Creating ISM 2.4-like Queries in TEP

You can use the workspace Find command to search for the status entry of a particular monitor by IP address or hostname. This approach works only if the table comprises a single page, since the Find command only searches the first page of the workspace. To search the entire multi-page table, change the workspace properties to 'Return all rows'.

See Using the workspace Find function http://www-01.ibm.com/support/docview.wss?uid=swg21593424

If you want to generate a list of the matching ISM elements that would be similar to how 2.4 displayed the search result, you will need to create a new TEP query that filters the results based on the search criteria.

The process for doing this is a little more complicated than using the workspace Find command, but it involves doing the following:

1) First, we show you how to create a custom query at the ISM agent level for a single agent workspace.

2) Then, we show you how to create a custom global query at the AMC (Application Management Console) level.

Contents

ISM Workspace Query.....2 Global Queries.....7

ISM Workspace Query

1) Add a new table to the workspace to hold the results. This is easiest to do by splitting a table currently containing the result data you want to search. There are two icons in the title bar of the table that will split vertically or horizontally.



2) Open the properties dialog of the new table so the query can be modified.

Note: You could set the workspace to return all rows. However, with the filtering in place, it should be a much lower number of rows. Consequently, the workspace would not require this setting.

📃 HTTP/S -	localhost - SYSAD	MIN *ADMIN MO	DDE*	_ 8 ×
<u>File</u> Edit y	⊻iew <u>H</u> elp			
1 🖓 🔹 1			🔤 🖬 🔮 🛡 🔁 1.1 🧶 🖓 🔜 🔌 ⊗ 🌆 🎬 🏯 🕑 🔂 🛄 🔁 🖬 🖓 🛄 🦝 🖬	
😪 Navigato	💻 Properties - H1	TP/S		≤ ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ±
3 I	Monitor Status		Preview	▼ Q
HTTP/S Profil HTTP/S C Profil Httst J Httst	Table	fiews Table Views HTTP/S HTTP/S	HTTP/S Profile Service Host Description ServiceLevelString test HTTP 192.168.61.212 HTTP 192.168.61.212 element. Bad statust test HTTP 192.168.61.123 HTTP 192.168.61.212 element. Bad statust test HTTP somehiost HTTP 192.168.61.123 element. Bad statust test HTTP somehiost HTTP somehiost element. Bad statust Image: Im	Open the Properties Dialog Open the Properties Dialog Calculation A Description Calculation Calculation
			View-level Page Size Image: Use default 100 rows will be returned as a page Return all rows Number of rows to return:	rrrent. Bau Sta
			QK Cancel Apply Test Help	
4				<u>)</u>
	٩	Hub Time: Fri, 05/	04/2012 12:51 PM Server Available HTTP/S - localhost - SYSADMIN	*ADMIN MODE*
🏄 Start 🛛	9 🥭 📋 🔤	Start STAF 3.3.3	🛛 🔯 C:\ibm\ITM\TMAITM 🛛 💫 Control Center - DB 🛛 🖉 Manage Tivoli Enter 🛛 🛄 HTTP/5 - Iocalho 🖓 knt. sql (C	:\ibm\ITM\ 🆓 Services 💿

HTTP/5 - localhost - 5	YSADMIN *ADMIN MODE*	_ @ ×
Elle Ealt View Help	┓ 27 🗞 🗷 🗳 ち 🗳 🗘 🛱 🕘 → 🖽 🔌 30 🕾 😂 😷 🖬 🗊 🖬 🖬 🖉 2 3 7 9 1 1	5
😪 Navigator		± □ ⊟
3 1	💻 Query Editor	
Application Configu Playbac Playbac	Description Description Description: Pagentless HP-UX OS Pagentless HP-UX OS Pagentless Vintovos OS Pagentless	MonitorLocation
	Hub Time: Fri, 05/04/2012 01:06 PM Server Available HTTP/S - localhost - SYSADMIN *ADMIN MODE	*
w start	🔤 Start STAF 3.3.3 🔄 🛀 C: Jom(LIM) MALIM] 🏠 Control Center - DS 📓 Manage Tivoli Enter 🔤 HTTP/S - localho (@ knt.sql (C:Ubm(LTM) 🦉	g bervices

3) Create a copy the current query to use as a base for creating the filtering results.

4) Add filtering criteria in the specification section. You should add a filter to the Host column to search for the IP. The default setting is to search for results matching the exact string. Note that you can change the operator to a substring scan if you want to match a group of results.

Also see Filtering a query-based view

http://publib.boulder.ibm.com/infocenter/tivihelp/v30r1/index.jsp?topic=%2Fcom.ibm.itm.doc_6.2.2fp2% 2Fview_filtering_tep.htm

🧕 HTTP/5 - localhost - SYSADM	IIN *ADMIN MODE*		_ 8 ×
<u>F</u> ile <u>E</u> dit <u>V</u> iew <u>H</u> elp			
🖓 🏈 • 🌣 + 🔽 🖥 📓	9 🕑 😵 🖬 🖬 🍒 🕙 🖽		5
😪 Navigator			
💮 📝 📃 🛄 Que	ery Editor	X	• 9
Application Configu Playbac Playbac	Ueries Agentiess AbX OS Agentiess HP-UX OS Agentiess HP-UX OS Agentiess Solaris OS Agentiess Vindows OS Agentiess Windows OS Application Management Cor Application Management Cor Client Response Time Client Response Time Clients Solor IBM Tivoli Monitoring 5.x Endr, Internet Service Availability Ass Internet Service Monitors Internet Service Monitors KIS DNS KIS FTP KIS DNS KIS FTP KIS CMP KIS MAP KIS MONITOR STATUS KIS MAP K	Description: HTTP Monitor Deta Source: TEMS HUB_VICVIPER ip.pipe#192.168.61.234[1918] Last Modified Last Modified Last Modified by: SYSADMIN Specification Specification Specification Specification Set the filtering search results Add attributes Advanced QK Cancel Help	Constraints
🖉 Start 🗍 🕑 🎯 🗍 🔤 Sta	art STAF 3.3.3	TM 📸 Control Center - DB 📓 Manage Tivoli Enter 🥥 HTTP/5 - localho 🕼 knt.sql (C:\lbm\ITM\ 🖄	Services

5) Save the changes.

After you close the query selection window, note that the Preview panel at the top of the properties pane will show what the filtered results will look like. This should give you a hint that the query is working or not.

📕 Н	TTP/S -	localhost	- Sysadmin *Ad	DMIN MODE*					_ 8 ×
File	File Edit View Help								
101	> •) - C		📚 🖸 🖬 🗐 🖁 🖉 🛱 🗍	🥥 🖑 🖽 🗞	🌆 🖀 🗃 🕑 i	1 🗇 🗖 🖻 🗹	9 🖗 📕 🖪 🚓 🖬 🚮 🛱 🥮	5
🕞 Na	vigator	8							\$ □ ⊟
3ª [3				View	Physical			• Q
	Application Management Console Quantification Management Console Quantification Management Console Quantification Playback Status Playback Status Robotic Scripts Applications - IBMDB2 - IBMDB2.vicviper:KT3A Playback Status Quantifications - IBMDB2 - IBMDB2.vicviper:KT3A Playback Status Playback Statu								
1-0	± 0	9 Summa	rization and Prunin	ig Agent					
021	Physica	<u> </u>			6				
🔲 нт	TP/S				/ 1 0 8 0 ×	HTTP/S			
3	2				11 III	BQ			
	Profile	Service	Host	Description	ServiceLevelString	Node	Timestamp	guid	MonitorLocatior
Ø	test	HTTP	192.168.61.212	HTTP 192.168.61.212 element.	Bad	sta VICVIPER:IS	05/04/12 12:54:21	vicviper_guicli_1336105425718_302	89_7926 vicviper
P	test	HTTP	192.168.61.123	HTTP 192.168.61.123 element.	Bad	sta			
	4					► 4	Filtered results		
			🕒 Hub Time	: Fri, 05/04/2012 12:56 PM	🕓 Server Avai	lable	HTTP/	- Iou HTTP/S - Iocalhost - SYSADMIN	
🦺 Sta	art [9 🙇	Start STAF	3.3.3 C:\ibm\ITM\TMAITM	. Control Center - DB	Manage Tivoli	Enter	- localho Children (C:\ibm\ITM\	Services

Global Queries

If you want to search across multiple agents, you will need to use the AMC (Application Management Console).

Create a custom query using the Application Management Console > Internet Services -> AMC Internet Service Element > AMC Internet Service Element table as the base. You should be able to apply the same filtering approach to create the custom query. The attached screenshot shows the query selection.

Internet Services Monitoring - localhost - S File Edit Manual Itale	YSADMIN *ADMIN MODE*	<u> </u>
	🔤 🔊 👌 😶 🖽 📋 🥥 🖓 🖼 🔌 🥝	Lu 🖄 😂 🕶 🔲 🗒 😨 🐨 🖉 🗷 🐨 🐨 🐨 🐨
😪 Navigator 🏦 🔟	Data Timespan Information	
View: Physical	Ronnetice Tokenat Consister Manikasian	
	encor	×
Enterprise Linux Systems UNIX Systems UNIX Systems Internet Service Monitors Host Statistics Profile Statistics Windows System Windows System VICVIPER VICVIPER Onfiguration Playback Status Robotic Scripts Applications - IBMDB2 - IBMD Internet Services Onfiguration Playback Status Robotic Scripts MAIL - MAIL-winter K13S; MAIL - MAIL-winter K13S; MAIL - MAIL-winter K13S; MAIL - MAIL-winter K13S; Monitor Status SoapTest - SoapTestvice Monitor Status Profile Statistics Monitor Status Profile Statistics Webservers - webservers: Monitor Status Profile Statistics Monitor Status Profile Statistics Wontor Status Profile Statistics Warehouse Proxy Summarization and Pruning Ager	Agentiess Windows US Application Management Console Applications Or Applications Or Applications Or Client Response Time Or Clients Or Profile Host Service Element Or Or Client Host Service Or Or Client Or Or	Description Description: Internet Services Monitoring Profile Host Service Element Data Source: TEMS HUB_VICVIPER ip.pipe#192.168.61.234[1918] Last Modified Last Modified on: Sun, 05/15/2011 01:01 AM Last Modified by: BM Specification Query Results Source Base query to copy. ISM Search is the copy I created Image: Another information of the base query to copy. ISM Search is the copy I created Image: Another information of the base query to copy. ISM Search is the copy I created Image: Another information of the base query to copy. ISM Search is the copy I created Image: Another information of the base query to copy. ISM Search is the copy I created Image: Another information of the base query to copy. ISM Search is the copy I created Image: Another information of the base query to copy. ISM Search is the copy I created Image: Another information of the base query to copy. ISM Search is the copy I created Image: Another information of the base query to copy. ISM Search is the copy I created Image: Another information of the base query to copy. ISM Search is the copy I created Image: Another information of the base query to copy. Image: Another information of the base query to copy. Image: Another informating the base query to copy. Image: Another i
Physical -		, b
🕒 Hub Time: Mon, 05/07	/2012 09:30 AM Server Available	Internet Services Monitoring - localhost - SYSADMIN *ADMIN MODE*
🟄 Start 🗍 🚱 🦽 🛛 🔤 Start STAF 3.3.3	C:\ibm\ITM\TMAITM 🔒 Control Center - DB	🛛 📱 Manage Tivoli Enter 📄 Internet Services 🛛 🎲 knt. sql (C:\jbm\[ITM\ 🖓 Services