CONFIGURATION GUIDES › DATABASES

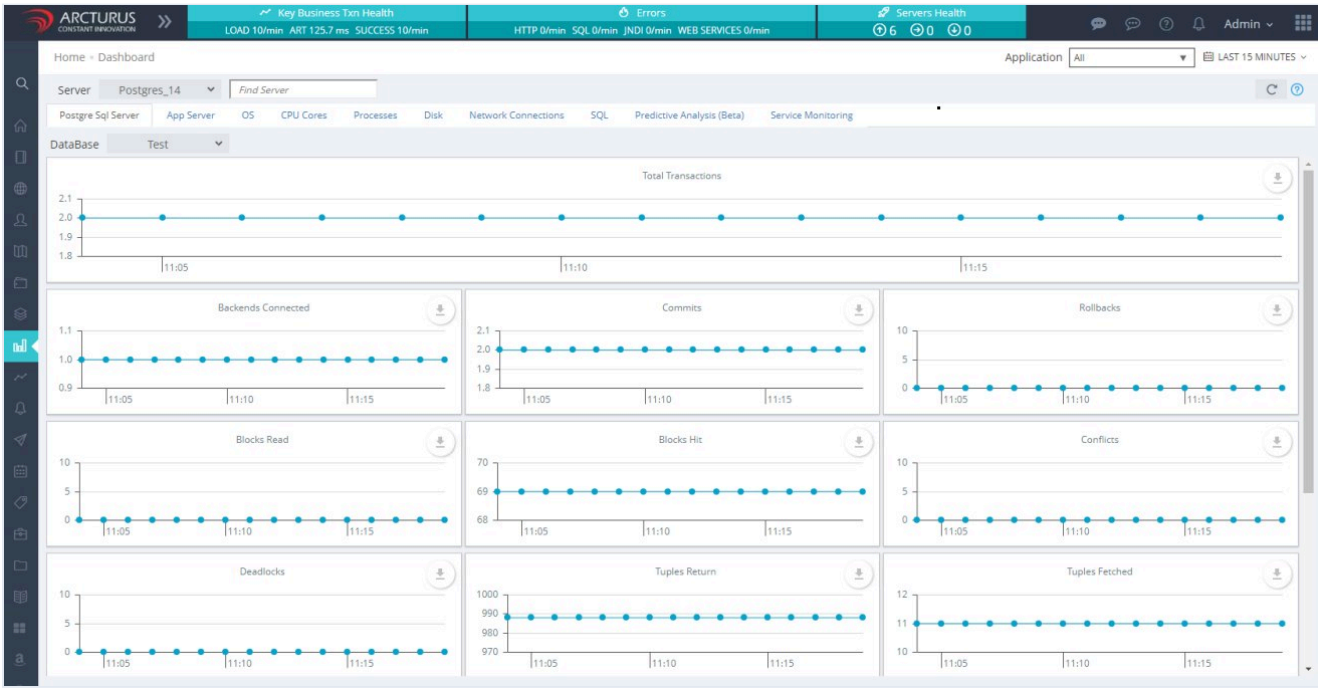
PostgreSQL Database Monitoring

Applicare 10.0 · Updated September 13, 2024 · postgresql · **Pending technical review**

Log in to Applicare controller and navigate to the **Server Analyzer** menu to view the details.

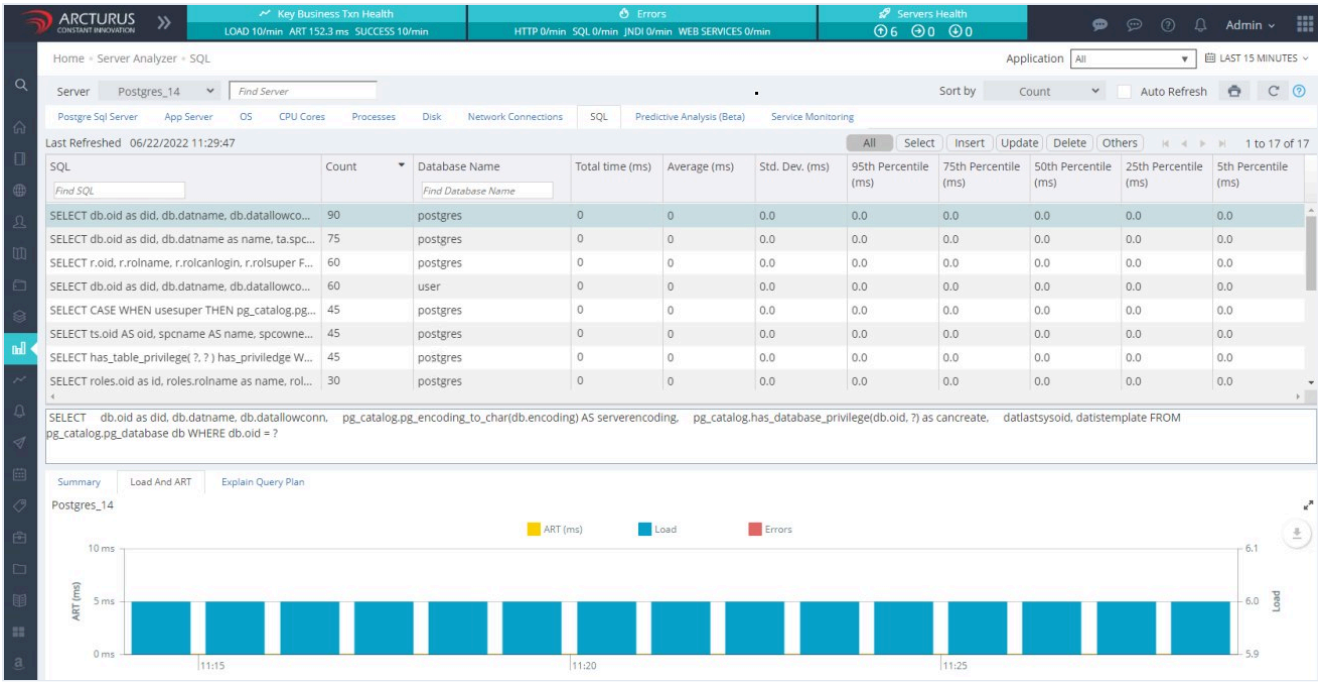
Dashboard

Database performance metrics assist in monitoring and optimize your database's performance in your business. The metrics are calculated for the entire server, not limited to the database specified in the JDBC URL.



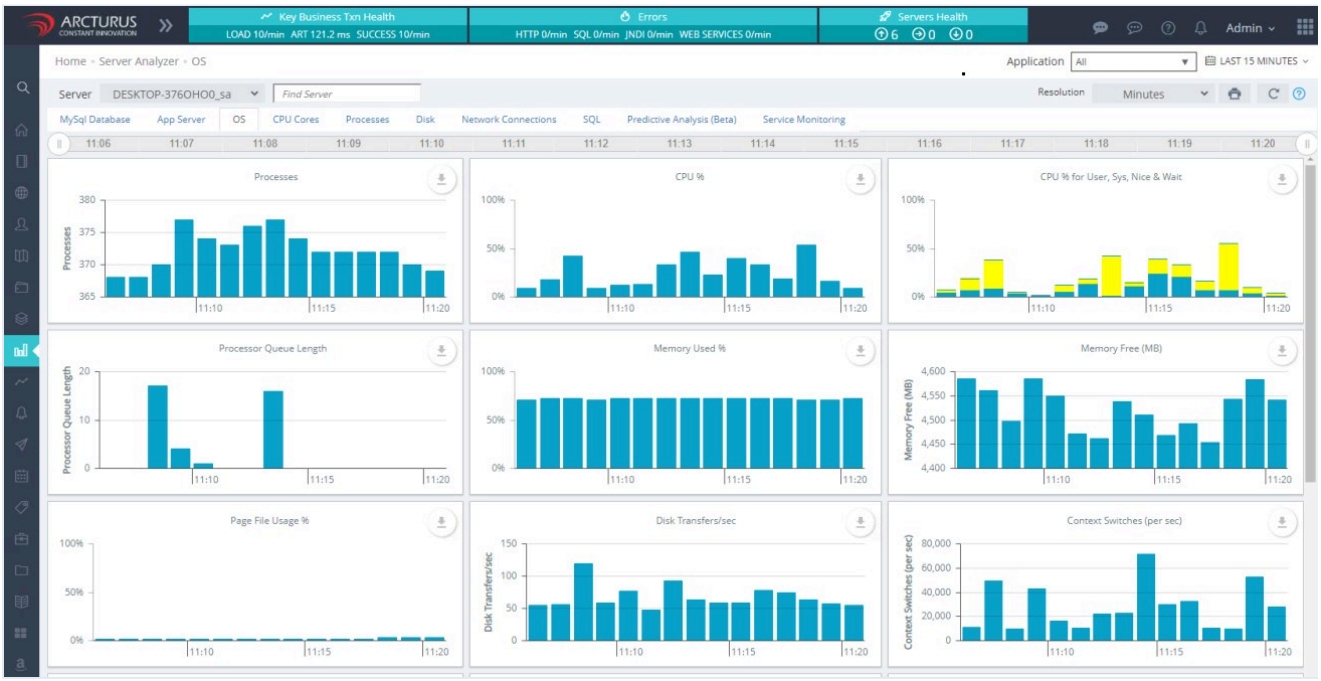
SQL

SQL Statement Profiling provides the performance statistics of database queries. It helps you identify which statements are the most time and quickly diagnose performance issues SQL/s. Additionally, It provides detailed stats, including information on the database, query count, average execution time and various percentiles.



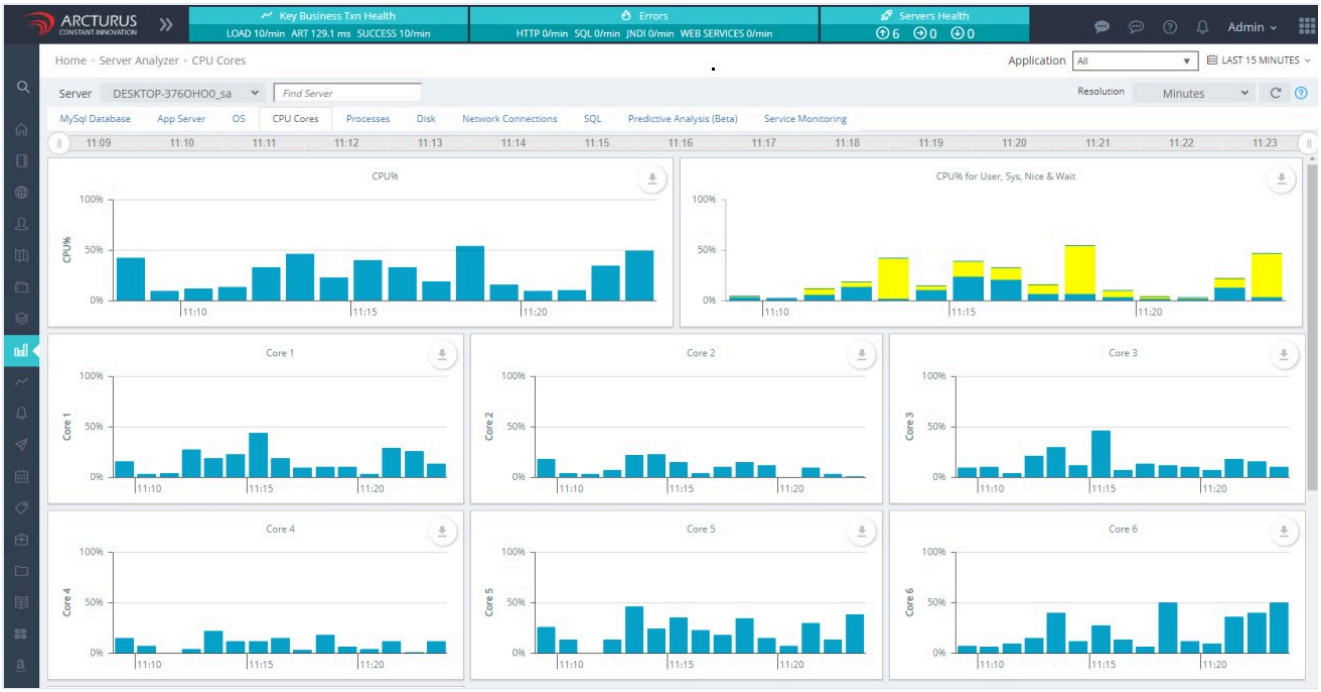
OS

This view offers a quick and convenient overview of your physical server's/VM's performance including details on the number of processes, context switches, CPU Usage, memory, storage performance and more.



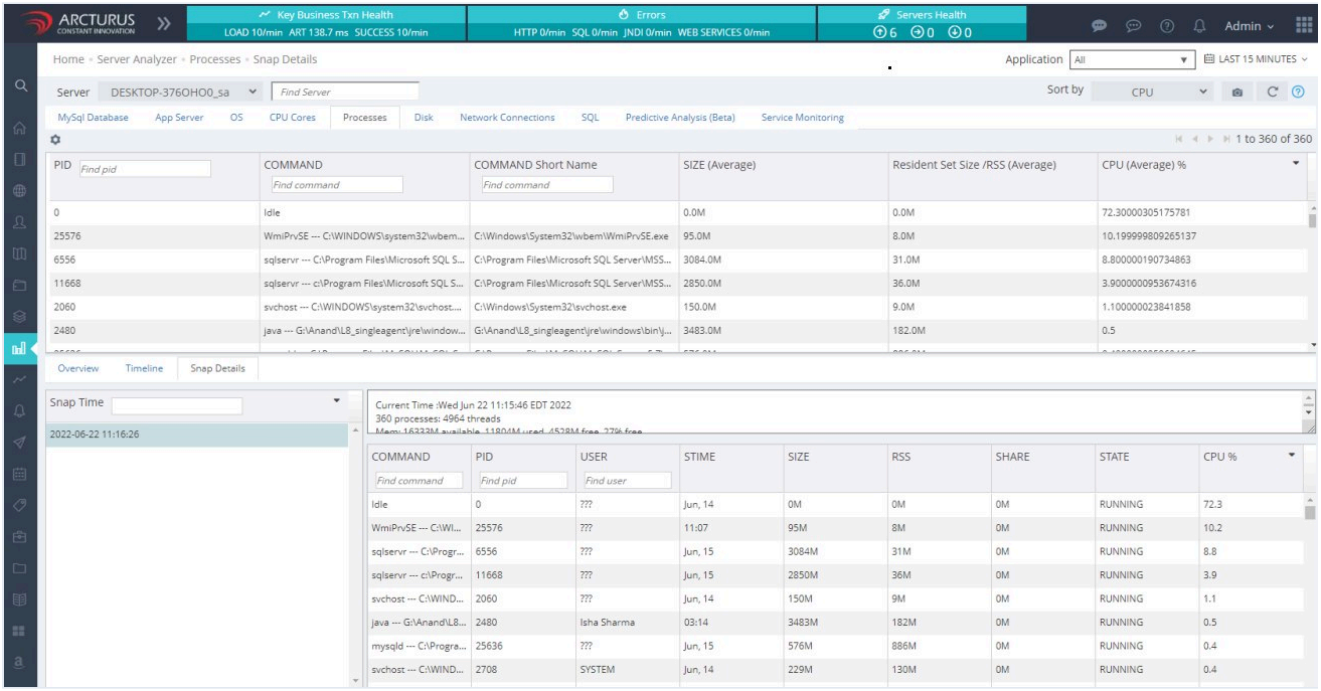
CPU CORE Analyzer

This view presents an overview of the overall CPU as well as detailed information about each individual CPU core.



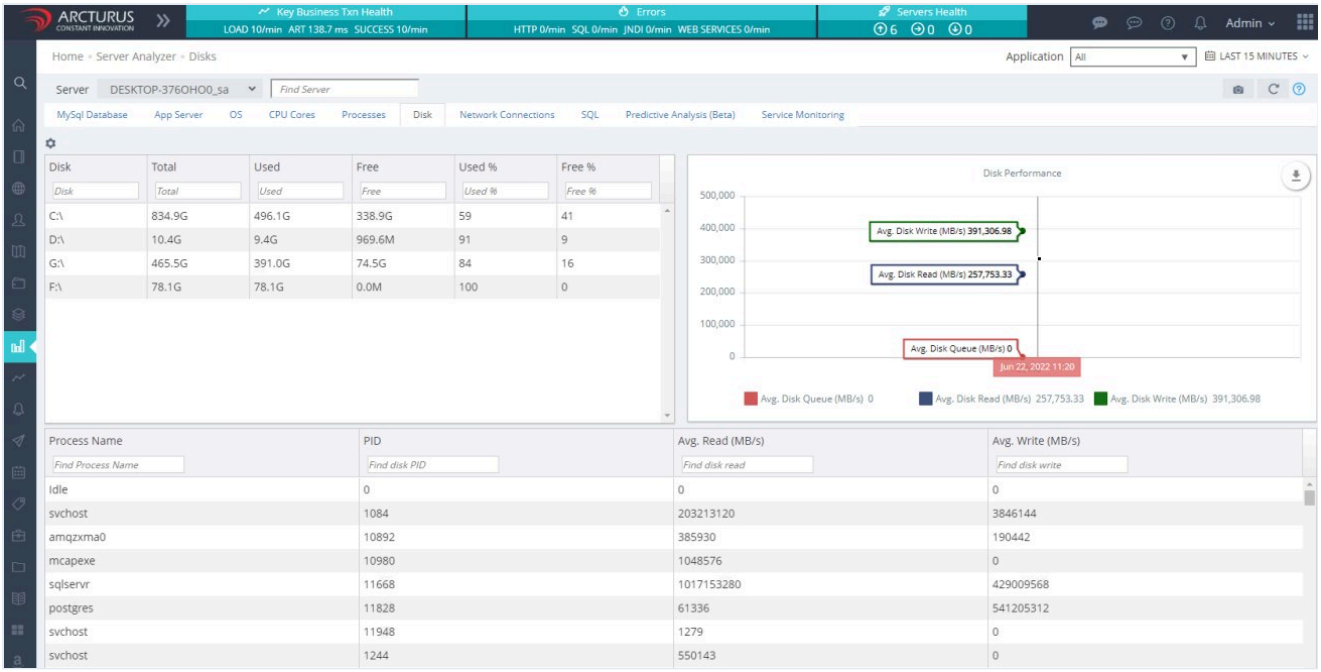
Processes

This view offers organized performance stats for CPU, memory and running processes. It includes historical snapshots of various processes, showing their resources consumption at specific times. By default, Applicare captures these snapshots every 10 minutes but you can adjust by changing the interval as needed.



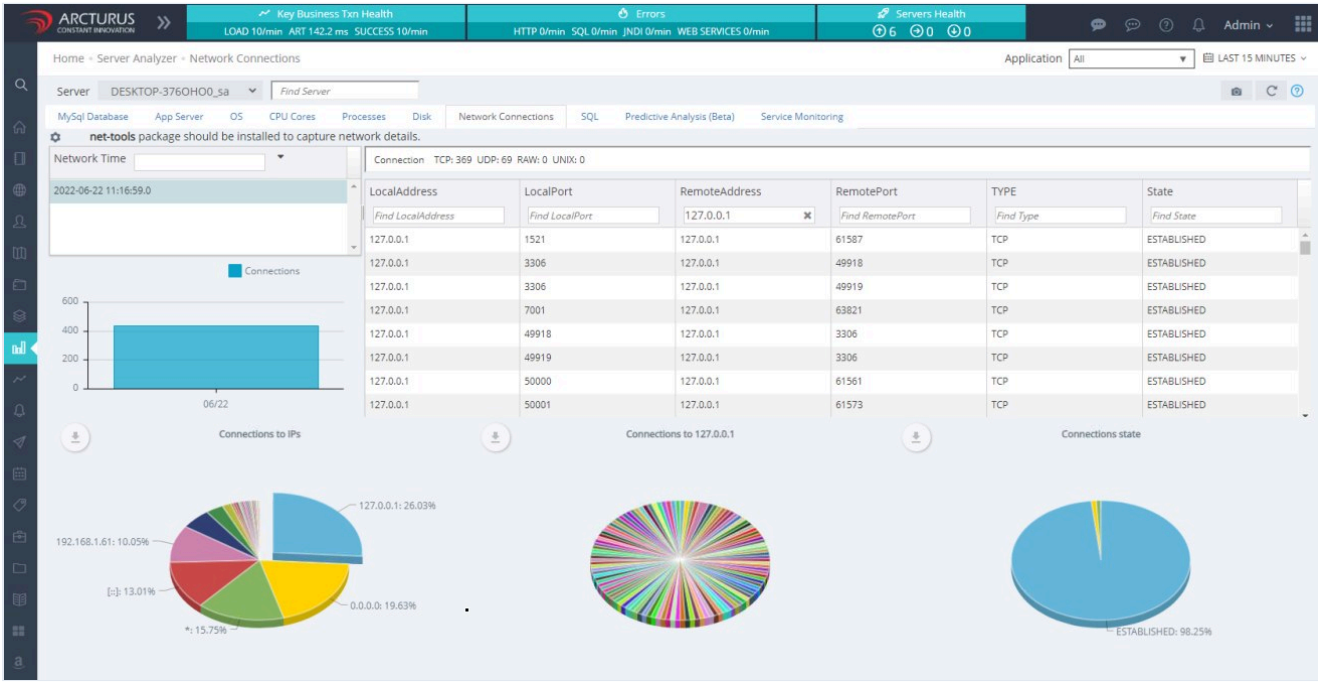
Disk

This view displays the disk usage for each individual process.



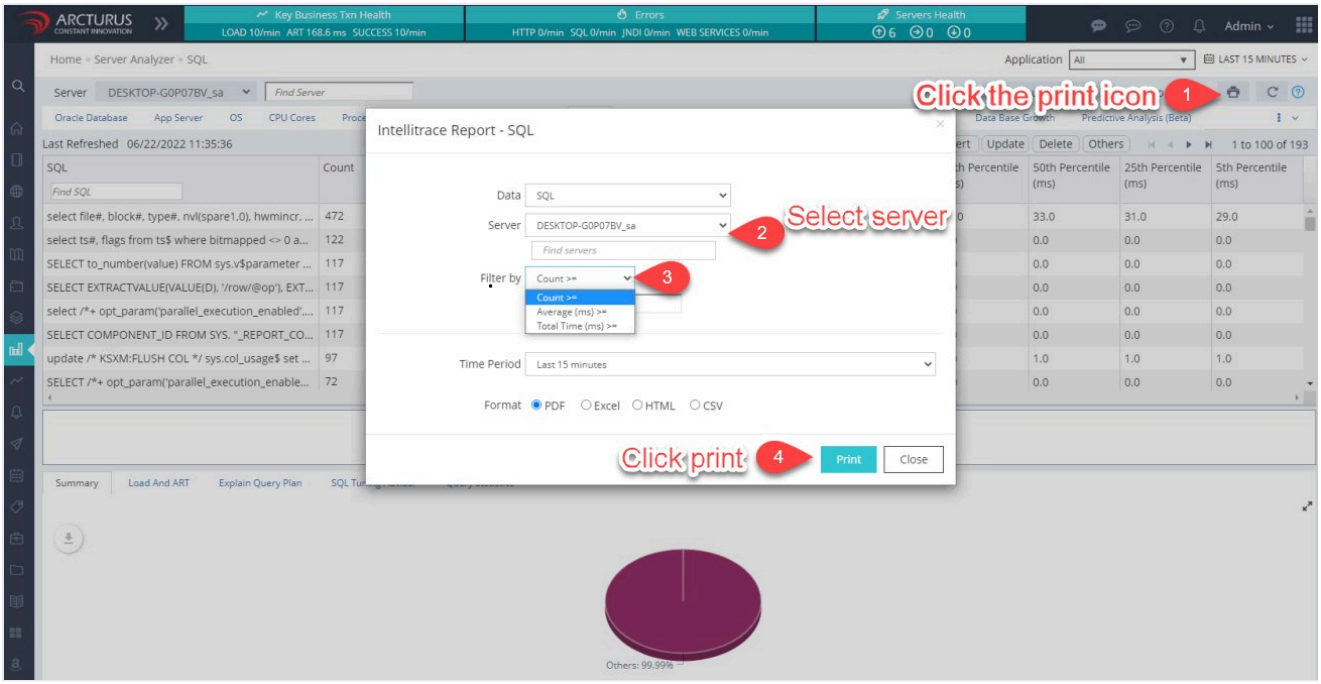
Network Connections

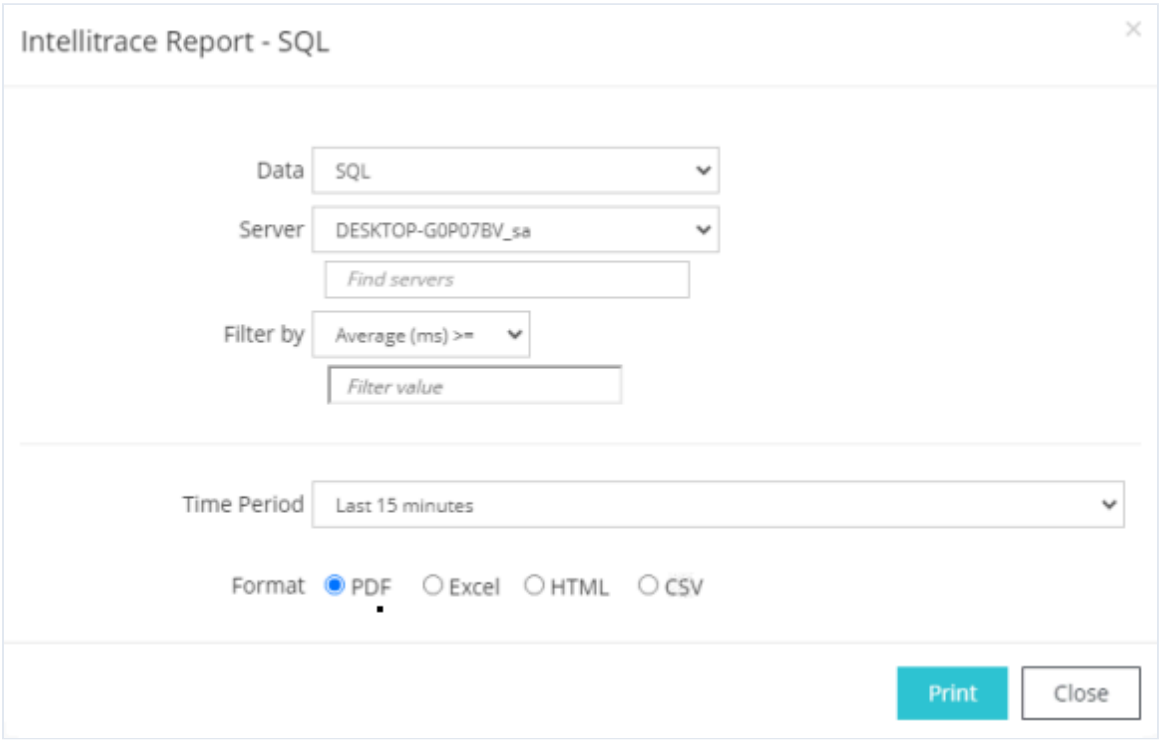
This view offers detailed information on TCP, UDP, RAW, and UNIX connection.

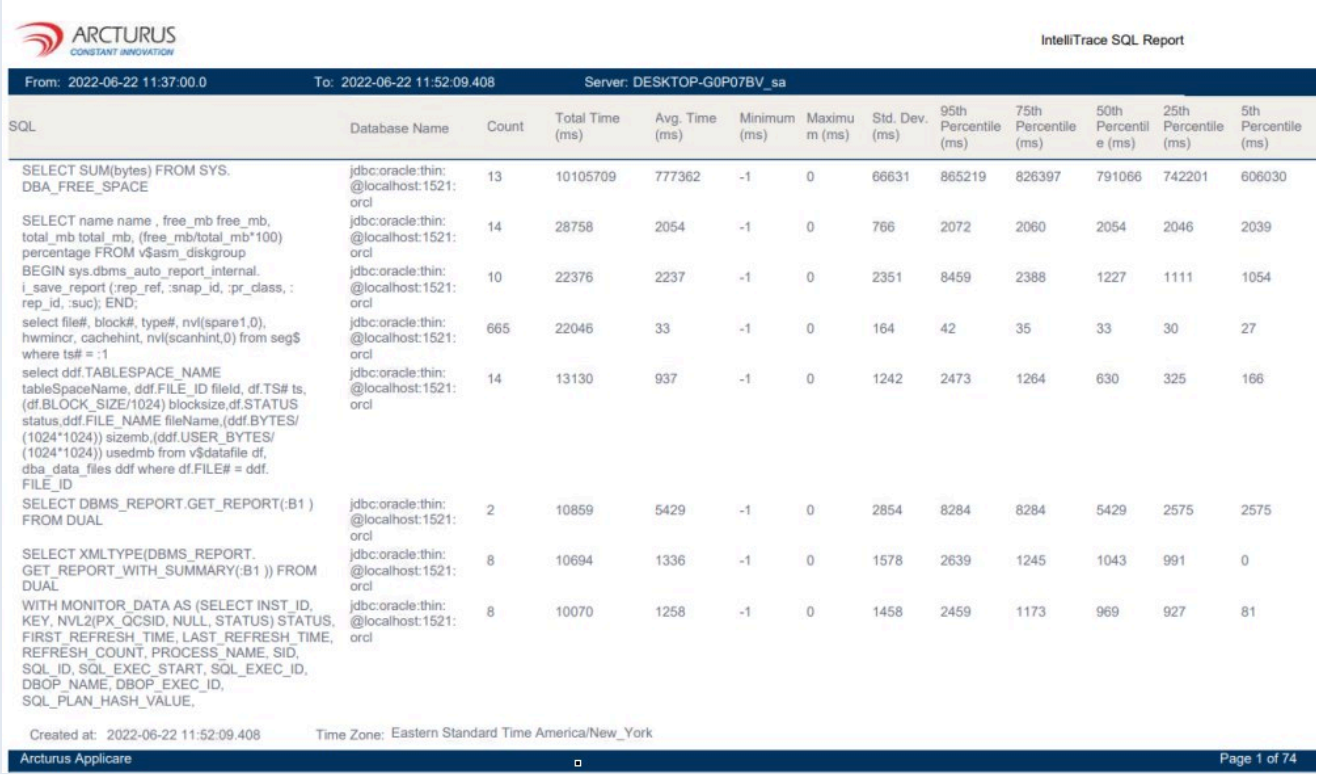


SQL Report

You can download SQL statements as a report by clicking the print icon on the SQL Screen within the Server Analyzer menu.


Click the print icon
1
Intellitrace Report - SQL
Data
SQL
Server
DESKTOP-G0P07BV_sa
Select server
2
Find servers
Filter by
Count >=
3
Average (ms) >=
Total Time (ms) >=
Time Period
Last 15 minutes
Format
PDF
Excel
HTML
CSV
Click print
4
Print
Close


Intellitrace Report - SQL
Data
SQL
Server
DESKTOP-G0P07BV_sa
Find servers
Filter by
Average (ms) >=
Filter value
Time Period
Last 15 minutes
Format
PDF
Excel
HTML
CSV
Print
Close



ARCTURUS
CONSTANT INNOVATION

IntelliTrace SQL Report

From: 2022-06-22 11:37:00.0 To: 2022-06-22 11:52:09.408 Server: DESKTOP-G0P07BV_sa

SQL	Database Name	Count	Total Time (ms)	Avg. Time (ms)	Minimum (ms)	Maximum (ms)	Std. Dev. (ms)	95th Percentile (ms)	75th Percentile (ms)	50th Percentile (ms)	25th Percentile (ms)	5th Percentile (ms)
SELECT SUM(bytes) FROM SYS.DBA_FREE_SPACE	jdbc:oracle:thin:@localhost:1521:orcl	13	10105709	777362	-1	0	66631	865219	826397	791066	742201	606030
SELECT name name , free_mb free_mb, total_mb total_mb, (free_mb/total_mb*100) percentage FROM v$asm_diskgroup	jdbc:oracle:thin:@localhost:1521:orcl	14	28758	2054	-1	0	766	2072	2060	2054	2046	2039
BEGIN sys.dbms_auto_report_internal.i_save_report (:rep_ref, :snap_id, :pr_class, :rep_id, :suc); END;	jdbc:oracle:thin:@localhost:1521:orcl	10	22376	2237	-1	0	2351	8459	2388	1227	1111	1054
select file#, block#, type#, nvl(spare1,0), hwmincr, cachehint, nvl(scanhint,0) from seg$ where ts# = :1	jdbc:oracle:thin:@localhost:1521:orcl	665	22046	33	-1	0	164	42	35	33	30	27
select ddf.TABLESPACE_NAME tableSpaceName, ddf.FILE_ID fileId, df.TS# ts, (df.BLOCK_SIZE/1024) blocksize,df.STATUS status,ddf.FILE_NAME fileName,(ddf.BYTES/(1024*1024)) sizemb,(ddf.USER_BYTES/(1024*1024)) usedmb from v$datafile df, dba_data_files ddf where df.FILE# = ddf.FILE_ID	jdbc:oracle:thin:@localhost:1521:orcl	14	13130	937	-1	0	1242	2473	1264	630	325	166
SELECT DBMS_REPORT.GET_REPORT(:B1) FROM DUAL	jdbc:oracle:thin:@localhost:1521:orcl	2	10859	5429	-1	0	2854	8284	8284	5429	2575	2575
SELECT XMLTYPE(DBMS_REPORT.GET_REPORT_WITH_SUMMARY(:B1)) FROM DUAL	jdbc:oracle:thin:@localhost:1521:orcl	8	10694	1336	-1	0	1578	2639	1245	1043	991	0
WITH MONITOR_DATA AS (SELECT INST_ID, KEY, NVL2(PX_QCSID, NULL, STATUS) STATUS, FIRST_REFRESH_TIME, LAST_REFRESH_TIME, REFRESH_COUNT, PROCESS_NAME, SID, SQL_ID, SQL_EXEC_START, SQL_EXEC_ID, DBOP_NAME, DBOP_EXEC_ID, SQL_PLAN_HASH_VALUE,	jdbc:oracle:thin:@localhost:1521:orcl	8	10070	1258	-1	0	1458	2459	1173	969	927	81

Created at: 2022-06-22 11:52:09.408 Time Zone: Eastern Standard Time America/New_York

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Configuration

PostgreSQL Database Setup

Monitoring with Applicare