

IBM Tivoli Application Dependency Discovery Manager V7.2

Running the level one IBM Tivoli Monitoring scope
sensor



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In this module, you learn about configuring and running the level one IBM Tivoli®
Monitoring scope sensor.

Assumptions

- Before you proceed, the module designer assumes that you have these skills and knowledge:
 - IBM Tivoli Monitoring: Tivoli Enterprise Portal Server and agents
 - Running IBM Tivoli Monitoring commands: `tacmd`, `itmcmd`
 - Tivoli Application Dependency Discovery Manager discovery basics
 - Creating access list entries
 - Creating scope sets
 - Running discoveries

This IBM Education Assistant module assumes you have basic knowledge of the ability to run the IBM Tivoli Monitoring commands **tacmd** and **itmcmd** on the Tivoli Enterprise Portal Server. Another assumption is that in Tivoli Application Dependency Discovery Manager, you can create access lists, scopes, and start discoveries.

Objectives

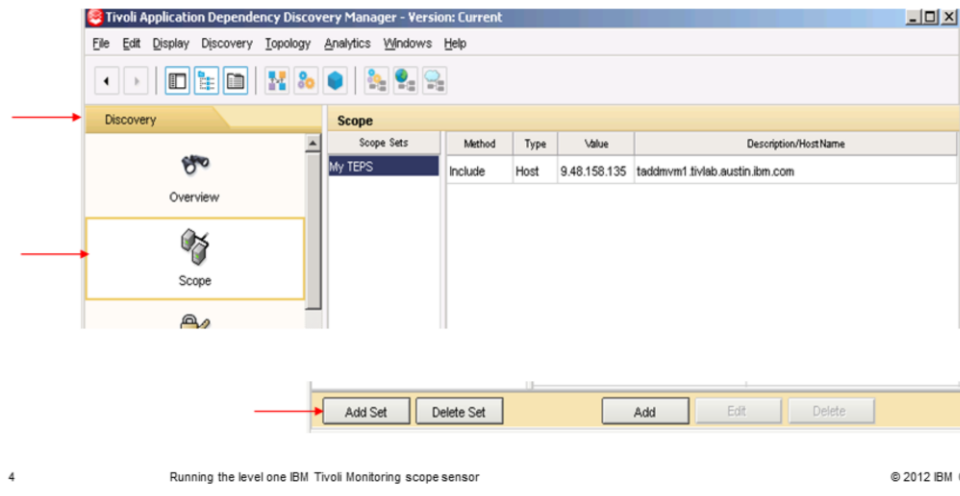
When you complete this module, you can perform these tasks:

- Create a scope
- Create an access list entry
- Create a discovery profile

When you complete this module, you can create a scope that includes the Tivoli Enterprise Portal Server. You can create an access list entry for connection credentials to the Tivoli Enterprise Portal Server, and create the discovery profile that includes the IBM Tivoli Monitoring scope sensor.

Creating a scope

Create a discovery scope that includes the Tivoli Enterprise Portal Server



From the Tivoli Application Dependency Discovery Manager console select **Scope** from the **Discovery** tab and select **Add Set** to create a scope that contains the Tivoli Enterprise Portal Server. In this example the scope name is My TEPS.

Creating an access list entry

- Create an access list entry of the type IBM Tivoli Monitoring that contains the Tivoli Enterprise Portal Server credentials. Note these are the credentials you use to log on to the Tivoli Enterprise Portal Server console, not the machine credentials.

The screenshot shows a dialog box titled "Access Details" with two tabs: "Access Information" and "Scope Limitations". The "Access Information" tab is active. It contains the following fields:

- Component Type: IBM Tivoli Monitoring (dropdown menu)
- Name: TEPS1 (text box)
- User name: sysadmin (text box)
- Password: ***** (password box)
- Confirm Password: ***** (password box)

At the bottom right of the dialog are "OK" and "Cancel" buttons.

5

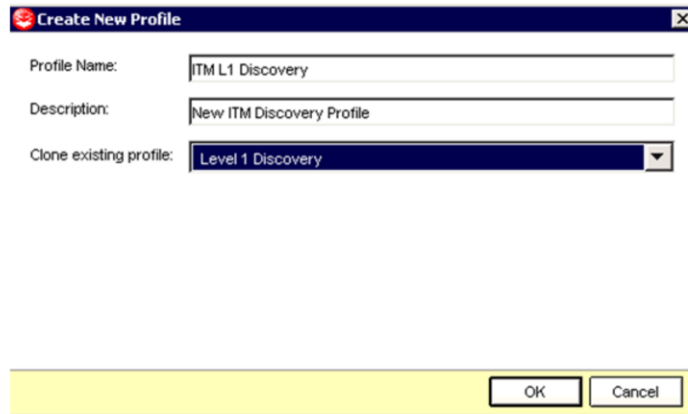
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Create an access list entry of the type IBM Tivoli Monitoring that contains the Tivoli Enterprise Portal Server credentials. Note: These are the credentials you can use to log on to the Tivoli Enterprise Portal Server console, not the machine credentials. From the **Discovery** tab select **Access List**. Click **Add**. Create a new entry of the component type IBM Tivoli Monitoring. Enter a descriptive name and the IBM Tivoli Monitoring user name and password. Optionally, you can set scope limitations.

Creating a discovery profile

- Create and configure a new discovery profile



The screenshot shows a dialog box titled "Create New Profile" with a close button (X) in the top right corner. The dialog contains the following fields:

- Profile Name:** ITM L1 Discovery
- Description:** New ITM Discovery Profile
- Clone existing profile:** Level 1 Discovery (selected from a dropdown menu)

At the bottom right of the dialog are two buttons: "OK" and "Cancel".

Create a new discovery profile to enable the ITMScopeSensor. From the **Discovery** tab select **Discovery Profiles**. Select **New**. Enter a descriptive name and a description. Clone the new profile from the level 1 discovery profile.

Customizing the ITMScopeSensor

In the new discovery profile, enable the ITMScopeSensor or create a new ITMScopeSensor to edit the parameters

Configuration

Name: ITMScopeSensor2
Display Name: ITMScopeSensor2
Description: ITMScopeSensor2

Name	Value
portList	1920
useDefaultPortList	true
discoverITMEndpoints	true
templateClassName	
cmdSource	

*Note. To change an entry click on field, edit data, and press the enter button.

Scope Restrictions

No Restrictions Add Restrictions

OK Cancel

Default IBM Tivoli Monitoring port to query (default 1920)

Use port 1920, even if it is not provided in the port list (default true)

Create ComputerSystem objects for IBM Tivoli Monitoring discovered endpoints (default false)

7

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In the new IBM Tivoli Monitoring discovery profile, enable the ITMScopeSensor, or if you need to change any of the configuration parameters create a new ITMScopeSensor. This example shows a cloned ITMScopeSensor and how to edit the parameters. Setting the discoveryITMEndpoints to true creates a configuration item in Tivoli Application Dependency Discovery Manager for all IBM Tivoli Monitoring endpoints connected to the Tivoli Enterprise Portal Server that is discovered. After completion of this step, run a Tivoli Application Dependency Discovery Manager discovery using this profile and the My TEPS scope previously created.

Summary

Now that you completed this module, you can perform these tasks:

- Create a scope
- Create an access list entry
- Create a discovery profile

Now that you have completed this module, you can create a scope that includes the Tivoli Enterprise Portal Server. You can create the access list entry for connection credentials to the Tivoli Enterprise Portal Server, and create the discovery profile that includes the IBM Tivoli Monitoring scope sensor.

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