

Composite Monitor

ADVANTAGES

The Composite Monitor provides many advantages, including:

- **Comprehensive Coverage** – Measures key health indicators available for a Composite data virtualization environment including status on servers, clients, data sources, and requests.
- **Real Time** – Obtain visibility into the current run-time environment and respond immediately if processes slow down or operations fail.
- **Native Integration with Composite** – Designed specifically for a Composite Information Server based environment. No additional systems integration or custom set up required.

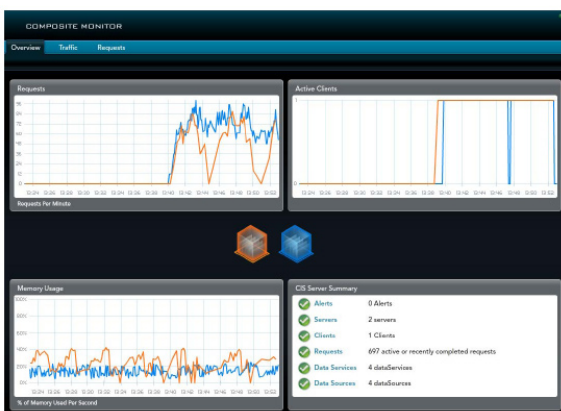
As data virtualization deployments grow in complexity and become more mission critical, enterprises need proper tools to ensure reliable operations and agreed service levels. Overseeing an environment with a single or multiple Composite Information Servers requires more than just a simple administration console designed for a single server environment. At the same time, pervasive general-purpose systems management tools alone may not be able to show the Composite-specific request activity and usage data to provide the details needed to monitor and manage Composite environments.

PRODUCT

Composite Monitor provides a comprehensive, real-time view of your Composite Data Virtualization Platform environment. Whether the environment is a single Composite Information Server or a cluster of instances, Monitor displays all the pertinent system health indicators necessary to assess current conditions. If processes slow down or operations fail, your IT operations staff can use these insights to guide the actions required to maintain agreed service levels.

FEATURES

- **Intuitive Displays** – Graphical displays are easy to read and interpret. You can quickly assess the state of a data virtualization environment by clicking through a few intuitive displays.
- **Traffic Flow** – See real-time data traffic flow to identify congestions and road blocks.
- **Trouble Shooting** – View recent history of activities to diagnose outages and suboptimal operations.
- **Integration with Composite Manager** – Connect with Manager, Composite's single instance systems management dashboard, to view request details.



Overview Screen

METRICS

Using Composite Monitor, operation managers get detailed visibility into the following views and indicators:

Sessions

- Active Composite Clients
- Active Session Count
- Total Session Count

Requests

- Active Composite Requests
- Active Request Count
- Total Request Count
- Waiting Request Count

Data Source Requests

- Active Data Source Request Count
- Total Data Source Request Count

Transactions

- Transactions Active Count
- Transactions Failed During Commit Count
- Transactions Rolled Back Count
- Total Transaction Count

Triggers

- Total Trigger Failures
- Total Trigger Count

Memory

- Current Memory Utilization by Composite
- Current Managed Memory Usage
- Available Managed Memory
- Percent of Memory to Manage
- Unmanaged (Reserved) Memory

Repository

- Privilege Cache Access Count
- Privilege Cache Hit Count
- Privilege Cache Max Size
- Privilege Cache Size
- Resource Cache Access Count
- Resource Cache Hit Count
- Resource Cache Max Size
- Resource Cache Size
- User Cache Access Count
- User Cache Hit Count
- User Cache Max Size
- User Cache Size



Client Screen

Request Search Criteria

Server: [Dropdown] Status: [Dropdown] Start Time: [Before] [Enter Time in HH:MM:SS] [Reset]

Owner: [Text] Duration: [Dropdown] [Ms] [Search]

Description: [Text]

Status	Server	ID	Parent	Owner	Start	End	Duration	Rows	Max Memory	Description
SUCCESS	hrize.compo	27567		jrn	13:40:03	13:40:03	0.172	1	1.00 MB	SELECT parameters, cacheKey, status, CAST(status AS TIMESTAMP)
SUCCESS	hrize.compo	27569		jrn	13:40:04	13:40:04	0.000	1	1.00 MB	SELECT parameters, cacheKey, status, CAST(status AS TIMESTAMP)
SUCCESS	hrize.compo	27576		jrn	13:40:07	13:40:07	0.031	1	1.00 MB	SELECT parameters, cacheKey, status, CAST(status AS TIMESTAMP)
SUCCESS	hrize.compo	27577		jrn	13:40:07	13:40:07	0.000	1	1.00 MB	SELECT parameters, cacheKey, status, CAST(status AS TIMESTAMP)
SUCCESS	hrize.compo	27581		jrn	13:40:09	13:40:09	0.032	1	1.00 MB	SELECT parameters, cacheKey, status, CAST(status AS TIMESTAMP)
SUCCESS	hrize.compo	27582		jrn	13:40:09	13:40:09	0.000	1	1.00 MB	SELECT parameters, cacheKey, status, CAST(status AS TIMESTAMP)
TOP_TIME	hrize.compo	27571	27570	jrn	13:40:05	13:40:10	5.250	-1	524.28 KB	CALL hrize.compo.productCatalog_Transformer()
TOP_TIME	hrize.compo	27579	27578	jrn	13:40:07	13:40:11	3.750	-1	524.28 KB	CALL hrize.compo.productCatalog_Transformer()
TOP_TIME	hrize.compo	27568	27566	jrn	13:40:03	13:40:11	7.856	-1	524.28 KB	CALL hrize.compo.productCatalog_Transformer()
TOP_TIME	hrize.compo	27570		jrn	13:40:04	13:40:11	6.623	221	2.58 MB	select * from CompositeView
TOP_TIME	hrize.compo	27566		jrn	13:40:02	13:40:12	9.922	221	2.58 MB	select * from CompositeView
TOP_TIME	hrize.compo	27578		jrn	13:40:07	13:40:12	4.859	221	2.58 MB	select * from CompositeView
SUCCESS	hrize.compo	27619		jrn	13:40:31	13:40:31	0.016	1	1.00 MB	SELECT parameters, cacheKey, status, CAST(status AS TIMESTAMP)
SUCCESS	hrize.compo	27621		jrn	13:40:31	13:40:31	0.016	1	1.00 MB	SELECT parameters, cacheKey, status, CAST(status AS TIMESTAMP)
SUCCESS	hrize.compo	27622	27618	jrn	13:40:31	13:40:31	0.043	-1	524.28 KB	CALL hrize.compo.productCatalog_Transformer()
SUCCESS	hrize.compo	27618		jrn	13:40:31	13:40:31	0.156	8	2.58 MB	select * from CompositeView

Requests Screen

SPECIFICATIONS

COMPOSITE INFORMATION SERVER

- Version 5.2 or higher

PLATFORMS

- Client for Composite Studio
 - Microsoft Windows 2000, 2003, XP, Vista, 2008, Win 7
- Server
 - IBM AIX 5.3x
 - HP-UX B 11.11x
 - Red Hat Enterprise Linux AS 3 32bit, 4x, 5x, 6x
 - Sun Solaris 9x
 - SUSE Linux Enterprise Server 9.3 32bit, 10x, 11x
 - Microsoft Windows 2000, 2003, 2008, Vista Business Edition, XP, Win 7
- JVMs
 - 32-bit, 64-bit