

Performance Monitor

Intellicus Enterprise Reporting and BI Platform



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Acknowledgements

Intellicus acknowledges using of third-party libraries to extend support to the functionalities that they provide.

For details, visit: <u>http://www.intellicus.com/acknowledgements.htm</u> .

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Performance Monitor

Performance Monitor displays status of processes that are critical to Intellicus' performance.

Click Navigation > Administration > Monitor > Performance Monitor tab to open **Performance Monitor** page.

Administration > /	Monitor > Performance Monitor			(?)		
Performance Monitor A Seport Servers • 127.0.0.1:45450	Refresh All Auto Refresh in 30 secs			Queue Info Connections	s Re		
	Thread Pools						
	Reports (Run Report, Export, Saved Report View etc.) Min, Allowed		Services (Login, Report Listing, Adm Min, Allowed	ninistrative Actions etc.)			
	Max. Used			Max. Used			
	100%	Max Allowed	20%	80% Max	c All		
	Dashboards (Report Viewing on Dashboards) Min. Allowed	Place Allowed	Scheduled Jobs (Scheduled Report Min. Allowed	Execution and Delivery)			
	100%		Vax. Used	100%			
	Ô	Max. Allowed	0	Max	c. Al		
	Currently Used Available in Pool						
	 Memory Utilization 	\$	Report Server System Info				
	<mark>6.84'</mark> 93.16%		JRE	1.5.0_15(32 bit) Windows XP 5 1			
	ō	Total Memory	Next Audit Log Purging at	2/6/2010 16:28:48			
	Currently Used Available		Next Cache Purging at	1/7/2010 16:58:48			
	Request Queues						
	Type Status(By Priority)						
	(jpo Status(b) (hony)						

Figure 1: Performance Monitor page

Refresh All

Click **Refresh All** button to refresh all the information on Performance Monitor page.

Performance Monitor also auto-refreshes at a set time interval. This is set on Portal configuration page.

Queue Info

Click Queues Info link to jump to Queues Info tab of Performance monitor.

Connections

Click **Connection** link to jump to **Connection Pool** tab of Performance monitor.

Requests

Click **Request** link to jump to **Request level info** tab of Performance monitor.

The list of IPs on the left of the page, are the Intellicus Report server(s) and cluster servers currently configured through Load balancer. Click the server IP to get the details on right side of the page.

Refresh buttons 🖄

All the tabs have Refresh button on tab header. Click 🖄 button to refresh information on respective tab.

Threads Pool

▼ Threads Pool				¢
▶ Execution Thread		► Servio	ce Thread	
Min. Allowed Max. Used			Min. Allowed	
	100%	209	6 80%	
0 Currently Used Available Pool	Max, Allowed	Ō	Minimum Allowed : 1 Currently Used : 1 Maximun Used : 3 Maximun Allowed : 5	Max. Allowed

Figure 2: Threads pool tab

Minimum Allowed: A marker on the indicator marking minimum number of threads that will be used.

Even if a value that is lower than allowed is set, Report Server WILL use a set minimum number of threads, which is generally 1.

Max Used: A marker on the indicator marking the maximum number of threads used after Intellicus server was started.

Max Allowed: A marker on the indicator marking maximum number of threads that can be used. This number is controlled by license.

Execution Thread

These are report execution threads. These are used when a report run request is served. One thread will be used each time a report is run.

Service Thread

These are the threads that are used for communication between Intellicus server and clients.

Dashboard Thread

These report execution are used when a report run request coming from dashboard is served. One thread will be used for each of such request.

Scheduler Thread

These report execution are used when a report run request coming from dashboard is served. One thread will be used for each of such requests.

Memory utilization

Memory Utilization		¢
44.78%	55.22%	
0 Currently Used Available Pool	Currently Used : 56.7 MB Total Memory : 126.63 MB	otal Memory

Figure 3: Tab of memory utilization

Indicates the RAM utilized on Report Server.

Report Server System Info

▼ Report Server System Info	Disk Cleanup
JRE: 1.4.2_05 OS: Windows 2000 5.0 Swap Disk Space: 0KB of 0KB	Next Audit Log Purging at 4/21/2007 20:2:3 Next Cache Purging at 3/22/2007 20:32
Currently Used 📕 Available Pool	

Figure 4: Report Server System info tab

Provides version of JRE installed on Report Server, name and version details of OS running on Report Server, time for next audit log purge and next cache purge.

Queues Info

Maximum number of threads that can be executed is limited by set properties and license. If the number of threads are less than or equal to the maximum number, they are executed. All additional threads are queued.





Information about following queues are displayed:

- **Pending:** Number of pending requests in the main pending queue.
- **Execution:** Number of pending requests in Execution queue.
- Scheduler: Number of pending requests in Scheduler queue.
- Services: Number of pending services threads.
- **Dashboard:** Number of pending requests in Dashboard queue.

Connection Pool

 Connection 	Pool							¢
Name	Database User	Pool Status		Metad	lata Ca	ache Sta	itus	
				=	600	≣ s	2	
Connection3 scott		Initial Size Maximum Used	83 3306					
		0	Max. Allowed					
		Initi Maximum Used	al Size	• •	_	_	_	
ReportDB	sa	50%	50%				•	
		ō	Max. Allowed					
		Initi Maximum Used	al Size					
RepositoryDB	sa	50%	50%				•	
		Ô	Max. Allowed					
Currently consume	ed 🗕 Ready in pool 📕 In	crement available for pool	Cac	hed 😑 Ca	aching (Caching	Due	Caching Failed

Figure 6: Connection Pool tab of Performance Monitor

Provides following information for each of the data connection:

- Name: Data connection name.
- Database user: The user ID used to login in the database.
- **Pool Status:** Chart indicating use / availability of threads on a connection. Chart indicates initial pool size, maximum used and maximum allowed.
- Metadata Cache Status: Displays metadata caching status:
 - <u>Cached:</u> Caching completed
 - <u>Caching:</u> Caching is going on
 - <u>Caching Due</u>: Caching yet to start.
 - <u>Caching failed:</u> Intellicus tried caching metadata but could not.

Request Level Info

The line chart shows the number of requests served at a time. Number of requests served in 10 minutes of interval. The chart is plotted based on information of last 100 minutes.

The table below the chart shows the requests currently being served. You can click **Kill** button of respective row to stop the process.