

OneVizion

Simply Smarter Information Management

System Performance 2



Topics:

Response Time Components

Performance Reports

Queues, Processes, and Monitoring

OneViZion

Simply Smarter Information Management

A large, semi-transparent hand is shown holding a horizontal strip that contains several small, semi-transparent images of business professionals in various settings, such as meetings and office work. The background of the entire slide is a cityscape with a red tint.

Response Time Components

Response Time – Show SQL window

The screenshot shows the OneVizion application interface. At the top, there is a navigation bar with 'Trac', 'G:General Info', 'G:All', 'Relations:', and 'mgreene_training'. Below this is a toolbar with 'Add', 'Edit', 'Delete', 'Search for', and 'SQL' (highlighted with a red box). The main content area shows a list of 'S:Site ID' entries on the left and an 'SQL text' window on the right. The SQL window title is 'SQL text' and the URL is 'https://innovation.onevizion.com/showsql/ShowSql.do?usageLogId=1001370962&pageName=TRACKOR_BROWSER'. The SQL query is as follows:

```
1 select
2 b.*,
3 pkg_config_field_rpt.getValStrByStaticName(x100007024_xitor_id, 'XITOR_KEY') s_100007024_0,
4 pkg_config_field_rpt.getValStrByStaticName(x100007027_xitor_id, 'XITOR_KEY') s_100007027_0,
5 pkg_config_field_rpt.getValStrByStaticName(x100007026_xitor_id, 'XITOR_KEY') s_100007026_0,
6 pkg_config_field_rpt.getValStrByStaticName(x100007026_xitor_id, 'XITOR_CLASS_ID')
  s_100007026_4,
7 pkg_config_field_rpt.getValStrByIDYN(x100007026_xitor_id, 1000063995)
  d_100007026_1000063995,
8 pkg_config_field_rpt.getValNumNLByID(x100007026_xitor_id, 1000063995)
  d_100007026_1000063995_id,
9 pkg_config_field_rpt.getValStrByIDYN(x100007026_xitor_id, 1000064002)
  d_100007026_1000064002,
10 pkg_config_field_rpt.getValNumNLByID(x100007026_xitor_id, 1000064002)
  d_100007026_1000064002_id,
11 pkg_config_field_rpt.getValStrByIDYN(x100007026_xitor_id, 1000063996)
  d_100007026_1000063996,
12 pkg_config_field_rpt.getValStrByIDYN(x100007026_xitor_id, 1000063997)
  d_100007026_1000063997,
13 pkg_config_field_rpt.getValDateByID(x100007026_xitor_id, 1000063998)
  d_100007026_1000063998,
14 pkg_config_field_rpt.getValStrByIDYN(x100007027_xitor_id, 1000063880)
  d_100007027_1000063880,
```

At the bottom of the SQL window, a performance summary is displayed (highlighted with a red box):

? DB:0.280 App Server:1.195 Response Delivery:0.159 Browser:0.106 Total:1.460 Response Size:127Kb Close

Notes:

- **DB** time is probably the most relevant for performance, but if that time is slow, the other times can point to other bottlenecks.
- Another problem area could be Network speed, which would be shown in **Response Delivery** and **Response Size**
- The other main problem could be browser render time, which would be indicated by the **Browser** portion. Sometimes an old or troubled computer might just have trouble processing the large amounts of data on a page.

Response Time – Usage Log

Usage Log ID	User	Module Name	Tracker Type	App Server Finish	DB Runtime	View Options	Filter
1001370980	mgreene_training	Usage Log		07/10/2019 14:30:27	1.002	[Default View] ...	[Default Filter] ...
1001370979	mgreene_training	Usage Log		07/10/2019 14:28:39	2.425	[Default View] ...	[Default Filter] ...
1001370978	mgreene_training	Tracker Type Tree		07/10/2019 14:28:35	0.279		
1001370962	mgreene_training	Tracker Browser	Job	07/10/2019 14:18:38	0.280	G:General Info ...	G:All ...
1001370961	mgreene_training	Tracker Type Tree		07/10/2019 14:18:24	0.053		
1001370897	spetteway_training	Admin Config Import Required Fields		07/10/2019 12:01:46	0.025	[Default View] ...	[Default Filter] ...
1001370877	spetteway_training	Admin Config Import Entity		07/10/2019 11:55:46	0.013	[Default View] ...	[Default Filter] ...
1001370859	spetteway_training	Rules		07/10/2019 11:46:42	0.405	[Default View] ...	[Default Filter] ...
1001370858	spetteway_training	Tracker Type Tree		07/10/2019 11:46:36	0.042		
1001370839	spetteway_training	Admin Config Import Mappings		07/10/2019 11:39:08	0.001	[Default View] ...	[Default Filter] ...
	spetteway_training	Admin Config		07/10/2019			

Notes:

- All page transactions are logged in the Usage Log.
- Timing info for each major piece of building the page.
- Exactly how the user has the page configured and which page is being called.
- Exact SQL that was run for the page.
- SQL Execution Plan (Enabled by hidden field `USERS.COLLECT_PERFORMANCE_DATA`)
- IP Addresses
- Browser information
- You can Export the grid to do analysis, or make a report using the `USAGE_LOG` table.

Response Time – Usage Log

Page Runtime portions:

- **DB Runtime** – The time for the DB to execute the query and return records.
- **Response Delivery Time** – Network time to transfer the data package
- **App Server Runtime** – DB Runtime + Response Delivery + the time for the webserver to convert the SQL data into the XML needed to send to the Browser
- **Browser Runtime** – Time from when the Browser on the users computer gets the data until it has been rendered on the screen.
- **User Runtime** – The total round-trip experience that the user sees between when the button is clicked until their browser has completed rendering the requested page.

Response Time – Usage Log - Filters

The screenshot shows the 'Usage Log' interface with a table of log entries. A 'View Options' dialog box is open, showing a list of columns and a search bar. A red arrow points to the 'G:General Info' filter in the table.

Usage Log ID	User	Module Name	Tracker Type	App Server Finish	DB Runtime	View Options	Filter
				07/10/2018	1.002	[Default View]	[Default Filter]
					2.425	[Default View]	[Default Filter]
					0.279		
					0.280	G:General Info	G:All
					0.053		
					0.025	[Default View]	[Default Filter]
					0.013	[Default View]	[Default Filter]
					0.405	[Default View]	[Default Filter]
					0.042		
					0.001	[Default View]	[Default Filter]
					0.016	[Default View]	[Default Filter]

View Options dialog box content:

- Columns: 13
- Selected 13 of 30
- Columns list: S:Site ID (TEXT), P:Program Name (TEXT), J:Job ID (TEXT), J:Job Class (DB DROPDOWN), J:Job Phase (DROPDOWN)
- Search: [Search]
- Select column for sorting: [Dropdown]
- Buttons: OK, Cancel

Notes:

- You can see the exact View Options configuration that was used.
- Same for Filters and the SQL used to generate the page.

OneViZion

Simply Smarter Information Management

Performance Reports

System Performance Report

Week from 7/2/2019 to 7/8/2019					
	This Week (secs)	Difference from Last Week		This Week (hits)	Difference from Last Week
DB Runtime	0.22	● -6.10%		Total Pages	4419 ● -3.85%
Web Server RT	0.18	● -6.45%		Completed Pages	4407 ● -3.78%
User Runtime	0.62	● -27.93%		Canceled Pages	0
Complete Runtime	1.02	● -20.76%			

Comments:

Notes:

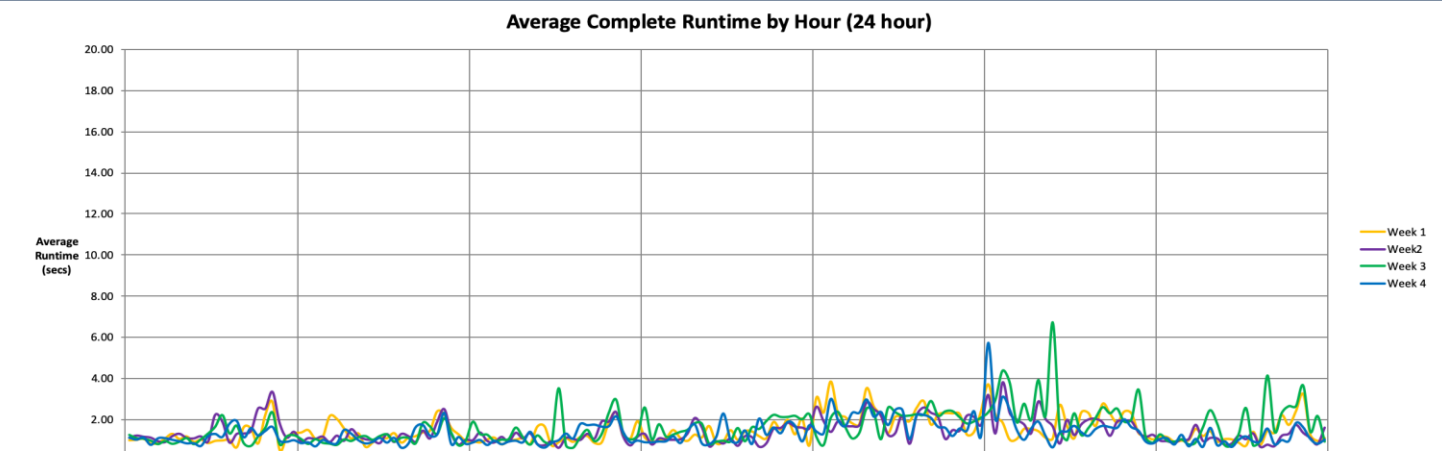
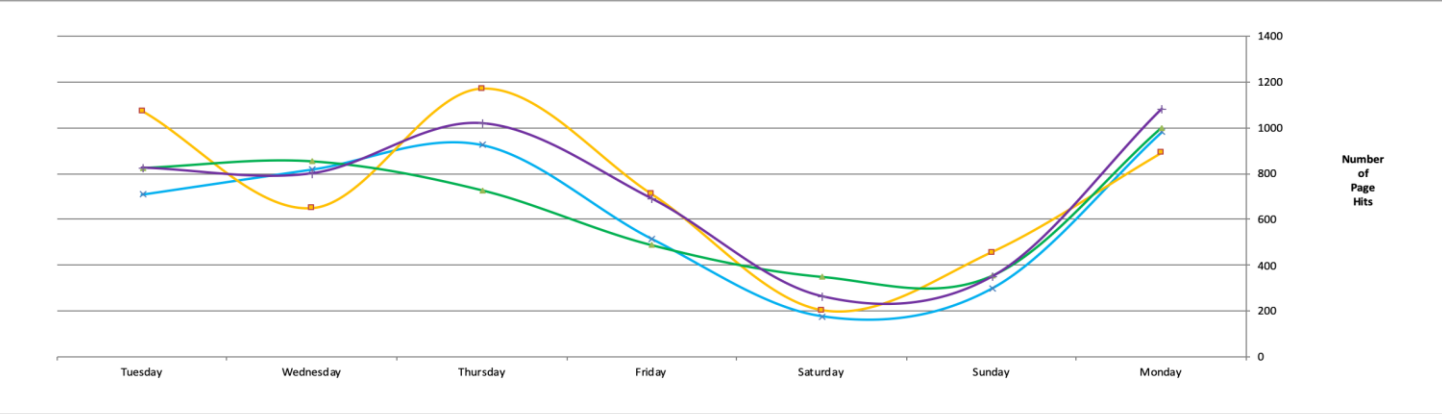
- Rollup Summary of all Usage Data
- Red amber green based on Last week
- Performance and Page Hits

System Performance Report



Page Summary - Week

Week 1: From 6/11/2019 to 6/17/2019	Week 2: From 6/18/2019 to 6/24/2019	Week 3: From 6/25/2019 to 7/1/2019	Week 4: From 7/2/2019 to 7/8/2019																																																																
<table border="1"> <tr><th colspan="2">Runtimes</th></tr> <tr><td>DB</td><td>0.23</td></tr> <tr><td>WS</td><td>0.20</td></tr> <tr><td>User</td><td>0.75</td></tr> </table> <table border="1"> <tr><th colspan="2">Page Hits</th></tr> <tr><td>Total</td><td>5142</td></tr> <tr><td>Completed</td><td>5131</td></tr> <tr><td>Canceled</td><td>0</td></tr> </table>	Runtimes		DB	0.23	WS	0.20	User	0.75	Page Hits		Total	5142	Completed	5131	Canceled	0	<table border="1"> <tr><th colspan="2">Runtimes</th></tr> <tr><td>DB</td><td>0.23</td></tr> <tr><td>WS</td><td>0.20</td></tr> <tr><td>User</td><td>0.68</td></tr> </table> <table border="1"> <tr><th colspan="2">Page Hits</th></tr> <tr><td>Total</td><td>5022</td></tr> <tr><td>Completed</td><td>5002</td></tr> <tr><td>Canceled</td><td>0</td></tr> </table>	Runtimes		DB	0.23	WS	0.20	User	0.68	Page Hits		Total	5022	Completed	5002	Canceled	0	<table border="1"> <tr><th colspan="2">Runtimes</th></tr> <tr><td>DB</td><td>0.23</td></tr> <tr><td>WS</td><td>0.19</td></tr> <tr><td>User</td><td>0.86</td></tr> </table> <table border="1"> <tr><th colspan="2">Page Hits</th></tr> <tr><td>Total</td><td>4596</td></tr> <tr><td>Completed</td><td>4580</td></tr> <tr><td>Canceled</td><td>0</td></tr> </table>	Runtimes		DB	0.23	WS	0.19	User	0.86	Page Hits		Total	4596	Completed	4580	Canceled	0	<table border="1"> <tr><th colspan="2">Runtimes</th></tr> <tr><td>DB</td><td>0.22</td></tr> <tr><td>WS</td><td>0.18</td></tr> <tr><td>User</td><td>0.62</td></tr> </table> <table border="1"> <tr><th colspan="2">Page Hits</th></tr> <tr><td>Total</td><td>4419</td></tr> <tr><td>Completed</td><td>4407</td></tr> <tr><td>Canceled</td><td>0</td></tr> </table>	Runtimes		DB	0.22	WS	0.18	User	0.62	Page Hits		Total	4419	Completed	4407	Canceled	0
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Notes:

- Compares last 4 weeks
- Turn on or off weeks as needed for your analysis

System Performance Report

Page Summary - Day

Day of the Week	Date	Page Hits	Completed Pages	Canceled Pages	Avg. DB Runtime (secs)	Avg. Web Server Runtime (secs)	Avg. User Runtime (secs)	Avg. Complete Runtime (secs)
Tuesday	7/9/19	673	665	0	0.15	0.17	0.64	0.96
Monday	7/8/19	982	981	0	0.20	0.19	0.53	0.92
Sunday	7/7/19	296	296	0	0.38	0.23	0.74	1.35
Saturday	7/6/19	175	175	0	0.37	0.24	1.28	1.89
Friday	7/5/19	514	513	0	0.20	0.16	0.67	1.03
Thursday	7/4/19	926	921	0	0.19	0.18	0.59	0.96
Wednesday	7/3/19	818	815	0	0.17	0.17	0.57	0.91
Tuesday	7/2/19	708	706	0	0.24	0.16	0.60	1.00
Monday	7/1/19	1000	994	0	0.19	0.17	1.06	1.42
Sunday	6/30/19	354	352	0	0.33	0.21	1.40	1.93
Saturday	6/29/19	350	350	0	0.28	0.22	1.00	1.51
Friday	6/28/19	488	488	0	0.29	0.19	0.97	1.45
Thursday	6/27/19	727	725	0	0.23	0.19	0.77	1.18
Wednesday	6/26/19	853	851	0	0.21	0.20	0.59	1.00
Tuesday	6/25/19	824	820	0	0.23	0.20	0.63	1.07
Monday	6/24/19	1081	1081	0	0.20	0.20	0.59	0.98
Sunday	6/23/19	348	347	0	0.36	0.23	1.08	1.66
Saturday	6/22/19	263	263	0	0.43	0.23	1.00	1.66
Friday	6/21/19	689	683	0	0.21	0.21	0.59	1.01
Thursday	6/20/19	1018	1015	0	0.19	0.20	0.62	1.01
Wednesday	6/19/19	799	793	0	0.22	0.19	0.64	1.06
Tuesday	6/18/19	824	820	0	0.25	0.20	0.74	1.18
Monday	6/17/19	889	887	0	0.23	0.18	0.72	1.12
Sunday	6/16/19	455	453	0	0.27	0.25	0.92	1.44
Saturday	6/15/19	202	201	0	0.42	0.24	1.43	2.08
Friday	6/14/19	708	707	0	0.23	0.20	0.72	1.15
Thursday	6/13/19	1169	1167	0	0.21	0.19	0.72	1.12
Wednesday	6/12/19	647	646	0	0.22	0.19	0.76	1.17
Tuesday	6/11/19	1072	1070	0	0.22	0.18	0.61	1.01

Notes:

- Day by day summary of Usage and Performance

System Performance Report

Pages By Hits

				Thresholds:	3.00	3.00	
Tracker	Page	Page Hits	% of Total Hits	Completed Pages	Canceled Pages	Avg. DB Runtime (secs)	Avg. WS Runtime (secs)
Time_Record	Tracker Browser	6,315	31.81%	6,305	10	0.27	0.20
Issue	Tracker Browser	5,949	29.97%	5,929	20	0.30	0.20
Case	Tracker Browser	1,500	7.56%	1,497	3	0.18	0.20
Issue_comment	Tracker Browser	882	4.44%	879	3	0.03	0.14
Issue_Task	Tracker Browser	872	4.39%	863	9	0.06	0.15
Version	Selector Tracker Browser	599	3.02%	593	6	0.09	0.14
RoadmapItem	Tracker Browser	395	1.99%	394	1	0.11	0.10
SELENIUM_TEST_RESULT	Tracker Browser	338	1.70%	337	1	0.26	0.10
Version	Tracker Browser	289	1.46%	287	2	0.42	0.20
Employee_Invoice	Tracker Browser	260	1.31%	256	4	0.17	0.17
Attachment	Tracker Browser	220	1.11%	220	0	0.04	0.15
Project	Tracker Browser	182	0.92%	182	0	0.14	0.22
User	Selector Tracker Browser	170	0.86%	170	0	0.02	0.14
SELENIUM_PROCESS	Tracker Browser	161	0.81%	161	0	0.60	0.21
Subscriber	Tracker Browser	151	0.76%	151	0	0.01	0.12
Project_Task	Selector Tracker Browser	137	0.69%	137	0	0.03	0.17
Error_Report	Tracker Browser	121	0.61%	120	1	0.68	0.15
Issue_Task_Comment	Tracker Browser	111	0.56%	111	0	0.02	0.12
Issue	Selector Tracker Browser	109	0.55%	109	0	0.10	0.10
SELENIUM_TEST	Tracker Browser	97	0.49%	96	1	0.09	0.15
Attachment	Selector Filter Field	94	0.47%	93	1	0.00	0.17
Subscription_mult	Tracker Browser	91	0.46%	87	4	0.02	0.11
User	Tracker Browser	63	0.32%	63	0	0.06	0.17
InternalCaseComments	Tracker Browser	62	0.31%	61	1	0.12	0.13
Website	Tracker Browser	60	0.30%	60	0	0.08	0.20
Project_Task	Tracker Browser	58	0.29%	58	0	0.05	0.10
Contacts	Selector Tracker Browser	51	0.26%	51	0	0.08	0.10
CaseComments	Tracker Browser	41	0.21%	41	0	0.13	0.15
DayOff	Tracker Browser	32	0.16%	31	1	0.05	0.14
ANDROID_TEST_RESULT	Tracker Browser	31	0.16%	31	0	0.11	0.18
RoadmapItem	Selector Tracker Browser	29	0.15%	29	0	0.12	0.10
Server	Tracker Browser	24	0.12%	24	0	0.07	0.17
Database	Tracker Browser	20	0.10%	20	0	0.04	0.15
BACKPORT	Selector Filter Field	20	0.10%	20	0	0.00	0.11

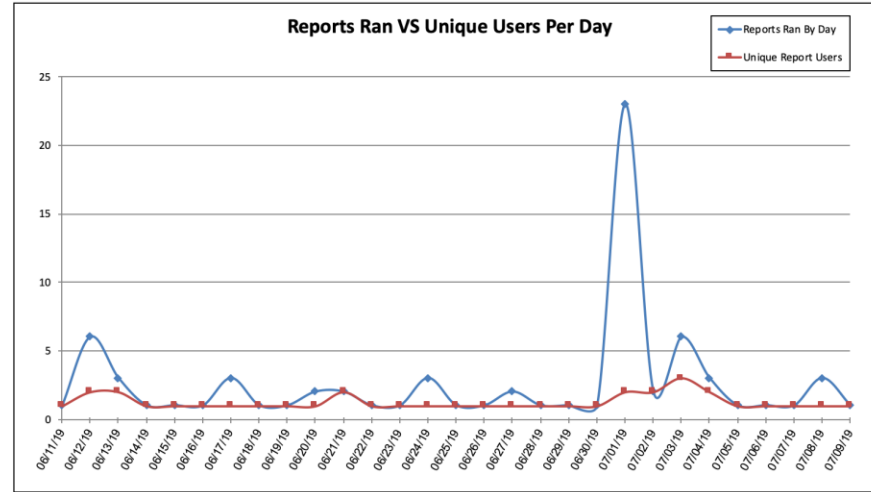
Notes:

- Stats broken up into Page and Tracker Type
- Only user page hits with Tracker type associated are used here
- RAG colors based on Thresholds set at top of the page

System Performance Report

Report Summary

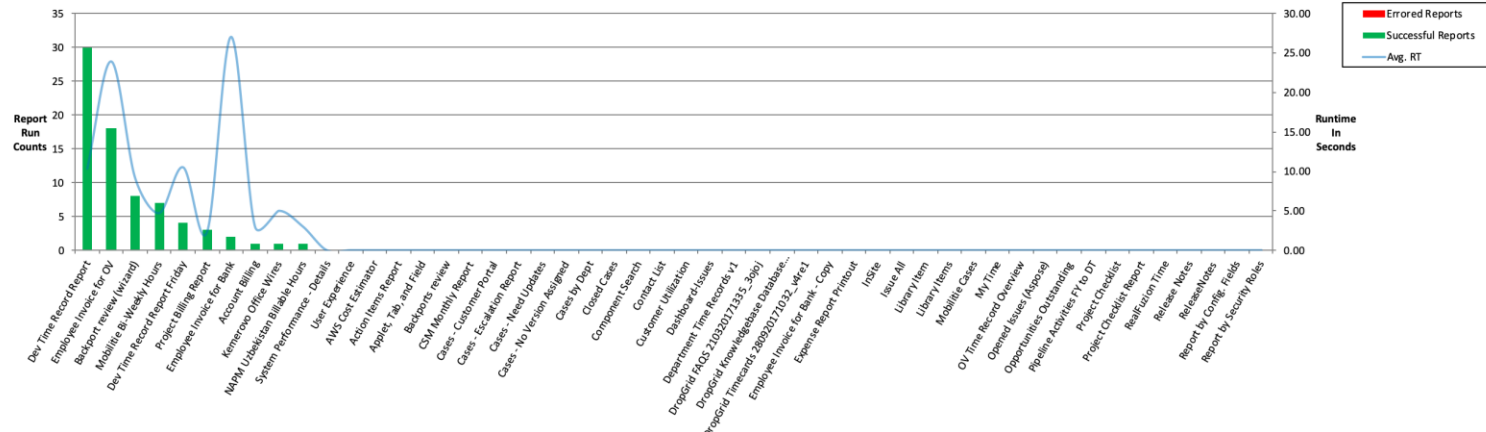
Date	Unique Report Users	Total Page Hits	Reports Ran	Scheduled Reports	Ad Hoc Reports
Tuesday, 06/11/2019	1	1322	1	1	0
Wednesday, 06/12/2019	2	724	6	1	5
Thursday, 06/13/2019	2	1390	3	2	1
Friday, 06/14/2019	1	790	1	1	0
Saturday, 06/15/2019	1	203	1	1	0
Sunday, 06/16/2019	1	471	1	1	0
Monday, 06/17/2019	1	967	3	3	0
Tuesday, 06/18/2019	1	905	1	1	0
Wednesday, 06/19/2019	1	900	1	1	0
Thursday, 06/20/2019	1	1123	2	2	0
Friday, 06/21/2019	2	840	2	1	1
Saturday, 06/22/2019	1	278	1	1	0
Sunday, 06/23/2019	1	361	1	1	0
Monday, 06/24/2019	1	1237	3	3	0
Tuesday, 06/25/2019	1	967	1	1	0
Wednesday, 06/26/2019	1	997	1	1	0
Thursday, 06/27/2019	1	791	2	2	0
Friday, 06/28/2019	1	555	1	1	0
Saturday, 06/29/2019	1	357	1	1	0
Sunday, 06/30/2019	1	367	1	1	0
Monday, 07/01/2019	2	1094	23	3	20
Tuesday, 07/02/2019	2	767	2	1	1
Wednesday, 07/03/2019	3	885	6	2	4
Thursday, 07/04/2019	2	955	3	2	1
Friday, 07/05/2019	1	528	1	1	0
Saturday, 07/06/2019	1	176	1	1	0
Sunday, 07/07/2019	1	302	1	1	0
Monday, 07/08/2019	1	1155	3	3	0
Tuesday, 07/09/2019	1	720	1	1	0
Total:	37	22127	75	42	33



Notes:

- Average runtime of top 50 reports
- Red bar portions denote failures
- If the Reports Ran curve doesn't match Unique users curve, it could show report automations or other abnormal usage.

Top 50 Ran Reports - Success and Error Counts



System Performance Report

Reports By User

Count of Reports	Report Name										
User Name	Dev Time Record Rep	Employee Invoice for OV	Backport review (wizard)	Mobilite Bi-Weekly Hours	Dev Time Record Report Friday	Project Billing Report	Employee Invoice for Bank	Kemerovo Office Wires	NAPM Uzbekistan Billable Hours	Account Billing	Grand Total
amoiseenko	29	8		4							41
iemelyanov	1										1
igor		18					2	1	1		22
kmcdevitt				7		3				1	11
Grand Total	30	18	8	7	4	3	2	1	1	1	75

Notes:

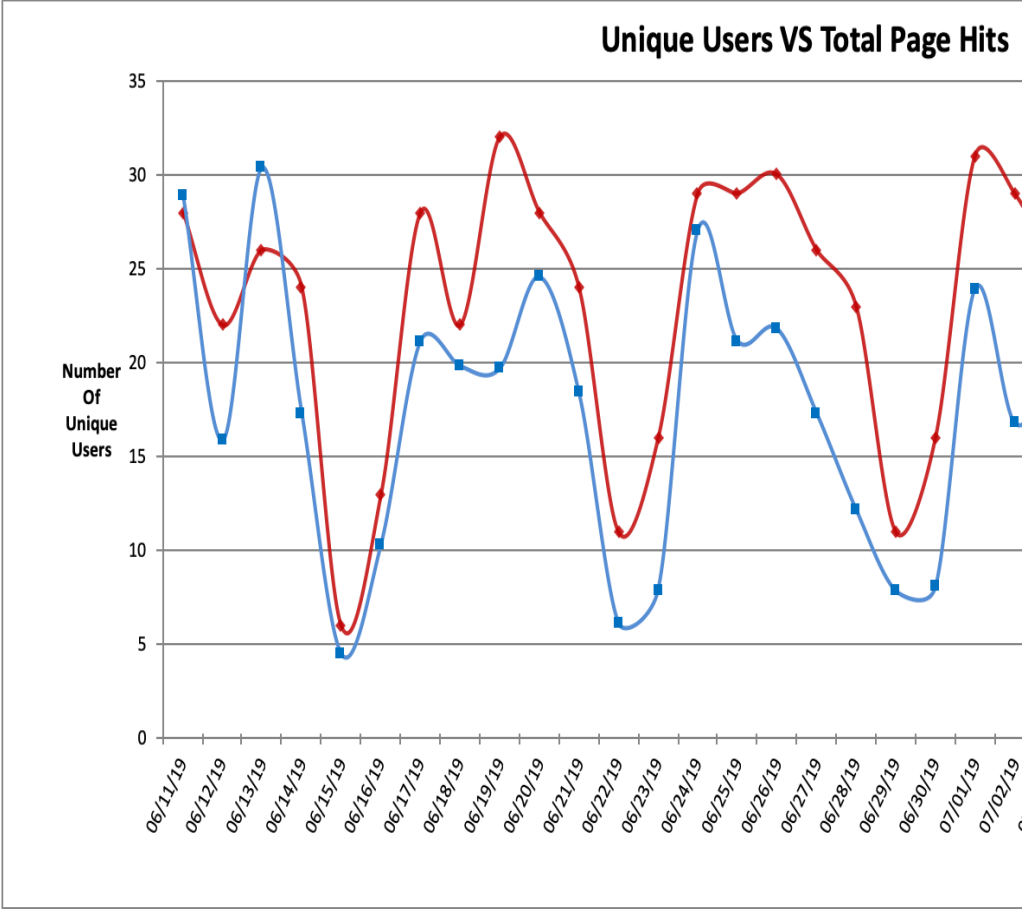
- All users who ran reports in 28 day period and how many of which reports they ran
- Can be filtered

System Performance Report



User Summary

Date	Unique Users	Page Hits
Tuesday, 06/11/2019	28	1322
Wednesday, 06/12/2019	22	724
Thursday, 06/13/2019	26	1390
Friday, 06/14/2019	24	790
Saturday, 06/15/2019	6	203
Sunday, 06/16/2019	13	471
Monday, 06/17/2019	28	967
Tuesday, 06/18/2019	22	905
Wednesday, 06/19/2019	32	900
Thursday, 06/20/2019	28	1123
Friday, 06/21/2019	24	840
Saturday, 06/22/2019	11	278
Sunday, 06/23/2019	16	361
Monday, 06/24/2019	29	1237
Tuesday, 06/25/2019	29	967
Wednesday, 06/26/2019	30	997
Thursday, 06/27/2019	26	791
Friday, 06/28/2019	23	555
Saturday, 06/29/2019	11	357
Sunday, 06/30/2019	16	367
Monday, 07/01/2019	31	1094
Tuesday, 07/02/2019	29	767
Wednesday, 07/03/2019	25	885
Thursday, 07/04/2019	20	955
Friday, 07/05/2019	20	528
Saturday, 07/06/2019	6	176
Sunday, 07/07/2019	14	302
Monday, 07/08/2019	31	1155
Tuesday, 07/09/2019	27	720
Total	647	22127



Notes:

- Shows how page hits match up to number of users
- Can show increased adoption, or needs for planning of future hardware

User Experience Report

User Name	Andrey.Didenko	User Key	Andrey.Didenko
Email	andrey.didenko@onevizion.com	Enabled?	andrey.didenko@onevizion.com
Security Roles	Access to My Invoices, Administrative User, Automated Tests Read, Cases-Edit, Config Forms, Dashboard - Edit, Dashboards-Read, Expense Restriction, Issues and TimeSheets, Projects - Read, Roadmap RE, Test Cases - Edit, Test		

Grid Page Hits			
Last Page Hit	07/09/2019 10:12:04 AM	Total Page Hits	166
Sum DB Runtime (s)	34.53	Avg DB Runtime (s)	0.208012048
Sum Web Server (s)	29.85	Avg Web Server (s)	0.179819277
Sum User Runtime (s)	110.74	Avg User Runtime (s)	0.667108434
Sum Complete Runtime (s)	175.11	Avg Complete Runtime (s)	1.054879518
Sum Browser Runtime (s)	28.43	Avg Browser Runtime (s)	0.17126506

API Page Hits			
Total Requests	0		
Sum Request Size (MB)	0	Avg Request Size (MB)	0
Sum DB Runtime (s)	0	Avg DB Runtime (s)	0
Sum Total Runtime (s)	0	Avg Total Runtime (s)	0

Processes			
Report Runtime (s)	0	Reports Ran	0
Export Runtime (s)	0	Exports Ran	0
Import Runtime (s)	0	Imports Ran	0
Notifications Count	13		
Form Button Rules - Rows Processed	0		

Notes:

- Pick a user and see their stats for time period
- Grade users on their experience
- Help determine problem users' problem areas

OneViZion

Simply Smarter Information Management

A large, semi-transparent hand is shown holding a horizontal strip that contains several small, semi-transparent images of business professionals in various settings, such as meetings and office work. The background of the entire slide is a cityscape with a red tint.

Processes and Queues

Processes Page



Process ID	Process Type	Process Object Name	Status	Owner	Submitted	Runtime (sec.)	Error Message
<input type="checkbox"/> 1001006428	Report	Dev Time Record Report	⏸ Pending	amoiseenko	07/10/2019 02:00:21		
<input type="checkbox"/> 1001006427	Import	Database Auto Import	✔ Executed without Warnings	Automaton	07/10/2019 02:00:06	1	
<input type="checkbox"/> 1001006426	Import	Server Auto Import	! Executed with Warnings	Automaton	07/10/2019 02:00:05	1	
<input type="checkbox"/> 1001006425	Rule	Create Daily Sys Perf Tracker	✔ Executed without Errors		07/10/2019 02:00:05	0	
<input type="checkbox"/> 1001006424	Rule	Notify on Timed Rule Failures	✔ Executed without Errors		07/10/2019 02:00:05	0	
<input type="checkbox"/> 1001006423	Import	Subnet Auto Import	✔ Executed without Warnings	Automaton	07/10/2019 02:00:04	0	
<input type="checkbox"/> 1001006422	Rule	Case: Aging: Hourly Aging Update	✔ Executed without Errors		07/10/2019 02:00:00	5	
<input type="checkbox"/> 1001006421	Rule	Customer Request Hourly	✔ Executed without Errors		07/10/2019 02:00:00	0	
<input type="checkbox"/> 1001006420	Rule	BRI Send Notification Using Notify Date	✔ Executed without Errors		07/10/2019 02:00:00	0	
<input type="checkbox"/> 1001006419	Integration	OneVizion	✔ Executed without Errors		07/10/2019 02:00:00	20	

Notes:

- Reports, Grid Exports, Imports, Rules, and Integrations
- Imports can be scheduled to start later, but have no queuing mechanism
- Server Time shown and queue status of Reports and Grid Exports
- Integrations are their own scheduled process and have no queuing
- Rules represented here are timed Rule (such as Hourly, Nightly, Weekly, etc.) There is no queuing mechanism there, but they are handled Single threaded from that Oracle Job.

System Queues

Actual System Queues:

- **Notifications**
- **Rule**
- **Reports**
- **Grid Exports**

Notes:

- These queues are processed by the services.jar processor on one or more App Servers
- Some of these queues can be broken out into more than one service processor.
- If memory or processing constraints happen on an App Server, these can also be distributed across more than one App Server.
- Each queues has a maximum numbers of simultaneous threads running.
- The total number needs to be managed against the number of cpu processors on the Database they are hitting.
- Imports currently have no queuing, so this should also be taken into account for total cpu threads.

System Queues – Reports and Grid Exports

REPORT_SCHEDULER_ID	NAME	MAX_RUNNING	MIN_FREE_RAM_MB	HANDLE_GRID_EXPORT
1	Default	20	5120	
2	Windows	20	1024	
3	Exports	17	5120	1
4	aspose7	3	2048	
5	visio	5	1024	
6	RFDSPDF	10	5120	
7	HIGHPRIORITY	5	5120	
8	SITERRA	5	5120	
9	RFDS	5	5120	
10	DeploymentReports	8	5120	
11	CIQ	10	5120	
12	CLEARPATH	10	5120	

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Notes:

- Java report_scheduler.jar executer on an appserver processes each of these queues for Reports and Grid Exports.
- Any Scheduler marked “1” in the HandleGridExport field will pick up Grid Exports to process.
- Each Scheduler starts up up to it’s MaxRunning number of Report or Grid Export processes at a time as long as the server has MinFreeRAMMB RAM free.
- V_REPORT_SCHEDULER Table is for configuration only, Service itself still must be setup on an App Server
- Scheduler is set on each report in REPORT_FILES.REPORT_SCHEDULER_ID

System Queues – Reports and Grid Exports

```
#####  
# working directory  
#####  
wrapper.working.dir=\\opt\\services\\prod\\prod02  
█  
#####  
# genConfig: further Properties generated by genConfig  
#####  
placeholderSoGenPropsComeHere=  
wrapper.java.app.jar=\\opt\\services\\prod\\services.jar  
wrapper.app.parameter.1=prod03/██████████@ov-prod.cxjtj8enkerv.us-west-1.rds.amazonaws.com:1521:P1  
wrapper.app.parameter.2=prod03_user/██████████@ov-prod.cxjtj8enkerv.us-west-1.rds.amazonaws.com:1521  
:P1  
wrapper.app.parameter.3=prod03_rpt/██████████@ov-prod.cxjtj8enkerv.us-west-1.rds.amazonaws.com:1521:  
P1  
wrapper.app.parameter.4=exports  
~  
~  
~  
283,0-1
```

Notes:

- We usually put service jars in /opt/services/prod
- We usually use yajsw as a wrapper for the java service to make stopping and starting as needed easier.
- There are 3 required parameters for the java, and one optional to name the Report Scheduler Name if it's not Default.

System Queues - Notifications

Notif Queue ID	Recipient (Email)	Subject	Queue Status	Creation Date	Processing Date	Cc
1001047161	rmoon@onevizion.com	OneVizion, Inc.[CaseID 106790]Check Drill Down CFs usage on EFile Browser grid in Sprint-Sev:Low	Sent successfully	07/12/2019 13:57:00	07/12/2019 13:57:41	m:er ev n.
1001047160	andrey.didenko@onevizion.com	OneVizion, Inc.[CaseID 106826]HTTPCall - default_callback p_id2 - what is it for?-Sev:Medium	Sent successfully	07/12/2019 13:45:00	07/12/2019 13:45:41	m:
1001047159	mknyazev@onevizion.com	Mobilitie[CaseID 106823]GQ Import Slow Mobilitie - New Requirement: 103921-Sev:Medium	Sent successfully	07/12/2019 13:30:00	07/12/2019 13:31:42	m: vit @ vi:
1001047158	amoiseenko@onevizion.com	Igor Kravtsov has created Day Off	Sent successfully	07/12/2019 12:45:28	07/12/2019 12:45:41	igr @
1001047156	spetteway@onevizion.com	OneVizion, Inc.[CaseID 106813]Reg: User Load Import - Updating the POC data-Sev:Medium	Sent successfully	07/12/2019 11:30:00	07/12/2019 11:31:41	sp: @ @ n.

Notes:

- Records can be inserted via Rule, or from the configured Notifications.
- Job NOTIFIER_<SCHEMA> periodically queries Audit Logs for changes triggering configured Notifications, and inserts them into this queue.
- Shows Status, Creation Date, and Processing Date.
- Single Threaded processing

System Queues - Rule

Rule Queue ID	Rule	User	ID1	ID2	Rule Queue Status	Creation Date	Processing Date
10030250603	NIMS EAI UpdateSite API	NIMSAPI	1001113111812		Executed successfully	07/12/2019 01:00:07	07/12/2019 01:06:17
10030250604	NIMS EAI UpdateSite API	NIMSAPI	1001113111813		Executed successfully	07/12/2019 01:00:08	07/12/2019 01:06:18
10030250605	NIMS EAI UpdateSite API	NIMSAPI	1001113111814		Executed successfully	07/12/2019 01:00:08	07/12/2019 01:06:20
10030250606	NIMS EAI UpdateSite API	NIMSAPI	1001113111815		Executed successfully	07/12/2019 01:00:09	07/12/2019 01:06:19
10030250607	NIMS EAI UpdateSite API	NIMSAPI	1001113111816		Executed successfully	07/12/2019 01:00:09	07/12/2019 01:06:18
10030250608	NIMS EAI UpdateSite API	NIMSAPI	1001113111817		Executed successfully	07/12/2019 01:00:10	07/12/2019 01:06:18
10030250609	NIMS EAI UpdateSite API	NIMSAPI	1001113111818		Executed successfully	07/12/2019 01:00:10	07/12/2019 01:06:18
10030250610	NIMS EAI UpdateSite API	NIMSAPI	1001113111819		Executed successfully	07/12/2019 01:00:10	07/12/2019 01:06:18
10030250611	NIMS EAI UpdateSite API	NIMSAPI	1001113111820		Executed successfully	07/12/2019 01:00:11	07/12/2019 01:06:19
10030250612	NIMS EAI UpdateSite API	NIMSAPI	1001113111821		Executed successfully	07/12/2019 01:00:11	07/12/2019 01:06:19
10030250613	NIMS EAI UpdateSite API	NIMSAPI	1001113111822		Executed successfully	07/12/2019 01:00:12	07/12/2019 01:06:20
10030250614	NIMS EAI UpdateSite API	NIMSAPI	1001113111823		Executed successfully	07/12/2019 01:00:12	07/12/2019 01:06:24
10030250615	NIMS EAI UpdateSite API	NIMSAPI	1001113111824		Executed successfully	07/12/2019 01:00:13	07/12/2019 01:06:23

Notes:

- All Rule Classes that require java processing are queued here. (HTTP Call, Geocoding, Copy EFile, etc.)
- Single threaded, processes the queue first come first served.