IBM License Metric Tool V7.5

Scheduling a self-update of agents

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In this training module, system users learn how to schedule a self-update of IBM License Metric Tool V7.5 agents.

After completing this training module, you can accomplish these tasks:

- Describe the IBM License Metric Tool V7.5 scheduled self-update of agents process
- Configure and verify the successful configuration of the three update parameters
- View agent scan group self-update results

Scheduled self-update of agents overview

- Scheduled self-update allows you to define a time window during which the agent self-update can be performed
- Agent self-updates are based on the local time zones in which agents are located and not the time on the IBM License Metric Tool server

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Scheduled self-updating of IBM License Metric Tool agents takes place during a user-configured and pre-defined time window. Be sure to use the local time zone of the agents and not the time zone of the IBM License Metric Tool server.
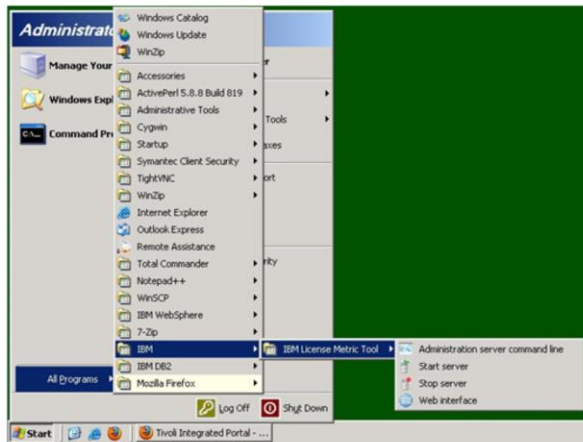
About this module

- The system configuration and OS environment for a scheduled self-update on a scan group:
    – IBM License Metric Tool version 7.5 server
    – Windows® Server 2003
    – Scan group: Zeus
    – Agent version: 7.2.2 Fix Pack 2
    – Agent Status: OK
- **Note**: Agents only self-update if they are up and running and communicating with an IBM License Metric Tool sever
- The goal is for all agents in the scan group Zeus to self-update to version 7.5 by 6 am, June 11th, 2012

This module uses this software application environment with a goal of having agents in the Zeus scan group self-update to V7.5 by 6 AM on June 11, 2012:

- IBM License Metric Tool V7.5

- Windows Server 2003

- Scan group Zeus

- Agent V7.2.2 Fix Pack 2

- Agent Status = OK

Open the command line interface on the IBM License Metric Tool server. Next, click **Start > IBM License Metric Tool > Administration Server Command line**.

Logging in to the CLI

- At the **lmt>** prompt, type `login` and press **Enter**

- Enter a user name and password

```
Administration server command line                                    _ □ ×
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
x Licensed Materials - Property of IBM
x 5724-T40 IBM License Metric Tool
x 5725-C68 IBM Tivoli Asset Discovery for Distributed
x Command line version 7.5 for Windows Server 2003 .
x (C) Copyright IBM Corp. 2002, 2010.
x All Rights Reserved. US Government Users Restricted Rights - Use,
x duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Cor
p.
x For more detailed help, refer to product manual.
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

lmt>login
Enter the user name: tipadmin
Enter the user password:

CODCL0033I: The command has been successfully performed.

lmt>_
```

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Log in to the IBM License Metric Tool server with a username and password provided by a system administrator.

Configuring the scheduled self-update of IBM License Metric Tool agents

- Configure scheduled self-update on the scan group Zeus starting at 22:00 June 10 2012 and ending 8 hours later

  Note: Today's date is June 06 2012

- Three important parameters to remember
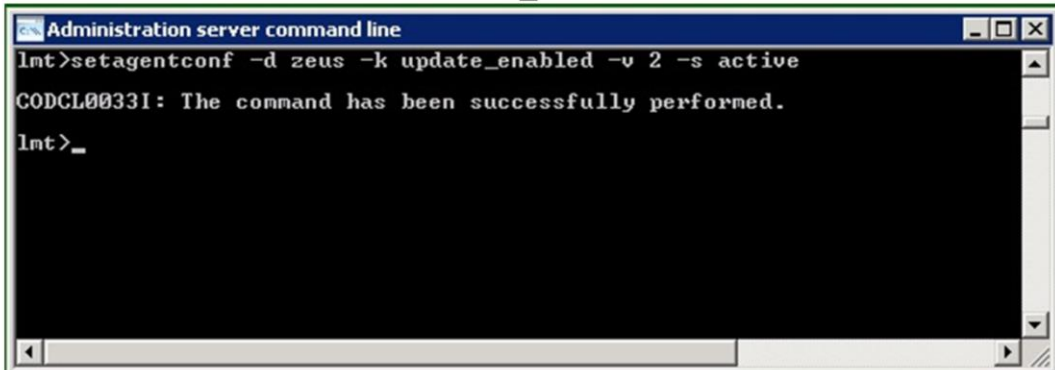 - update_enabled
  - update_start
  - update_interval

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Use today's date to configure a scheduled self-update of agents in a specific and named scan group. Pick a scheduled self-update starting time and an ending time for the update of agents.

Prepare to configure and verify the configuration of these parameters:

- update_enabled

- update_start

- update_interval

(1 of 3) Setting the update_enabled value

- Run all commands from the lmt> command line
- Run this command to set **update_enabled** to **2**

  `setagentconf -d zeus -k update_enabled -v 2 -s active`

```
Administration server command line                              _ □ ×
lmt>setagentconf -d zeus -k update_enabled -v 2 -s active
CODCL0033I: The command has been successfully performed.

lmt>_
```
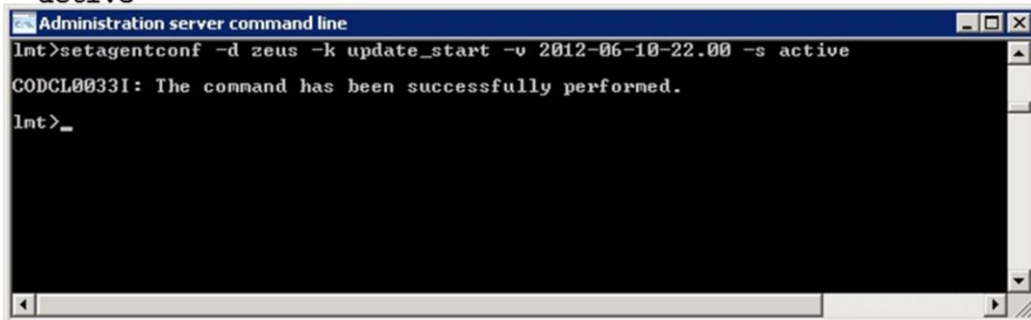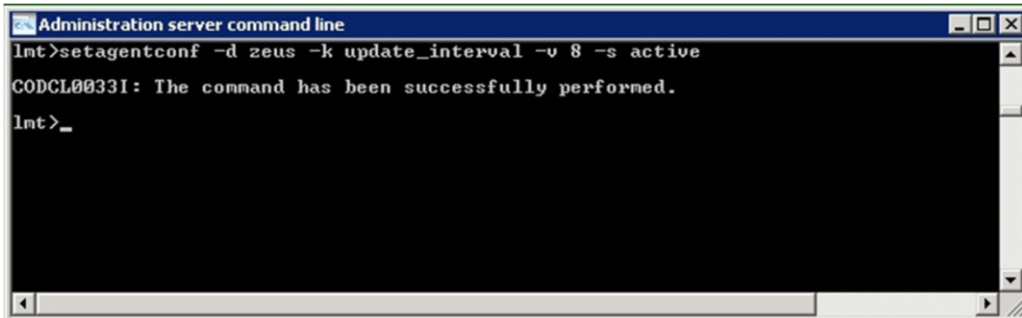
In this slide, the **update_enabled** parameter value is set to **2**.

(2 of 3) Setting the update_start value

Run this command to set the value of update_start to June 10th 2012 at 22:00

setagentconf -d zeus -k update_start -v 2012-06-10-22.00 -s active

```
lmt>setagentconf -d zeus -k update_start -v 2012-06-10-22.00 -s active

CODCL0033I: The command has been successfully performed.

lmt>_
```

In this slide, the **update_start** parameter value is set to 2200 hours on June 06, 2012. Remember that this is 2200 hours in the local time zone of the agent and not that of the IBM License Metric Tool server.

(3 of 3) Setting the update_interval value

Run this command to set the value of **update_interval** to **8**

```
setagentconf -d zeus -k update_interval -v 8 -s active
```

```
Administration server command line                          _ □ X
lmt>setagentconf -d zeus -k update_interval -v 8 -s active
CODCL0033I: The command has been successfully performed.

lmt>_
```

In this slide, the **update_interval** is set to **8** hours.

(1 of 3) Verifying correct parameter values

Run this command to verify that **update_enabled** is **active**

```
getagentconf -d zeus -k update_enabled
```

```
lmt>getagentconf -d zeus -k update_enabled
Name: update_enabled
Value: 2
State: Active
```

In this slide, the **update_enabled** parameter value is verified. The system response value is **2**.

(2 of 3) Verifying correct parameter values

Run the command `getagentconf -d zeus -k update_start` to verify that **update_start** is **active**

```
lmt>getagentconf -d zeus -k update_start
Name: update_start
Value: 2012-06-10-22.00
State: Active
```

Here, the **update_start** parameter value is verified. The system response value is June 10, 2012 at 2200 hours.

(3 of 3) Verifying correct parameter values

Run the command `getagentconf -d zeus -k update_interval` to verify that **update_interval** is **active**

```
lmt>getagentconf -d zeus -k update_interval
Name: update_interval
Value: 8
State: Active
```

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In this slide, the **update_interval** parameter value is verified. The system response value is **8**.

Viewing the self-update results

- Check the IBM License Metric Tool web user interface
- Agents in the scan group Zeus self-update to V7.5.0 by June 11th, 6 AM

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View the scheduled agent self-update results from the web user interface. In this slide, the eight hour span of our update interval has passed. On June 11, 2012 at 0600 hours, the scan group Zeus has already successfully self-updated its agents to V7.5.0.

Now that you have completed this training module, you can accomplish these tasks:

- Describe the IBM License Metric Tool V7.5 scheduled self-update of agents process

- Configure and verify the successful configuration of the three agent self-update parameters

- View agent scan group self-update results

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