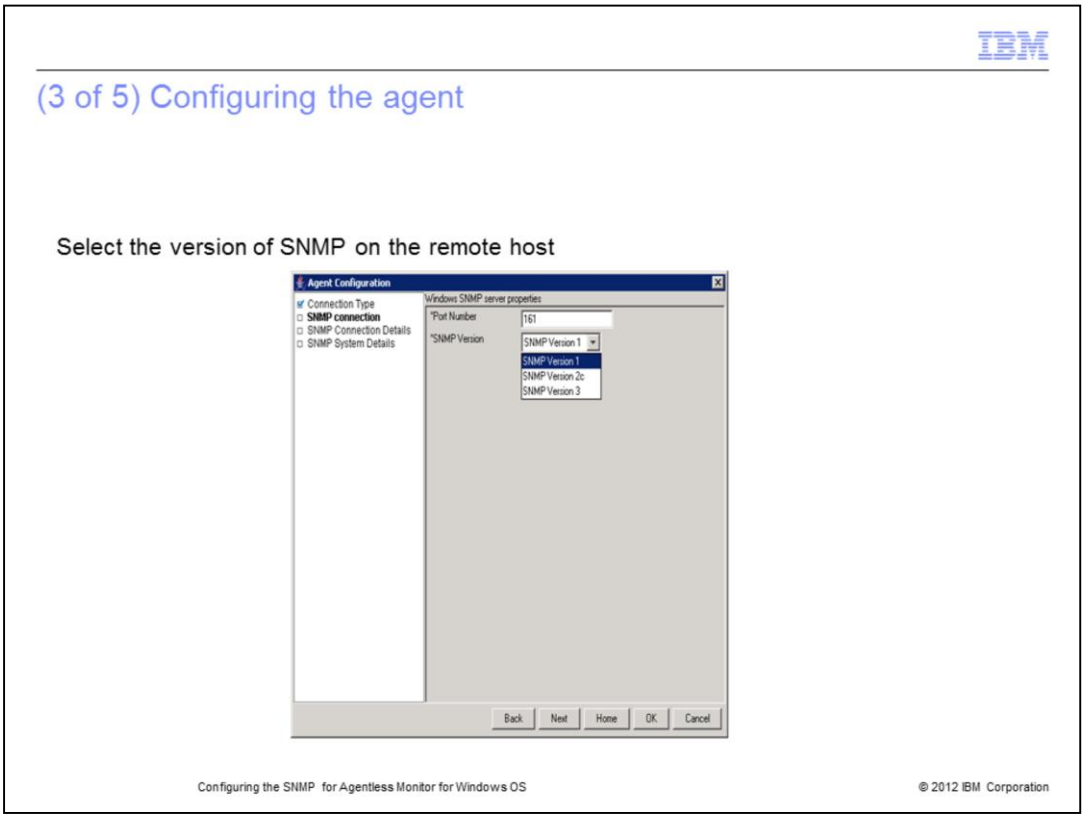
After the Tivoli Monitoring Agentless Monitor for Windows agent is installed, the Agentless agent template is available in the Manage Tivoli Monitoring Services application. It is highlighted in the screen capture.



For the Windows OS, you can configure the Agentless agent with one of these four methods:

1. **itmcmd** command.
2. **tacmd** command.
3. In the Tivoli Enterprise Portal GUI, right-click the agentless icon and click the **Configure** option.
4. Manage Tivoli Enterprise Monitoring Services. This is the method shown in this presentation.

When you double-click the **Agentless Template**, the configuration window displays. Enter the instance name of the agent in the configuration window.



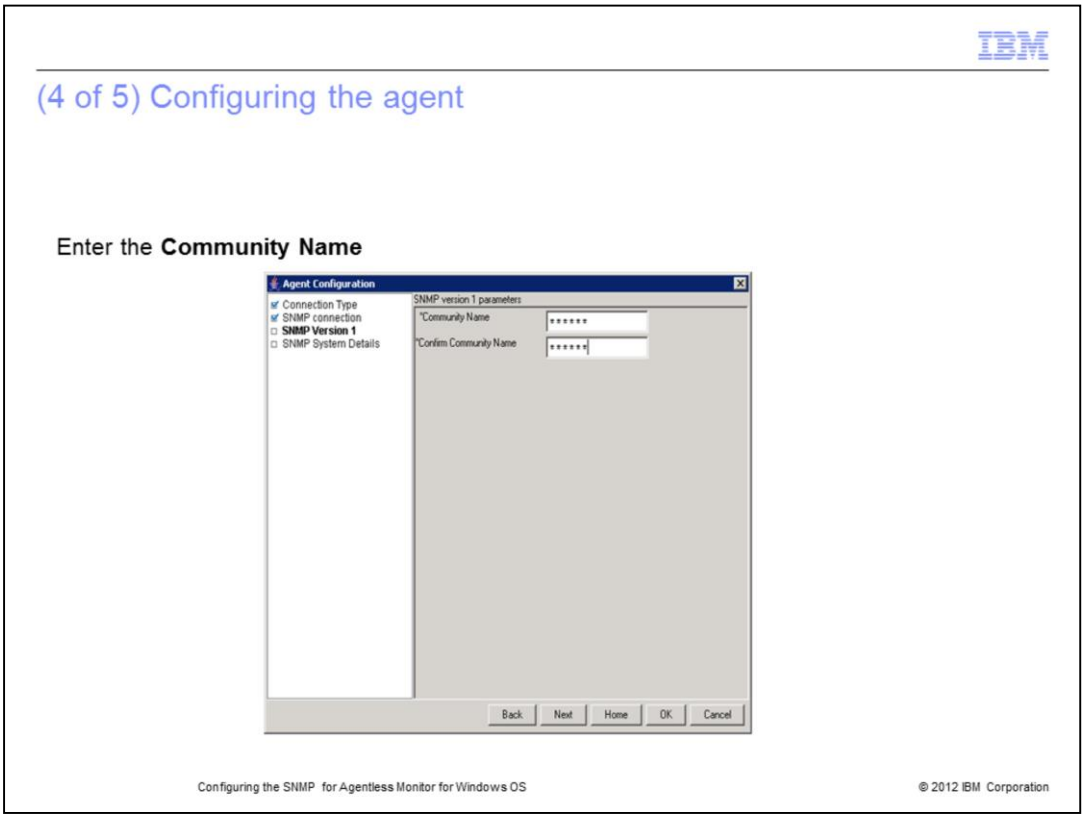
An Agentless Monitor obtains data from the nodes it monitors with a remote application programming interface, SNMP, *Common Information Model* (CIM), or *Windows Management Instrumentation* (WMI). For Windows, there are two choices for **Connection Type**. They are WMI API and SNMP.

Choose **SNMP connection** for **Connection Type**.

There are three versions of SNMP. They are **SNMPv1**, **SNMPv2c**, and **SNMPv3**.

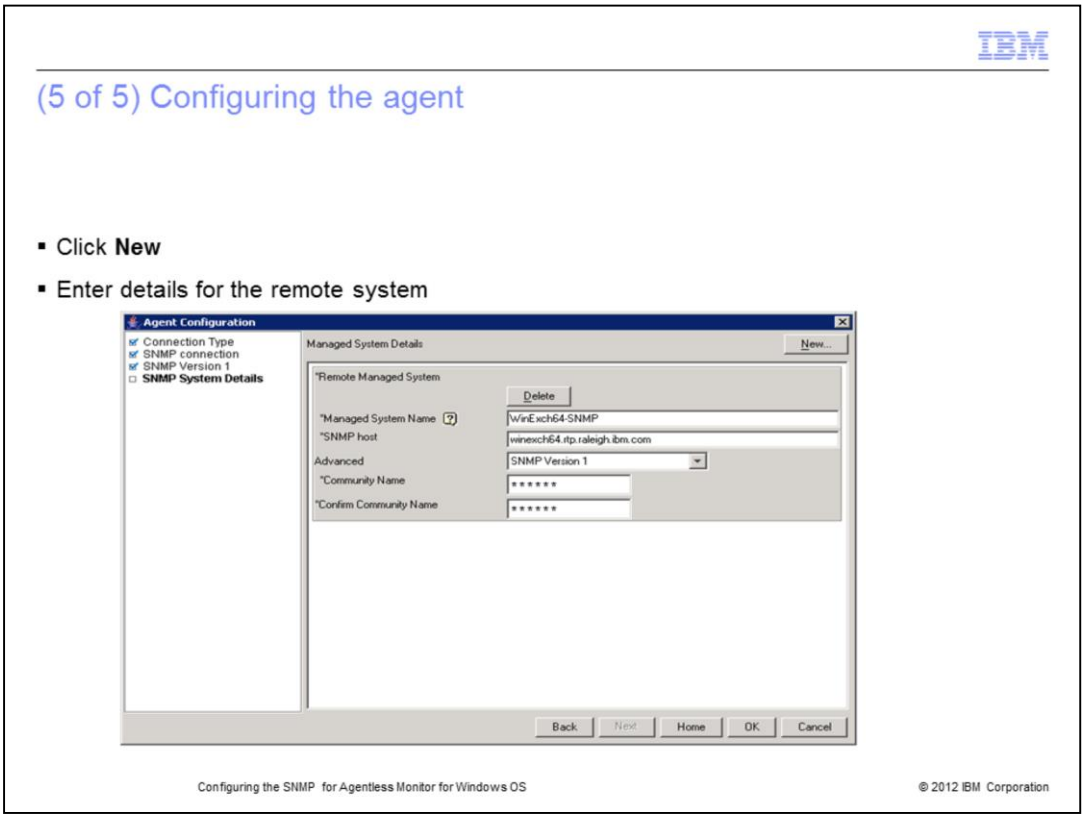
Choose the **SNMP Version**.

Click **Next**.



The community name depends on the version of SNMP used. Enter the **Community Name** and enter it again to confirm.

Click **Next**.



This screen contains a button labeled **New**. Click **New** to display the additional configuration information.

The **Managed System Details** screen displays.

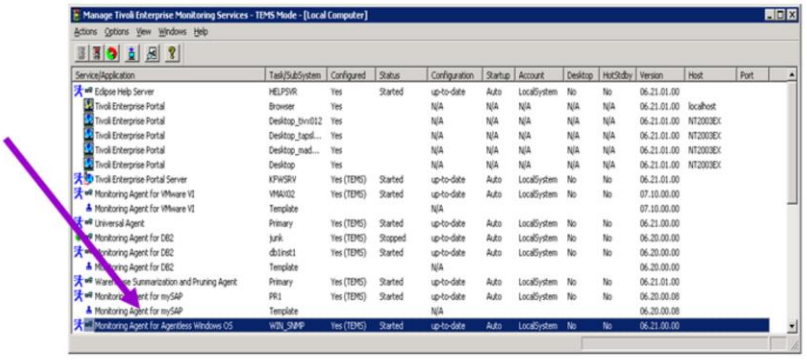
Enter the **Managed System Name.** The **Managed System Name** is the name that is displayed in the Tivoli Enterprise Portal Navigator tree for that host.

You must enter the fully qualified name for the remote SNMP host.

Click **OK**.

Starting the agent

- The new service is in the Manage Tivoli Enterprise Monitoring Services window
- Start the agent



Configuring the SNMP for Agentless Monitor for Windows OS

© 2012 IBM Corporation

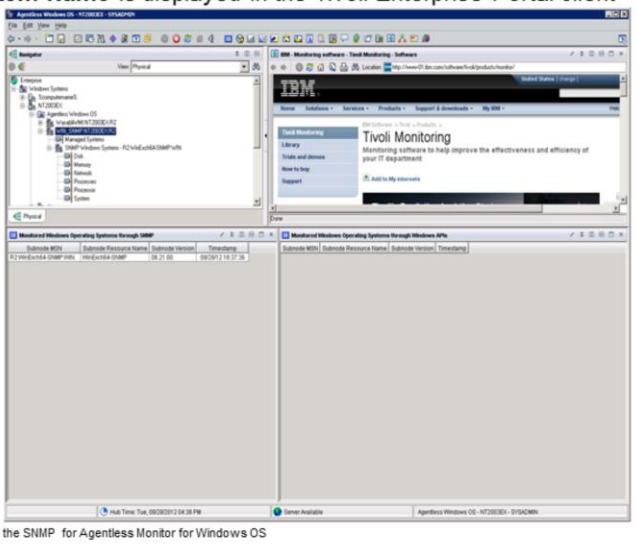
An entry for this agent is displayed in the **Manage Tivoli Enterprise Monitoring Services** window after the agent is successfully configured.

You can see the defined Instance name is present for the newly configured agent.

To start the agent, you can double-click the agent entry.

Verifying the agent in the Tivoli Enterprise Portal client

The **Managed System Name** is displayed in the Tivoli Enterprise Portal client



© 2012 IBM Corporation

Notice that the defined **Managed System Name** is displayed in the Tivoli Enterprise Portal client.

Now that you have completed this module, you can configure and start the Tivoli Agentless Monitor for Windows OS agent and connect to a Tivoli Enterprise Monitoring Server.

You can view the SNMP data that is collected by the monitoring agent.

IBM

Trademarks, disclaimer, and copyright information

IBM, the IBM logo, ibm.com, and Tivoli are trademarks or registered trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of other IBM trademarks is available on the web at "Copyright and trademark information" at http://www.ibm.com/legal/copytrade.shtml

Other company, product, or service names may be trademarks or service marks of others.

THE INFORMATION CONTAINED IN THIS PRESENTATION IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. WHILE EFFORTS WERE MADE TO VERIFY THE COMPLETENESS AND ACCURACY OF THE INFORMATION CONTAINED IN THIS PRESENTATION, IT IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. IN ADDITION, THIS INFORMATION IS BASED ON IBM'S CURRENT PRODUCT PLANS AND STRATEGY, WHICH ARE SUBJECT TO CHANGE BY IBM WITHOUT NOTICE. IBM SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES ARISING OUT OF THE USE OF, OR OTHERWISE RELATED TO, THIS PRESENTATION OR ANY OTHER DOCUMENTATION. NOTHING CONTAINED IN THIS PRESENTATION IS INTENDED TO, NOR SHALL HAVE THE EFFECT OF, CREATING ANY WARRANTIES OR REPRESENTATIONS FROM IBM (OR ITS SUPPLIERS OR LICENSORS), OR ALTERING THE TERMS AND CONDITIONS OF ANY AGREEMENT OR LICENSE GOVERNING THE USE OF IBM PRODUCTS OR SOFTWARE.

© Copyright International Business Machines Corporation 2012. All rights reserved.

© 2012 IBM Corporation