

ITMSUPER and TAUDIT OVERVIEW

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August 17th, 2012

Agenda

- 1. Overview**
- 2. Download**
- 3. Install**
- 4. Execution**

Overview - ITMSUPER

- **A tool which can be used to get a bird's eye view of your system.**
- **Answers a lot of questions asked by the IBM Support team should you encounter a problem.**
- **Questions, like what platform is your hub TEMS running on, the operating system and it's version.**
- **We can see your environment size, all agents and all TEMS are shown.**
- **Along with ITMSUPER, which is interactive, we provide a batch tool, TAUDIT.**

Overview - ITMSUPER

- Downloaded from Integrated Service Management Library
- Getting started with ITMSUPER DCF: <http://www-01.ibm.com/support/docview.wss?uid=swg21444266>
- Runs on Windows only
- ITM does not need to be installed
- Hub TEMS can be on any platform

Download ZIP file

- <https://www-304.ibm.com/software/brandcatalog/ismlibrary/details?catalog.label=1TW10TM6L>

Install

- **Create directory**
- **Unzip ITMSUPER.ZIP into newly created directory**
- **Edit iuser.js to include your environment information:**

Execution, modify iuser.js

```
var iuserid = "userid";  
  
var ipass = "password";  
  
var ihubserver = "ip address of the hubserver or hostname";  
  
var isoapport = "soap port number default is 1920";  
  
var itepdbsource = "teps database source";  
  
var itepdbuserid = "teps database userid";  
  
var itepdbpass = "teps database password";  
  
var itepschema = "teps schema";  
  
var iwaredbsource = "warehouse source";  
  
var iwaredbuserid = "warehouse userid";  
  
var iwaredbpass = "warehouse password";  
  
var iwareschema = "warehouse schema";  
  
var ipath = ""; // specify the path of the saved files for example "c:/itmdata/"
```

Execution

From Internet Explorer:

C:\IBM\itmsup\itmsup\itmsuper.htm

You'll see your information from iuser.js, make any changes and click login

The screenshot shows the ITMSUPER Tool web interface. The browser address bar displays 'C:\IBM\itmsup\itmsup\itmsuper.htm'. The page title is 'ITMSUPER Tool : Version 06.01.50'. The main content area lists changes for several versions:

- The changes in ITM Super Tool Version 06.01.50 are:**
 - Error Analysis is the first tab that is a one click errors analysis, also finds duplicates and uncontactable
 - SDA Analysis is in the Errors and TEMS
 - Distribution Analysis is quicker/extensive
- The changes in ITM Super Tool Version 06.01.44 are:**
 - There are new buttons to launch tools in background, these buttons use the credentials in iuser.js/itmsuper
 - Quick Distributions Analysis Tool dsc.js
- The changes in ITM Super Tool Version 06.01.41 are:**
 - Output File path specification in iuser.js
 - Event Console Support
 - https Support when 3661 port is used
- The changes in ITM Super Tool Version 06.01.32 are:**
 - Super HUB Support
 - TAUDIT 06.01.41 (batch) included with this tool
- The changes in ITM Super Tool Version 06.01.32 are:**
 - Error Analysis is the first tab that is a one click errors analysis
 - There are new buttons to launch tools in background, these buttons use the credentials in iuser.js/itmsuper
 - Quick Distributions Analysis Tool dsc.js is included with this tool

A 'LOGIN:' dialog box is overlaid on the page, containing the following fields and buttons:

- Userid:
- Password:
- Hub Server:
- SOAP Port:
- Target Filter:
- Buttons: Login, LOGOUT

Click on the tabs with the information requested

The screenshot shows the ITMSUPER Tool interface. The browser address bar displays the URL `C:\IBM\itmsup\itmsup\itmsuper.htm`. The application title is **ITM Super Tool : Version 06.01.50**. The top navigation bar includes tabs for **Launch BATCH TOOLS-->>**, **Taudit for Errors**, **Taudit for Enterprise**, **Taudit for Situation Distributions**, **Taudit for History Missing**, **Taudit for Warehouse**, **TEMS Memory Tracking**, **z CPU Analysis**, and **Agent Contactability**. Below this is a secondary set of tabs: **Errors**, **Topology**, **Connectivity**, **TEMS Servers**, **Exceptions Analysis**, **Distributions**, **Situation/Test**, **Save Session**, **Policy/Test**, **Agents/Response**, **Outages**, **TEPS**, **Stressed/Resources**, **Warehouse**, and **Tivoli Servers**.

The left sidebar, titled **Systems**, lists various system categories:

- 1 Warehouse Systems
 - KATHY-THINK:Warehouse
- 3 TEMS Systems
- 32 MQM Systems
- 4 ZOS-M5 Systems
- 2 Storage-S3 Systems
- 2 MQ_CONFIG Systems
- 1 S&P Systems
- KATHY-THINK:SY
- 1 PERF_ANALYTICS Systems
- KATHY-THINK:PA
- 2 OB Systems
- 1 CF Systems
- SYS::CONFIG

The main content area displays the following information:

The changes in ITM Super Tool Version 06.01.50 are:

- Error Analysis is the first tab that is a one click errors analysis, also finds duplicates and uncontactable
- SDA Analysis is in the Errors and TEMS
- Distribution Analysis is quicker/extensive

The changes in ITM Super Tool Version 06.01.44 are:

- There are new buttons to launch tools in background, these buttons use the credentials in `user.js/itmsuper`
- Quick Distributions Analysis Tool `dsc.js` is included with this tool

The changes in ITM Super Tool Version 06.01.42 are:

- Output File path specification in `user.js`
- Event Console Support
- https Support when 3661 port is used and the ITMSUPER is served by the soapserver. Ask for help , if needed.

The changes in ITM Super Tool Version 06.01.41 are:

- Super HUB Support
- TAUDIT 06.01.41 (batch) included with this tool

The changes in ITM Super Tool Version 06.01.32 are:

- Error Analysis is the first tab that is a one click errors analysis
- There are new buttons to launch tools in background, these buttons use the credentials in `user.js/itmsuper`
- Quick Distributions Analysis Tool `dsc.js` is included with this tool

The bottom of the interface shows a **Tools Index** button.

Errors Tab

- **Will show you error if there are any on your system.**

Errors Tab will show

ITM Super Tool : Version 06.01.50

Launch BATCH TOOLS-->> ▶ Taudit for Errors ▶ Taudit for Enterprise ▶ Taudit for Situation Distributions ▶ Taudit for History Missing ▶ Taudit for Warehouse ▶ TEMS Memory Tracking ▶ z CPU Analysis ▶ Agent Contactability

Errors | Topology | Connectivity | TEMS Servers | Exceptions Analysis | Distributions | Situation/Test | Save Session | Policy/Test | Agents/Response | Outages | TEPS | Stressed/Resources | Warehouse | Tivoli Servers

Systems

- 1 Warehouse Systems
 - KATHY-THINK:Warehouse
- 3 TEMS Systems
- 32 MQM Systems
- 4 ZOS-M5 Systems
- 2 Storage-S3 Systems
- 2 MQ_CONFIG Systems
- 1 S&P Systems
 - KATHY-THINK:SY
 - 1 PERF_ANALYTICS Systems
 - KATHY-THINK:PA
 - 1 CQ Systems
 - KATHY-THINK:TEPS
 - 2 OB Systems
 - 1 CF Systems
 - SYS::CONFIG

These TEMSes are Offline

TEMS Name	Version
FP02:CMS	06.22.01
HTEMS	06.23.00
REMOTE_IBM-6B9AD84A04C06.23.00	
SP22:CMS	06.23.00
SYSG:CMS	06.23.01
S8CMS1	06.23.00

Situation Error Statistics HUB at S8CMS1:CMS

REMOTE_KATHY-THINK, 06.23.02 0.66 Seconds	SP12:CMS, 06.23.02 0.155 Seconds	S8CMS1:CMS, 06.23.02 0.087 Seconds
Error Situations: 0	Error Situations: 3	Error Situations: 0

5 Missing or Orphaned Distributions

Correct the Missing/Orphaned Distributions

LPAR400J:SYS:MVSSYSstestISO
*MVS_SYSTEM testISO
*HUB DB2_Plex_Heartbeat
*MVS_SYSTEM IBMttestrule
*MVS_SYSTEM TestReal

SDA Enablement/Application Versions Comparisons

Applications by Management Servers

Additional Applications . Missing Applications . Application Version Mismatch

tems=REMOTE_KATHY-THINK [06.23.02]	tems=SP12:CMS [06.23.02]
Prod;Ver;ID;Sts	Prod;Ver;ID;Sts
21 Applications	1 Applications
A4;06230200;TMS;0;	HD;06230200;TMS;Y;IC;0;agentnode=KATHY-THINK:Warehouse;thrunode=S8CMS1:CMS;; M
CP;05100000;TMS;0;	HD;06230200;TPS;IC;0;agentnode=KATHY-THINK:Warehouse;thrunode=S8CMS1:CMS;; M

Tools Index

Similar information can be obtained by clicking “Taudit for Errors”

The screenshot displays the ITMSUPER Tool interface. The browser address bar shows the file path: `file:///C:/IBM/itmsup/itmsuper.htm#`. The application title is "ITMSUPER Tool". The main menu includes "Launch BATCH TOOLS-->>" and "Taudit for Errors". The "Taudit for Errors" menu is expanded, showing a list of system categories: Errors, Topology, Connectivity, TEMS Servers, Exceptions Analysis, Distributions, Situation/Test, Save Session, Policy/Test, Agents/Response, Outages, TEPS, Stressed/Resources, Warehouse, and Tivoli Servers. The "Systems" panel on the left lists various system types and counts, such as "3 TEMS Systems", "10 MQM Systems", and "4 ZOS-M5 Systems". The main content area displays a confirmation message: "Your request to Launch TAUDIT for errors has been submitted in the Background" followed by the date and time "Thursday, August 16, 2012 6:38:35 AM". Below this, it states: "This will generate a report, when complete in the directory: C:/IBM/itmsup/itmsup/" and "This process can be tracked in task manager as wscript".

Output will look like the following:

file:///C:/IBM/itmsup/itmsup/S8CMS1CMSERRORS11208160641.htm

IBM Support Portal | Suggested Sites | Web Slice Gallery | Imported From IE | Imported From Firef...

Tivoli Enterprise Platform:Daily Errors Report Version 06.01.50

Thursday, August 16, 2012 6:42:32 AM

Catalog Comparisons

REMOTE_KATHY-THINK 1.571 Seconds V5	SP12:CMS 0.345 Seconds V5	S8CMS1:CMS 0.287 Seconds V5
No of Apps = 62	No of Apps = 17	No of Apps = 31
ABA [351] 10/07/05 15:54:26	DM300[26] Missing	
ABH [347] 10/07/05 15:54:26	K00[18] Missing	
AMA [56] 10/07/05 15:54:26	K01[18] Missing	
AMB [83] 10/07/05 15:54:26	KFA [8] 02/19/12 20:17:00	
AMD [14] 10/07/05 15:54:26	KFW [18] 02/19/12 20:17:00	
AMN [32] 10/07/05 15:54:26	KGW[271] Missing	
AMS [30] 10/07/05 15:54:26	KHD[97] Missing	
AMW [205] 10/07/05 15:54:26	KLZ[905] Missing	
AMX [114] 10/07/05 15:54:26	KNT[1780] Missing	
BIW [31] 10/07/05 15:54:26	KPA[288] Missing	
BIX [50] 10/07/05 15:54:26	KQM [1] 02/19/12 20:17:00	
CTD [405] 10/07/05 15:54:26	KR2[431] Missing	
CTO [524] 10/07/05 15:54:26	KR3[247] Missing	
CTQ [461] 10/07/05 15:54:26	KSY[83] Missing	
CTR [138] 10/07/05 15:54:26	KUL[38] Missing	
CTW [167] 10/07/05 15:54:26	O4SRV [944] 02/19/12 20:17:00	
CTY [176] 10/07/05 15:54:26	OMUNX[933] Missing	
GMS [124] 10/07/05 15:54:26	SYSTEM [85] 02/19/12 20:17:00	
GWA [35] 10/07/05 15:54:26		
GWI [70] 10/07/05 15:54:26		
GWL [145] 10/07/05 15:54:26		
GWP [51] 10/07/05 15:54:26		
IQS [130] 10/07/05 15:54:26		
IQY [227] 10/07/05 15:54:26		
IQZ [152] 10/07/05 15:54:26		
IUD [114] 10/07/05 15:54:26		

Topology Tab

file:///C:/IBM/itmsup/itmsup/itmsuper.htm# ITMSUPER Tool

ITM Super Tool : Version 06.01.50

Launch BATCH TOOLS-->> Taudit for Errors Taudit for Enterprise Taudit for Situation Distributions Taudit for History Missing Taudit for Warehouse TEMS Memory Tracking z CPU Analysis Agent Contactability

Errors **Topology** Connectivity TEMS Servers Exceptions Analysis Distributions Situation/Test Save Session Policy/Test Agents/Response Outages TEPS Stressed/Resources Warehouse Tivoli Servers

Systems

- 3 TEMS Systems
- 10 MQM Systems
- 4 ZOS-M5 Systems
- 2 Storage-S3 Systems
- 1 MQ_CONFIG Systems
 - SP12::RCACFG
- 1 CQ Systems
- KATHY-THINK:TEPS
- 2 OB Systems
- 1 CF Systems
- SYS::CONFIG

Enterprise Topology VERSION 06.01.41(137 Systems.) Thursday, August 16, 2012 Response Time = 0.185 Seconds

Uptime of Agents Licence Compliance

FP02:CMS . EM_V06.22.01
@08/16/12 09:11:57
3 Managed Systems
;9.48.188.194;z/OS~01.10.00

Z19::CONFIG . CF_V07.00.02
@08/16/12 09:11:57;;

Z19::MQIRA . MQ_V07.00.02
@08/16/12 09:11:57;9.48.188.194;z/OS~01.10.00

HTEMS . EM_V06.23.00
@08/16/12 09:11:57
2 Managed Systems
;9.42.46.25;

SP22::RCACFG . MC_V07.01.00
@08/16/12 09:11:57;9.42.46.22;z/OS~01.12.00

REMOTE_IBM-6B9AD84A04C . EM_V06.23.00
@08/16/12 09:11:57

IBM-6B9AD84A04C::CONFIG . CF_V07.01.00
@08/16/12 09:11:57;;

Bad Nodes

Version	Node	Thrunode	Product	Status	Heartbeat	Timestamp	Affinities
---------	------	----------	---------	--------	-----------	-----------	------------

Tools Index

Clicking on the Uptime of Agents Button

ITM Super Tool : Version 06.01.50

Launch BATCH TOOLS-->> Taudit for Errors Taudit for Enterprise Taudit for Situation Distributions Taudit for History Missing Taudit for Warehouse TEMS Memory Tracking z CPU Analysis Agent Contactability

Errors Topology Connectivity TEMS Servers Exceptions Analysis Distributions Situation/Test Save Session Policy/Test Agents/Response Outages TEPS Stressed/Resources Warehouse Tivoli Servers

Systems

- Warehouse Systems
- ▶ -- KATHY-THINK:Warehouse
- + -- 3 TEMS Systems
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- + -- 4 ZOS-M5 Systems
- + -- 2 Storage-S3 Systems
- + -- 2 MQ_CONFIG Systems
- 1 S&P Systems
- ▶ -- KATHY-THINK:SY
- 1 PERF_ANALYTICS Systems
- ▶ -- KATHY-THINK:PA
- + -- 2 OB Systems
- 1 CF Systems
- ▶ -- SYS::CONFIG

Enterprise Topology VERSION 06.01.41(135 Systems.) Tuesday, August 14, 2012 Response Time = 1.017 Seconds

Uptime of Agents Licence Compliance

Enterprise Agent Inventory

REMOTE_KATHY-THINK

Agent Name	Up Since	Local Time Now	Agent Uptime Minutes
SP12:CMS			
Agent Name	Up Since	Local Time Now	Agent Uptime Minutes
LPAR400J:SP12:MVSSYS	08/14/12 08:28:18	08/14/12 19:50:26	682
LPAR400J:SP12:S8HUB1:KOBDR	08/14/12 08:26:14	08/14/12 19:50:26	684
SP12::RCACFG	08/14/12 08:19:52	08/14/12 19:50:26	690
SYSPLEX:SYSPLEX:PLEXVIEW	08/14/12 08:27:12	08/14/12 19:50:26	683
S8CMS1:CMS			
Agent Name	Up Since	Local Time Now	Agent Uptime Minutes
KATHY-THINK:PA	08/14/12 16:13:31	08/14/12 16:50:28	36
KATHY-THINK:SY	08/14/12 11:32:49	08/14/12 16:50:28	317
KATHY-THINK:Warehouse	08/14/12 16:13:17	08/14/12 16:50:28	37
LPAR400J:SYS:MVSSYS	08/14/12 11:39:37	08/14/12 19:50:27	490
LPAR400J:SYS:S8HUBLL:KOBDR	08/14/12 11:40:25	08/14/12 19:50:27	490
SYS::RCACFG	08/14/12 11:37:28	08/14/12 19:50:27	492

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The connectivity tab

ITM Super Tool : Version 06.01.50

Launch BATCH TOOLS-->> Taudit for Errors Taudit for Enterprise Taudit for Situation Distributions Taudit for History Missing Taudit for Warehouse TEMS Memory Tracking z CPU Analysis Agent Contactability

Errors Topology Connectivity TEMS Servers Exceptions Analysis Distributions Situation/Test Save Session Policy/Test Agents/Response Outages TEPS Stressed/Resources Warehouse Tivoli Servers

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Nodelist Compares on Wednesday, August 15, 2012 7:14:05 AM

TEMS = REMOTE_KATHY-THINKTEMS = SP12:CMS TEMS = S8CMS1:CMS

Node Here Thrunode	Node Here Thrunode	Node Here Thrunode

No generic Missing Entries Discovered

Recent Node Switches

Duplicate Agents report

0 Agents responded on REMOTE_KATHY-THINK.
13 Agents responded on SP12:CMS.
28 Agents responded on S8CMS1:CMS.

Uncontactable Agents (Not responsive to time request)

0 Agents online on REMOTE_KATHY-THINK.
6 Agents online on SP12:CMS.
9 Agents online on S8CMS1:CMS.

Connectivity HUB/RTEMS Discrepancies, Analysis Time: 1.192 Seconds

These nodes do not have corresponding nodelist entries

Correct the Nodelist After this button action completes, the HUB recycle is needed to regenerate the missing nodelist entries.

- aixurania:KUX
- kathy-THINKASFSdp:UAGENT00
- zOS:ManagementConsole:PLEXview
- FP02:CMS
- HTEMS
- IBM-6B9AD84A04C::CONFIG

Agent Counts , Analysis Time:0.86 Seconds

Connectivity Status at each TEMS , Analysis Time :0.836 Seconds

REMOTE_KATHY-THINK	SP12:CMS	S8CMS1:CMS
0.595 Seconds	0.087 Seconds	0.138 Seconds
	08/14/12 08:19:39 .N. SP12::CONFIG	08/15/12 08:58:39 .N. aixurania:KUX
		08/15/12 08:58:39 .N. kathy-THINKASFSdp:UAGENT00

Tools Index

The TEMS server analysis tab

Launch BATCH TOOLS-->> ▸ [Taudit for Errors](#) ▸ [Taudit for Enterprise](#) ▸ [Taudit for Situation Distributions](#) ▸ [Taudit for History Missing](#) ▸ [Taudit for Warehouse](#) ▸ [TEMS Memory Tracking](#) ▸ [z CPU Analysis](#) ▸ [Agent Contactability](#)

Errors Topology Connectivity TEMS Servers Exceptions Analysis Distributions Situation/Test Save Session Policy/Test Agents/Response Outages TEPS Stressed/Resources Warehouse Tivoli Servers

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- 1 PERF_ANALYTICS Systems
- KATHY-THINK:PA
- 1 CQ Systems
- KATHY-THINK:TEPS
- 2 OB Systems
- 1 CF Systems
- SY::CONFIG

SDA Enablement/Application Versions Comparisons

Applications by Management Servers
 Additional Applications . Missing Applications . Application Version Mismatch

tems=REMOTE_KATHY-THINK [06.23.02] tems=SP12:CMS [06.23.02] tems=S8CMS1:CMS [06.23.02]

Prod;Ver;ID;Sts	Prod;Ver;ID;Sts	Prod;Ver;ID;Sts
0 Applications	0 Applications	0 Applications

Catalog Comparisons

TEMS Statistics HUB at S8CMS1:CMS

zOS High CPU Usage Statistics (0.074 Seconds)

zOS TEMS Usage Statistics (0.074 Seconds)

zOS AGENT Usage Statistics (0.076 Seconds)

zOS M2 Collector Usage Statistics (0.079 Seconds)

zOS CNDL Usage Statistics (0.077 Seconds)

REMOTE_KATHY-THINK, 06.23.02	0.073 Seconds	SP12:CMS, 06.23.02	0.074 Seconds	S8CMS1:CMS, 06.23.02	0.074 Seconds
Total Uptime:	undefined Hours	Total Uptime:	undefined Hours	Total Uptime:	undefined Hours
Call Count:	0	Call Count:	0	Call Count:	0
Call Rate:	NaN /Sec	Call Rate:	NaN /Sec	Call Rate:	NaN /Sec

Situation Statistics HUB at S8CMS1:CMS

REMOTE_KATHY-THINK, 06.23.02	0.072 Seconds	SP12:CMS, 06.23.02	0.074 Seconds	S8CMS1:CMS, 06.23.02	0.072 Seconds
Raised Situations:	0	Raised Situations:	0	Raised Situations:	0
Error Situations:	0	Error Situations:	0	Error Situations:	0

Situation Changes by TEMS (latest to earliest order)

Up for:undefined REMOTE_KATHY-THINK		Up for:undefined SP12:CMS		Up for:undefined S8CMS1:CMS	
Date changed	Situation	Date changed	Situation	Date changed	Situation

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Exception Analysis tab

Launch BATCH TOOLS-->> ▶ Taudit for Errors ▶ Taudit for Enterprise ▶ Taudit for Situation Distributions ▶ Taudit for History Missing ▶ Taudit for Warehouse ▶ TEMS Memory Tracking ▶ z CPU Analysis ▶ Agent Contactability

Errors Topology Connectivity TEMS Servers **Exceptions Analysis** Distributions Situation/Test Save Session Policy/Test Agents/Response Outages TEPS Stressed/Resources Warehouse Tivoli Servers

Systems

- 1 Warehouse Systems
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- 2 MQ_CONFIG Systems
- 1 S&P Systems
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- 1 PERF_ANALYTICS Systems
- KATHY-THINK:PA
- 1 CQ Systems
- KATHY-THINK:TEPS
- 2 OB Systems
- 1 CF Systems
- SYS::CONFIG

Enterprise Situations Statistics

Total No. of distributions = 704
Total No. of Autostarted Situations = 70

Never Fired Situations

- KHD_Error_Fatal
- KM5_Weak_Plex_DASD_Filter_Warn
- NT_AMS_Alert_Critical
- NT_Invalid_Logon_Attempt
- NT_Paging_File_Critical
- NT_Paging_File_Warning
- NT_Physical_Disk_Busy_Warning
- NT_Process_CPU_Warning
- NT_System_File_Critical

Situations TEMS Load Analysis

REMOTE_KATHY-THINK	SP12:CMS	S8CMS1:CMS
--------------------	----------	------------

Enterprise Situation Status

Time	Situation	Managed System	Item
08/15/12 11:31:26	KM5_No_Sysplex_DASD_Filter_Warn	LPAR400J:MVS:SYSPLEX	
08/15/12 11:42:26	MS_Offline	KATHY-THINK:TEPS	
08/15/12 11:42:26	MS_Offline	KATHY-THINK:Warehouse	
08/15/12 11:42:26	MS_Offline	LPAR400J:MVS:SYSPLEX	
08/15/12 11:42:26	MS_Offline	LPAR400J:SYS:MVSSYS	
08/15/12 11:42:26	MS_Offline	LPAR400J:SYS:S8AGT1:KOBDR	
08/15/12 11:42:26	MS_Offline	LPAR400J:SYS:S8HUBLL:KOBDR	

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Distributions tab

ITM Super Tool : Version 06.01.50

Launch BATCH TOOLS-->> ▶ Taudit for Errors ▶ Taudit for Enterprise ▶ Taudit for Situation Distributions ▶ Taudit for History Missing ▶ Taudit for Warehouse ▶ TEMS Memory Tracking ▶ z CPU Analysis ▶ Agent Contactability

Errors Topology Connectivity TEMS Servers Exceptions Analysis **Distributions** Situation/Test Save Session Policy/Test Agents/Response Outages TEPS Stressed/Resources Warehouse Tivoli Servers

Systems

- + -- 3 TEMS Systems
- + -- 10 MQM Systems
- + -- 4 ZOS-M5 Systems
- + -- 2 Storage-S3 Systems
- ▶ -- 1 MQ_CONFIG Systems
- ▶ -- SP12::RCACFG
- ▶ -- 1 CQ Systems
- ▶ -- KATHY-THINK:TEPS
- + -- 2 OB Systems
- ▶ -- 1 CF Systems
- ▶ -- SYS::CONFIG

Numbers of Situations by Type

Not Started Situations	2
History/Enterprise Situations	2144
Auto started Situations	140

Managed Systems Lists

- *AGGREGATION_AND_PRUNING
- *ALL_CMS
- *MVS_MQM
- *TEPS
- *WAREHOUSE_PROXY

Numbers of Policies by Type

Not Started Policies	285
Auto started Policies	13

5 Missing or Orphaned Distributions

Correct the Missing/Orphaned Distributions

LPAR400J:SYS:MVSSYS:stestISO
*MVS_SYSTEM testISO
*HUB DB2_Plex_Heartbeat
*MVS_SYSTEM IBMtestrule
*MVS_SYSTEM TestReal

Distributions by TEMS =SP12:CMS, VERSION = 06.23.02, for Online Agents and Autostarted Situations

Distributions = 0 .

LPAR400J:MVS:SYSPLEX	0 Situations
05.10.00:M5	
Parent =SP12:CMS	
LPAR400J:SP12:MVSSYS	0 Situations
05.10.00:M5	
Parent =SP12:CMS	
LPAR400J:SP12:S8HUB1:KOBDR	0 Situations
07.00.00:OB	
Parent =SP12:CMS	

Tools Index

Click on managed system from left panel

ITMSUPER Tool

ITM Super Tool : Version 06.01.41

Launch BATCH TOOLS-->> Taudit for Errors Taudit for Enterprise Taudit for Situation Distributions Taudit for History Missing Taudit for Warehouse TEMS Memory Tracking z CPU Analysis Agent Contactability

Errors Topology Connectivity TEMS Servers Exceptions Analysis Distributions Situation/Test Policy/Test Agents/Response Outages TEPS Stressed/Resources Warehouse Tivoli Servers Save Session

Situations assigned to the Agent : MQ53:SYS:MQESA.

Autostarted Situations

Not Started Situations

Cost of Started Situations at the Agent : MQ53:SYS:MQESA at S8CMS1:CMS

Situation	Table	Rows	Columns	Sample Cost	Interval	Rows Processed	Every hour	Situation Cost/hour
UADVISOR_KM5_VCF_CACHE	KM5.CF_CACHE	54	1	1.07	0530	589		58.36
UADVISOR_KM5_VCF_CLIENT	KM5.CF_CLIENT	305	1	0	0530	3327		0
UADVISOR_KM5_VCF_LIST	KM5.CF_LIST	110	1	0	0530	1200		0
UADVISOR_KM5_VCF_PATHS	KM5.CF_PATHS	28	1	0	0530	305		0
UADVISOR_KM5_VCF_STRMVS	KM5.CF_STR_MVS	164	1	0	0530	1789		0
UADVISOR_KM5_VCF_SYSTEM	KM5.CF_SYSTEM	2	1	0.01	0530	21		0.54
UADVISOR_KM5_VGRS_TABLE	KM5.GRS_TABLE	1	1	0	0135	37		0
UADVISOR_KM5_VXCF_MEMBER	KM5.XCF_MEMBER	1066	1	0	0525	11808		0
UADVISOR_KM5_VXCF_PATH	KM5.XCF_PATH	102	1	0	0525	1129		0
UADVISOR_KM5_VXCF_SSTAT	KM5.XCF_SSTAT	35	1	0	0525	387		0
UADVISOR_KM5_VXCF_SYSTM	KM5.XCF_SYSTM	9	1	0.01	0525	99		0.55

Total cost of running the situations at the agent = 59 in seconds/hour , for rows processed = 20691 rows per hour
This works out to be approximately 1.65 % Utilization

Catalog Comparisons

REMOTE_KATHY-THINK 1.614 Seconds VS		SP12:CMS 3.523 Seconds VS		S8CMS1:CMS 0.271 Seconds VS	
No of Apps		No of Apps		No of Apps	
ABA [351]	10/07/05 15:54:26	DM300[26]	Missing		
ABH [347]	10/07/05 15:54:26	K00[18]	Missing		
AMA [56]	10/07/05 15:54:26	K01[18]	Missing		
AMB [83]	10/07/05 15:54:26	KFA [8]	02/19/12 20:17:00		
AMD [14]	10/07/05 15:54:26	KFW [18]	02/19/12 20:17:00		
AMN [32]	10/07/05 15:54:26	KGW[271]	Missing		
AMS [30]	10/07/05 15:54:26	KHD[97]	Missing		
AMW [205]	10/07/05 15:54:26	KLZ[905]	Missing		
AMX [114]	10/07/05 15:54:26	KNT[1780]	Missing		
BIW [31]	10/07/05 15:54:26	KPA[288]	Missing		
BIX [50]	10/07/05 15:54:26	KQM [1]	02/19/12 20:17:00		
CTD [405]	10/07/05 15:54:26	KR2[431]	Missing		
CTO [524]	10/07/05 15:54:26	KR3[247]	Missing		
CTQ [461]	10/07/05 15:54:26	KSY[83]	Missing		
CTR [138]	10/07/05 15:54:26	KUL[38]	Missing		

Systems

- Warehouse Systems
- KATHY-THINK:Warehouse
- 3 TEMS Systems
 - REMOTE_KATHY-THINK
 - SP12:CMS
 - S8CMS1:CMS
- 34 MQM Systems
 - JSG1:SYS:MQESA
 - JSG2:SYS:MQESA
 - MQMH:SYS:MQESA
 - MQ53:SYS:MQESA
 - MT53:SYS:MQESA
 - M70A:SYS:MQESA
 - M71A:SYS:MQESA
 - PMQ8:SYS:MQESA
 - Q561:SYS:MQESA
 - Q562:SYS:MQESA
 - Q563:SYS:MQESA
 - Q6C1:SP12:MQESA
 - Q6C2:SP12:MQESA
 - Q6C3:SP12:MQESA
 - Q6C4:SP12:MQESA
 - Q661:SYS:MQESA
 - Q662:SYS:MQESA
 - Q663:SYS:MQESA
 - Q664:SYS:MQESA
 - Q665:SYS:MQESA
 - Q666:SYS:MQESA
 - Q6P2:SP12:MQESA
 - Q7C1:SP12:MQESA
 - Q7C2:SP12:MQESA
 - Q7C3:SP12:MQESA
 - Q7C4:SP12:MQESA
 - Q7G1:SYS:MQESA
 - Q7G2:SYS:MQESA
 - Q7G3:SYS:MQESA
 - Q7G4:SYS:MQESA
 - Q7G5:SYS:MQESA
 - Q7G6:SYS:MQESA
 - SP12:MQIRA
 - SYS:MQIRA
- 4 ZOS-M5 Systems
 - LPAR400:MVS:SYSPLEX
 - LPAR400:SP12:MVSSYS
 - LPAR400:SYS:MVSSYS
 - SYSPLEX:SYSPLEX:PLEXVIEW
- 2 Storage-53 Systems
- 2 MQ_CONFIG Systems
 - S8P Systems
 - KATHY-THINK:SY
 - CQ Systems
 - KATHY-THINK:TEPS
- 2 OB Systems
- 1 CF Systems
 - SYS::CONFIG

Tools Index

Questions?

- Please let me know if you have any issues with ITMSUPER / TAUDIT
- Please forward any enhancement requests to me: ktakemur@us.ibm.com or Arun Desai desaia@us.ibm.com.