

IBM Tivoli Composite Application Manager for Transactions V7.3

Configuring content capture for the T6 agent



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This module is for IBM Tivoli® Composite Application Manager for Transactions (ITCAM) V7.3, Configuring content capture for the Robotic Response Time T6 agent.

Objective

When you complete this module, you can configure content capture capability on the Composite Application Manager for Transactions T6 agent

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Assumptions

- Environment configuration
 - Composite Application Manager for Transactions T6 agents are installed
 - Profiles are present and running on the T6 agent
 - Profiles contain Rational® Performance Tester or Rational Functional Tester scripts for playback
 - Rational Performance Tester scripts must be HTTP or HTTPS and include verification points
 - The browser to display captured content is Internet Explorer V7+ or Firefox V3.2+

The assumption for this module is that you have completed Composite Application Manager for Transactions installation and configuration for T6 agents. You have profiles created and running, and they contain Rational Performance Tester or Rational Functional Tester scripts. The Rational Performance Tester scripts must be HTTP or HTTPS with verification points. You must have an up to date browser: Internet Explorer V7 or greater or Firefox V3.2 or greater.

Solution

- There are many steps to complete the content capture configuration. The configuration spans the Robotic Response Time (T6) agent and the AMCE (Application Management Configuration Editor) accessed through the Tivoli Monitoring Tivoli Enterprise Portal Server

Many steps are required to configure Composite Application Manager for Content Capture. The configuration spans the Robotic Response Time (T6) agent and the AMCE (application management configuration editor) accessed through the IBM Tivoli Monitoring Tivoli Enterprise Portal Server.

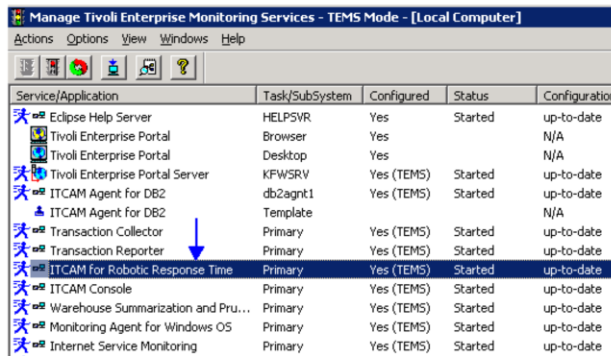
Process outline

- 1.Enable screen content capture for the T6 agent
- 2.Enable screen content capture in the T6 profiles

The two major steps for configuring content capture are enabling screen content capture for the T6 agent and the script included in a T6 profile.

Updating the T6 agent configuration (1 of 3)

- Update the agent through the Manage Tivoli Enterprise Monitoring Services component



Service/Application	Task/SubSystem	Configured	Status	Configuration
Eclipse Help Server	HELPSVR	Yes	Started	up-to-date
Tivoli Enterprise Portal	Browser	Yes		N/A
Tivoli Enterprise Portal	Desktop	Yes		N/A
Tivoli Enterprise Portal Server	KFWSRV	Yes (TEMS)	Started	up-to-date
ITCAM Agent for DB2	db2agnt1	Yes (TEMS)	Started	up-to-date
ITCAM Agent for DB2	Template			N/A
Transaction Collector	Primary	Yes (TEMS)	Started	up-to-date
Transaction Reporter	Primary	Yes (TEMS)	Started	up-to-date
ITCAM for Robotic Response Time	Primary	Yes (TEMS)	Started	up-to-date
ITCAM Console	Primary	Yes (TEMS)	Started	up-to-date
Warehouse Summarization and Pru...	Primary	Yes (TEMS)	Started	up-to-date
Monitoring Agent for Windows OS	Primary	Yes (TEMS)	Started	up-to-date
Internet Service Monitoring	Primary	Yes (TEMS)	Started	up-to-date

Use the Manage Tivoli Enterprise Monitoring Services to update the T6 agent.

Updating the T6 configuration (2 of 3)

Reconfigure to change the settings for the T6 agent

Service/Application	Task/SubSystem	Configured	Status	Configuration	Startup
Eclipse Help Server	HELPSVR	Yes	Started	up-to-date	Auto
Tivoli Enterprise Portal	Browser	Yes		N/A	N/A
Tivoli Enterprise Portal	Desktop	Yes		N/A	N/A
Tivoli Enterprise Portal Server	KFW5RV	Yes (TEMS)	Started	up-to-date	Auto
ITCAM Agent for DB2	db2agnt1	Yes (TEMS)	Started	up-to-date	Auto
ITCAM Agent for DB2	Template			N/A	
Transaction Collector	Primary	Yes (TEMS)	Started	up-to-date	Auto
Transaction Reporter	Primary	Yes (TEMS)	Started	up-to-date	Auto
ITCAM for Robotic Response Time	Primary	Yes (TEMS)	Started		
ITCAM Console	Primary	Yes (TEMS)	Started		
Warehouse Summarization and Pru...	Primary	Yes (TEMS)	Started		
Monitoring Agent for Windows OS	Primary	Yes (TEMS)	Started		
Internet Service Monitoring	Primary	Yes (TEMS)	Started		
Warehouse Proxy	Primary	Yes (TEMS)	Started		
Tivoli Enterprise Monitoring Server	TEMS1	Yes	Started		

Start
Stop
Recycle
Change Startup...
Change Startup Params...
Set Defaults For All Agents...
Configure Using Defaults
Create Instance...
Create Multi-Instance...
Reconfigure...

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Use the **Reconfigure** option to update the T6 configuration.

Updating the T6 configuration (3 of 3)

- Update the **Enable Screen and Content Capture during Playback** option as **True**
- Click **OK**
- Restart the agent

The screenshot shows the 'ITCAM for Robotic Response Time' configuration window. The 'Robotic Monitoring Configuration' tab is active. The 'Specify the Robotic monitoring configuration' section includes a dropdown menu set to 'False'. Below this are fields for 'Windows Logon User Name' (administrator), 'Windows Logon Password', and 'Confirm Windows Logon Password'. The 'Enable Screen and Content Capture during Playback' dropdown is highlighted with a blue box and set to 'True'. Below it, the '*Screen and Content Capture Thumbnail' field is set to '10', with a tooltip that reads 'Specify if screen and content capture should be enabled'. The 'OK' and 'Cancel' buttons are at the bottom right.

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Update the **Enable Screen and Content Capture during Playback** option to **True**. This action allows you to selectively capture content on an agent.

Updating the profile

- Open the AMCE and select the **Profile runs the script** option
- Select the script, update the **Enable screen content capture** option

The screenshot shows the AMCE interface with a list of profiles and a properties window. The profile list has the following data:

Name	Status
google	Started*
google	Started*
HTTPPart820	Started*
HTTPPart820	Started*

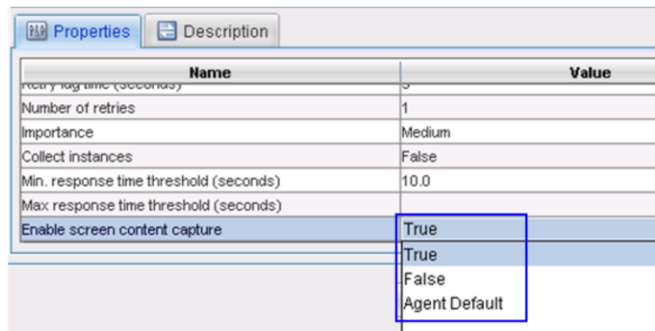
The Properties window is open for the selected profile, showing the following configuration:

Name	Value
Priority tag name (secondary)	
Number of retries	1
Importance	Medium
Collect instances	False
Min. response time threshold (seconds)	10.0
Max response time threshold (seconds)	
Enable screen content capture	True

Edit the profile through the AMCE. Select the script and update the option for **Enable screen content capture**.

Content capture agent default

Using the **Agent Default** setting in the profile specifically uses the True or False indication you set in the T6 configuration



Name	Value
Number of retries	1
Importance	Medium
Collect instances	False
Min. response time threshold (seconds)	10.0
Max response time threshold (seconds)	
Enable screen content capture	True
	True
	False
	Agent Default

The **Agent Default** setting in the profile ensures the script only produces content capture if the T6 agent is set to True.

Content capture for a script

- After the T6 agent restarts, any script with a setting of **True** for content capture performs the following tasks:
 - Captures a successful set of content pages for comparison, and again every time the Robotic Response Time agent is restarted and the Rational Performance Tester script runs successfully
 - Produces a screen capture of the transaction or step in the script that fails. This statement is true for Rational Performance Tester and Rational Functional Tester playback

Every time the T6 agent is restarted, if content capture is **True**, a successful set of content pages is created for Rational Performance Tester scripts. Successful content is not captured for Rational Functional Tester.

For Rational Functional Tester and Rational Performance Tester, transactions or steps in the script that fail, the software produces a screen capture.

Process review

- Enable screen content capture on the T6 agent to provide an agent default
- Enable screen content capture in the T6 profiles for individual scripts

Process review. The following list includes the major steps in this module:

1. Enabling screen content capture on the T6 agent to provide an agent default.
2. Enabling screen content capture in the T6 profiles for individual scripts.

Summary

- Now that you have complete this module, you can configure content capture capability on the Composite Application Manager for Transactions T6 agent

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