CONFIGURATION GUIDES › DATABASES

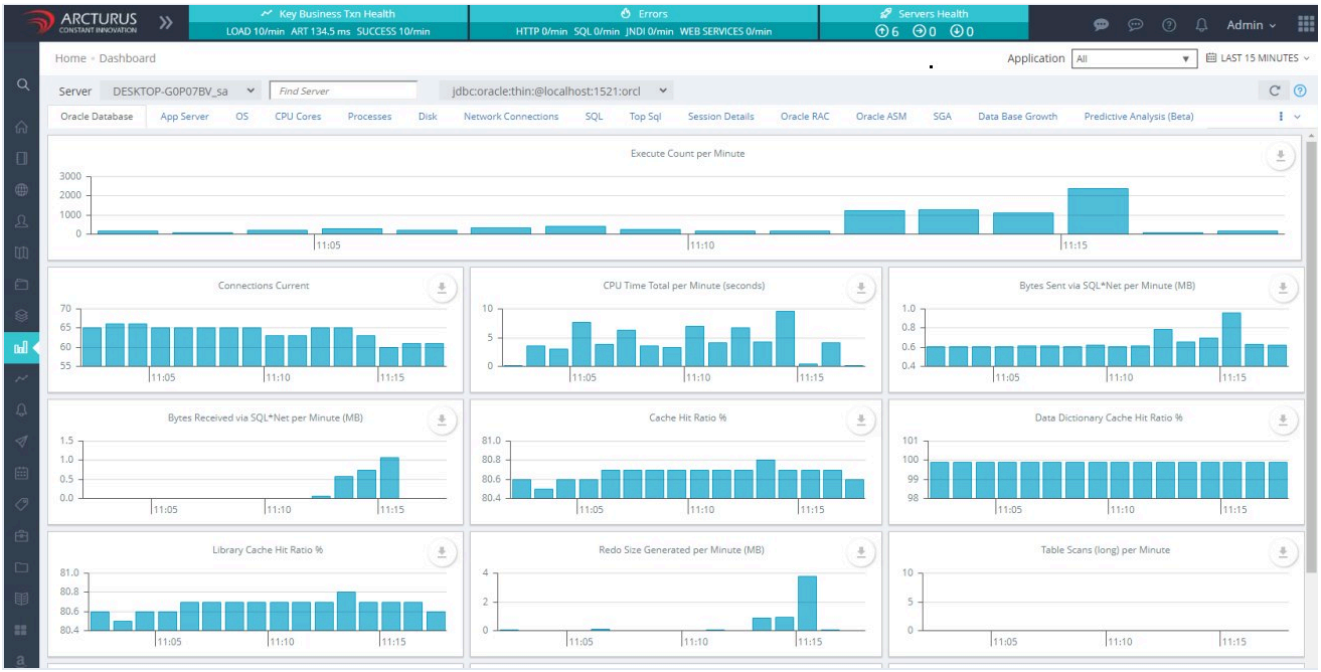
Oracle Database Monitoring

Applicare 10.0 · Updated August 22, 2024 · oracle · **Pending technical review**

Log in to Applicare console and navigate to the **Server Analyzer** menu item on the left to view the details.

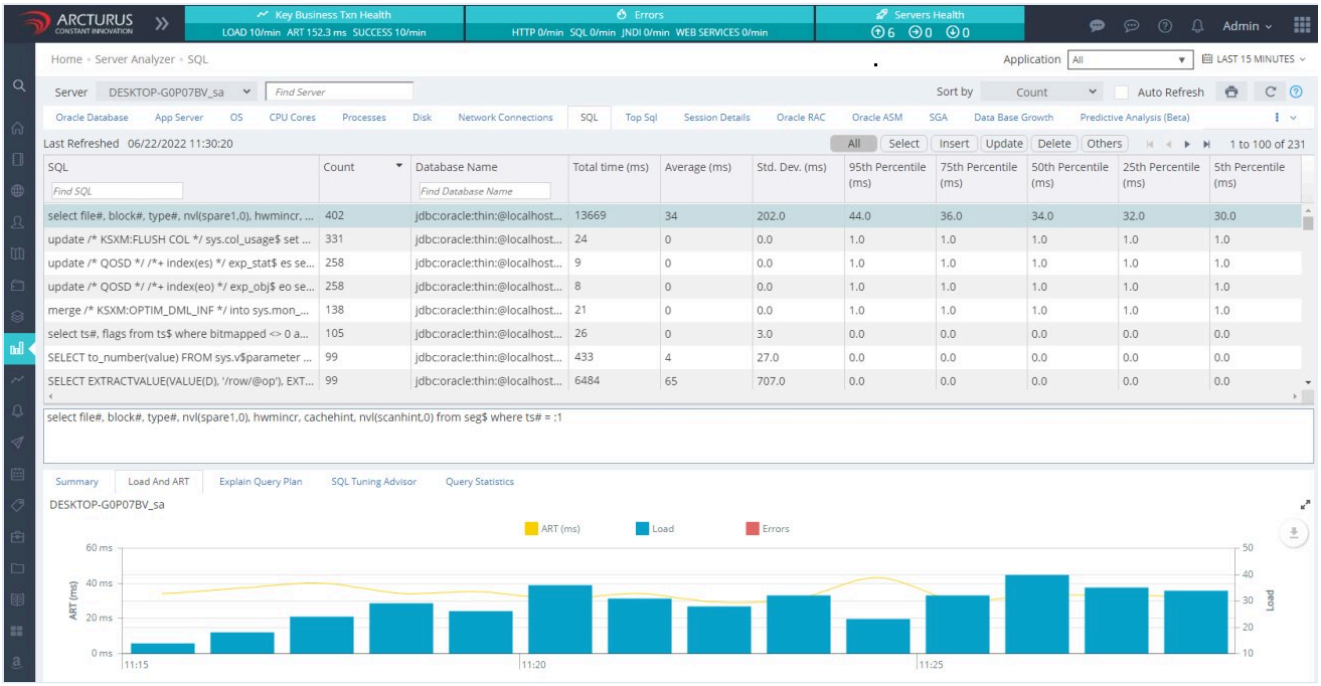
Dashboard

Database performance metrics assist monitoring and optimizing your database's performance business. These metrics are calculated for the entire server, not just the database specified in the JDBC URL.



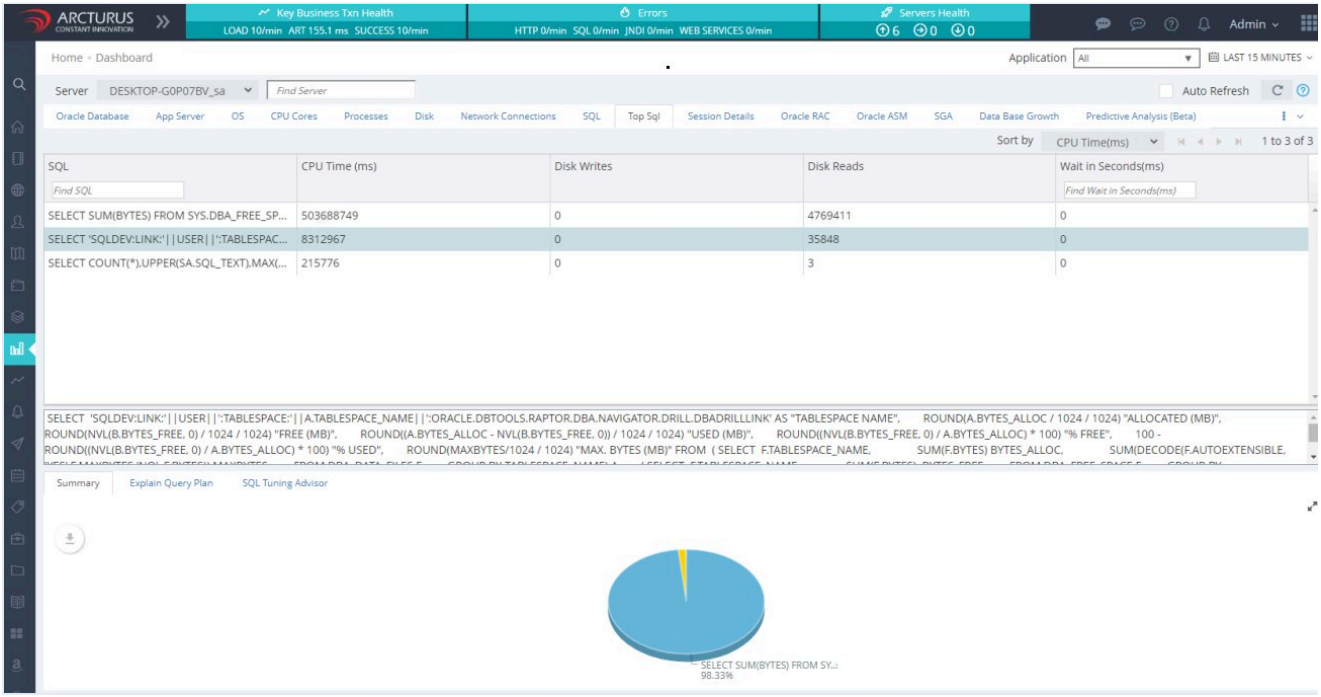
SQL

SQL Statement Profiling offers performance statistics for database queries. Helping you identify which statements most time-consuming and diagnose performance issues swiftly. It also provides detailed stats including information of the database, query count, average execution time and various percentiles.



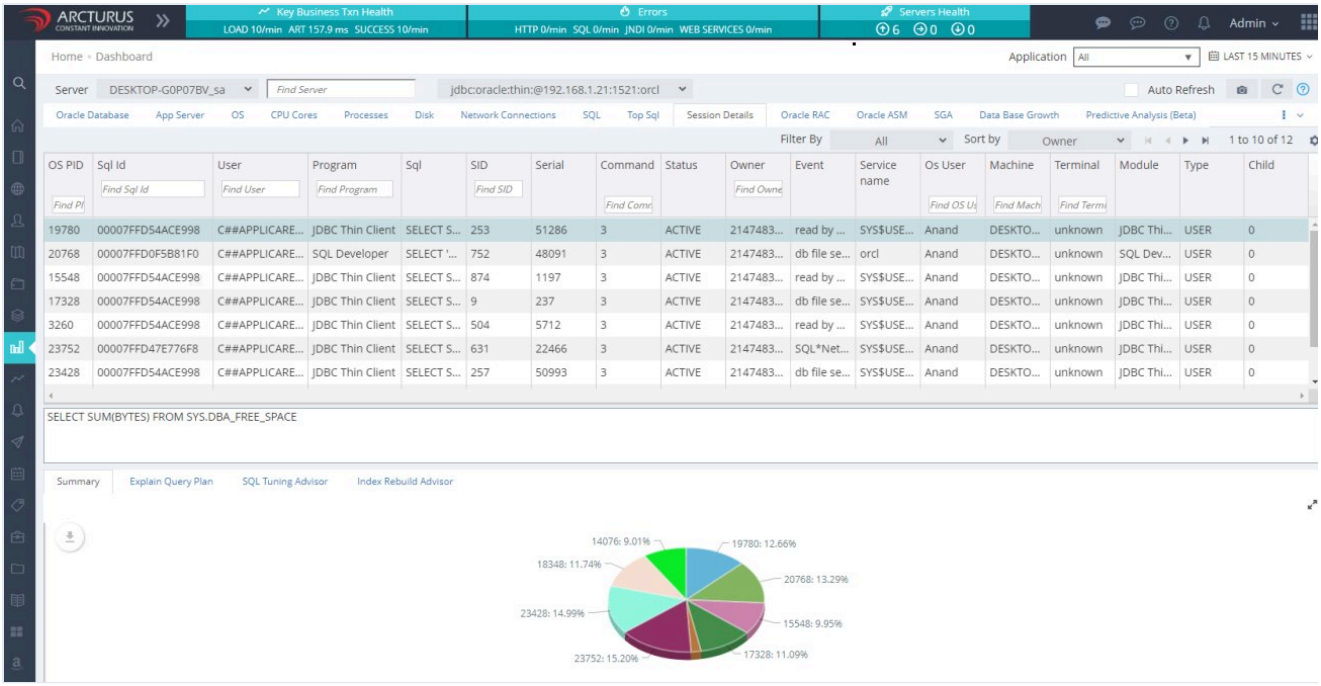
Top SQL Details

This view shows the SQL statements that are executed most frequently and consume more system resources compared to others.



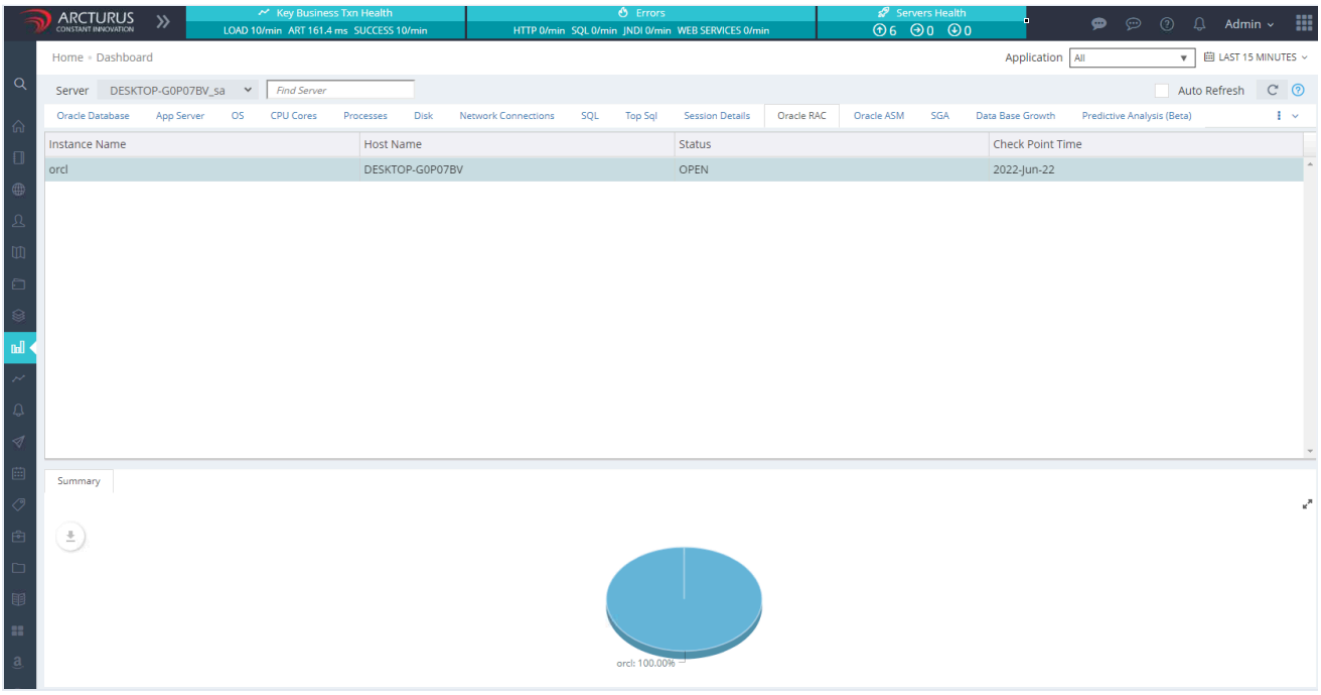
Session Details

It provides details about the current user's session.



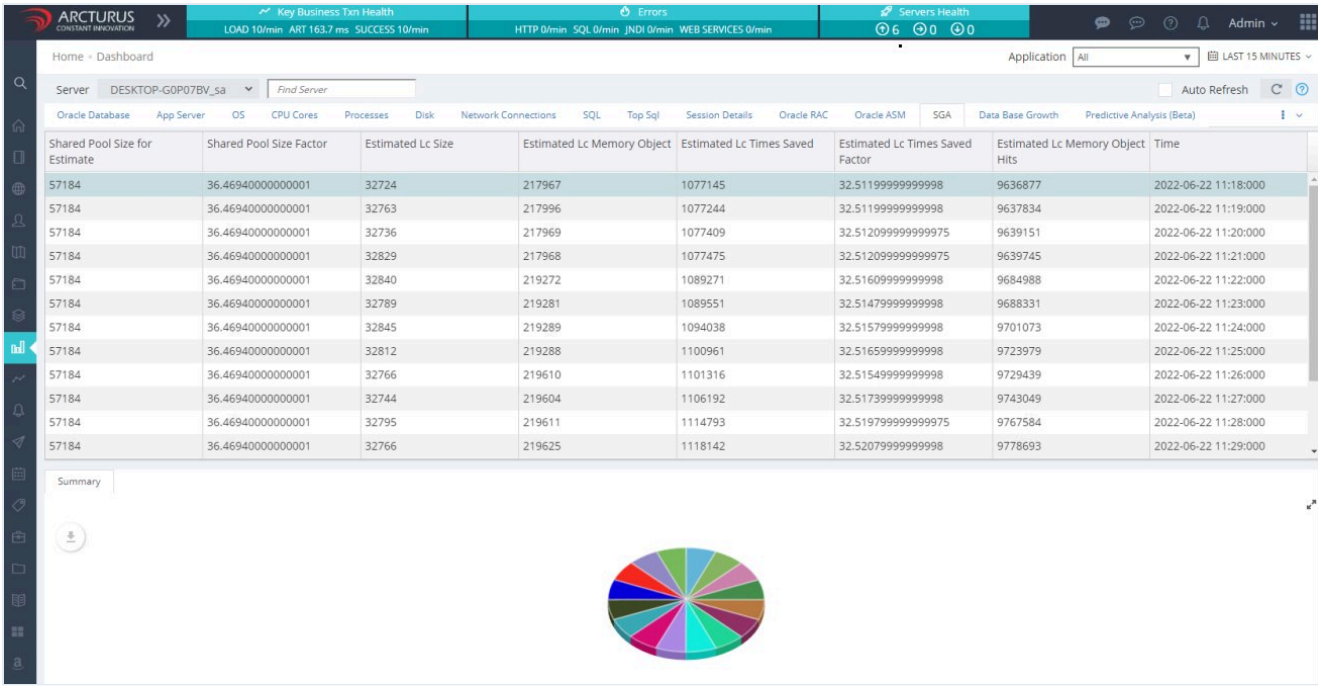
RAC Details

Oracle Real Application Clusters (RAC) allow customers to run a single Oracle Database across multiple servers in order to maximize availability and enable horizontal scalability, while accessing shared storage.



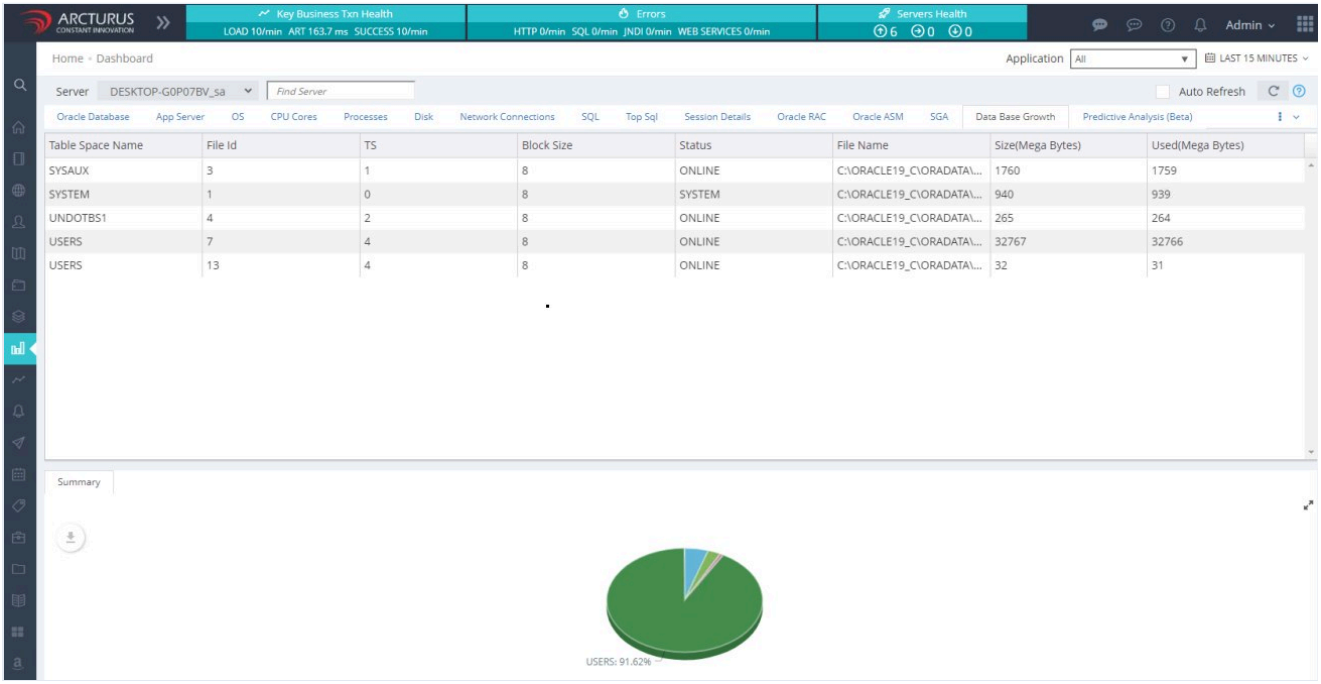
SGA Details

The System Global Area (SGA) is a collection of shared memory structures, referred to as SGA components, that store data and control information.



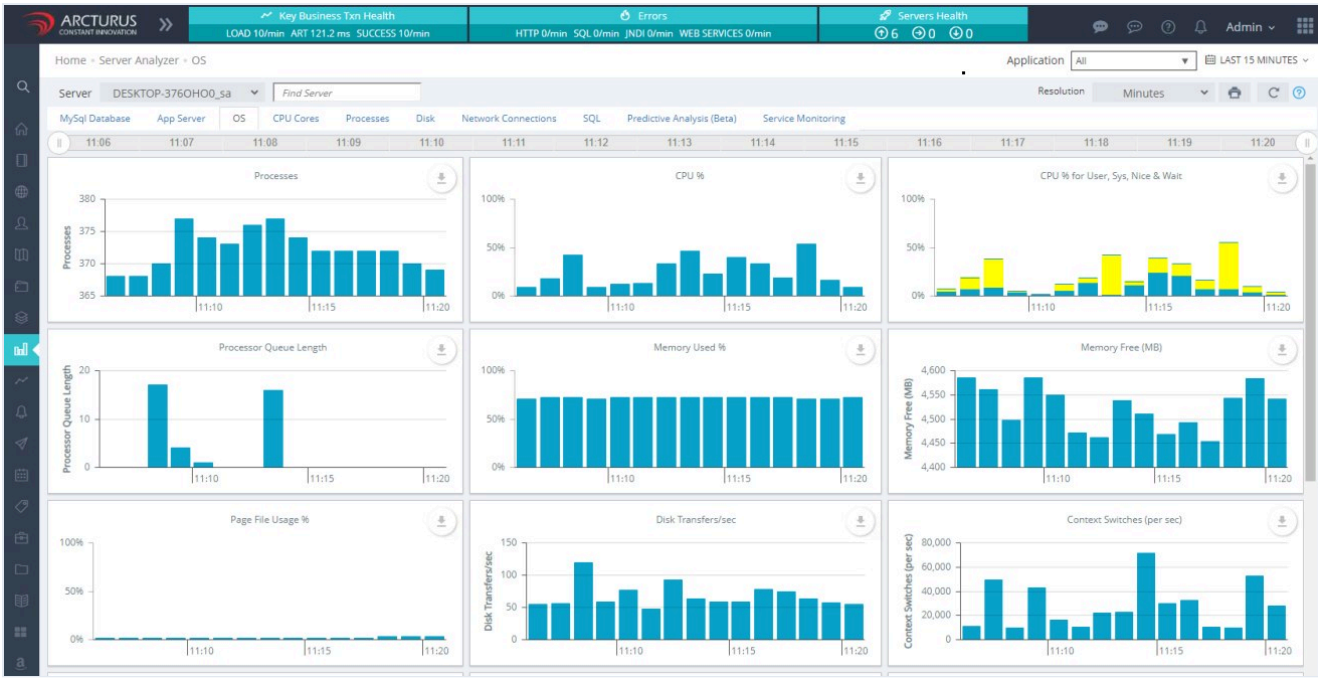
Database Growth

It display the Database Growth details.



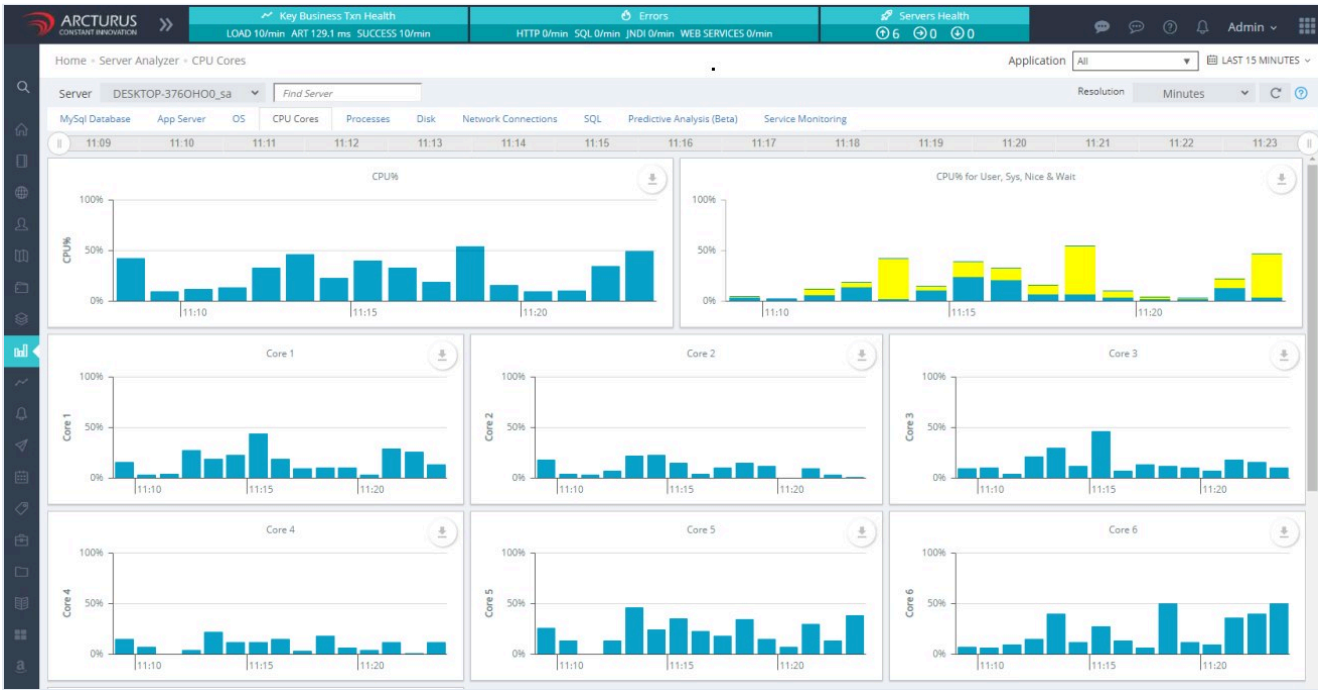
OS

This view offers a quick and easy overview of your physical server's or VM's performance, including metrics such as the number of processes, context switches, CPU Usage, memory and storage performance, among others.



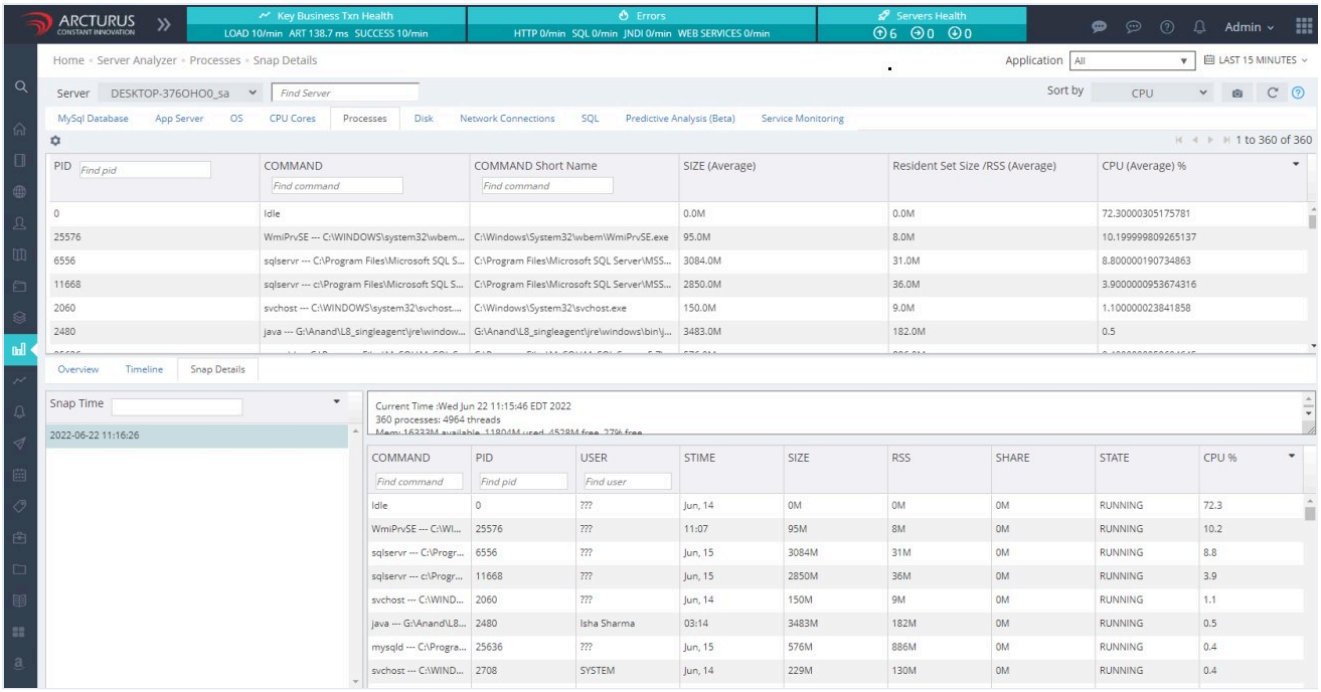
CPU Core Analyzer

This view provides the overall CPU and it's individual CPU core details.



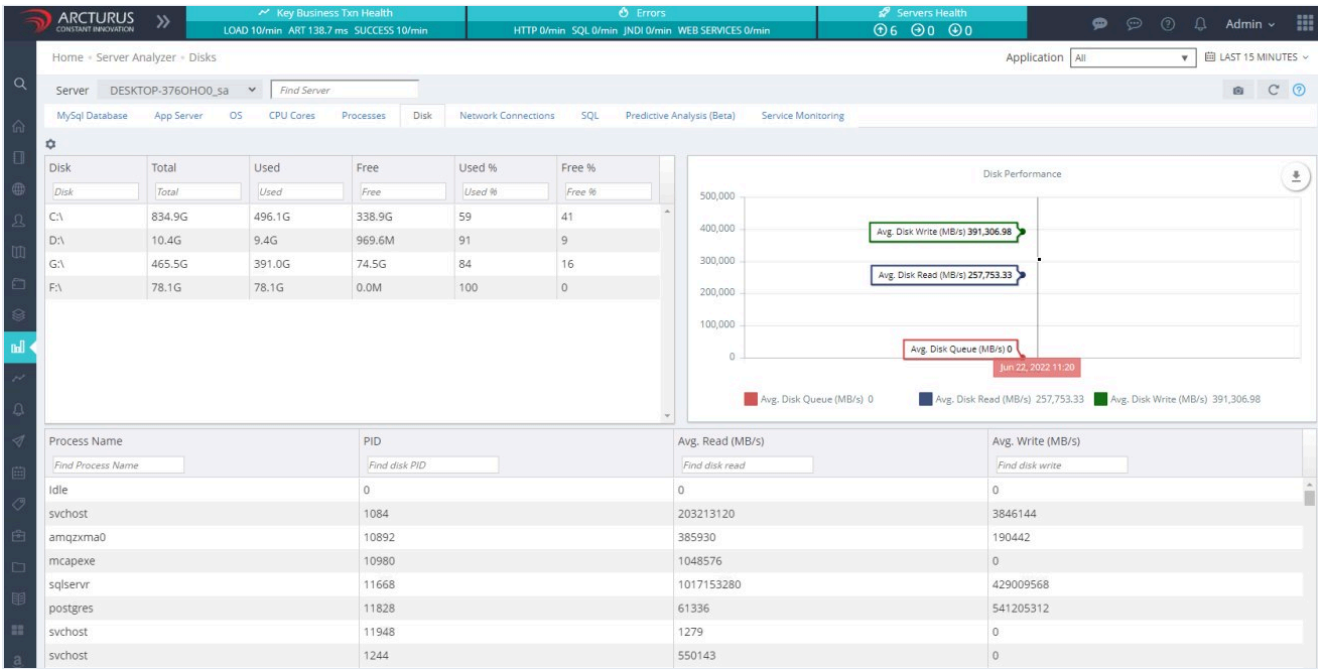
Processes

This view offers performance stats for CPU, memory and running processes. It includes historical snapshots of various processes. showing their resource consumption at specific times. By default, Applicare takes a snapshot every 10 minutes, but this interval can be adjusted through configuration.



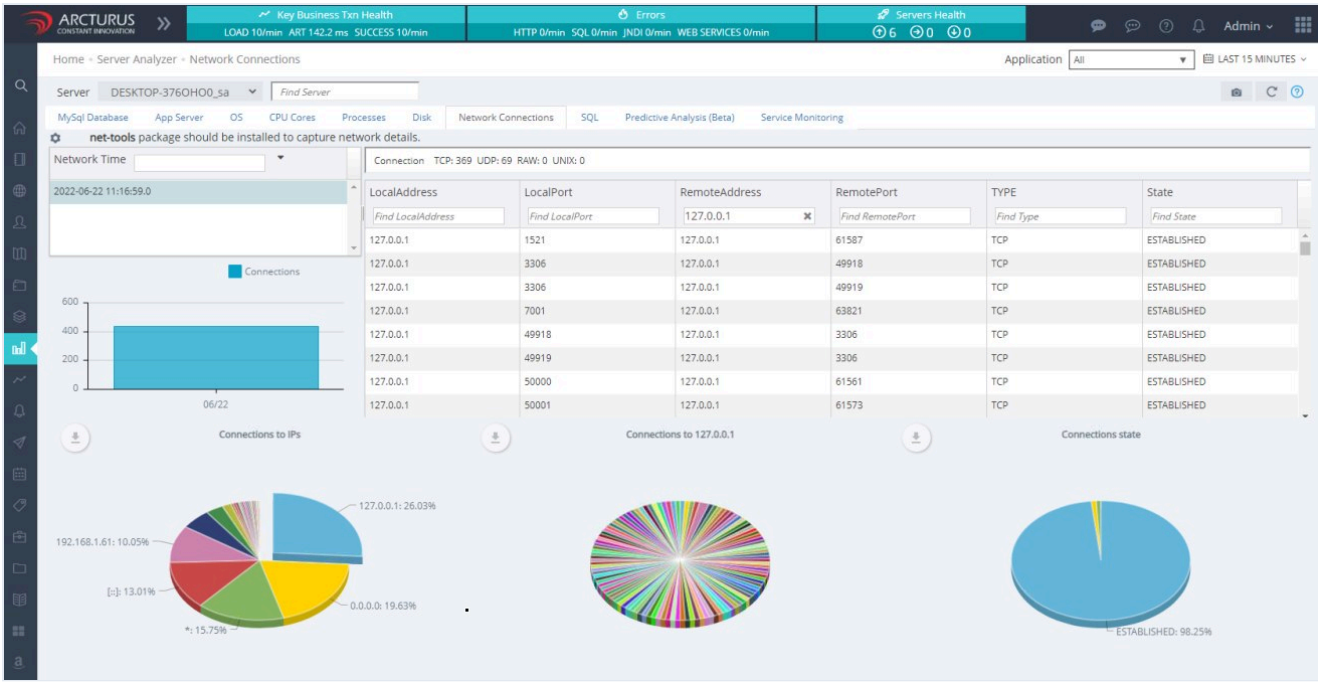
Disk

This view shows the disk usage for each individual process.



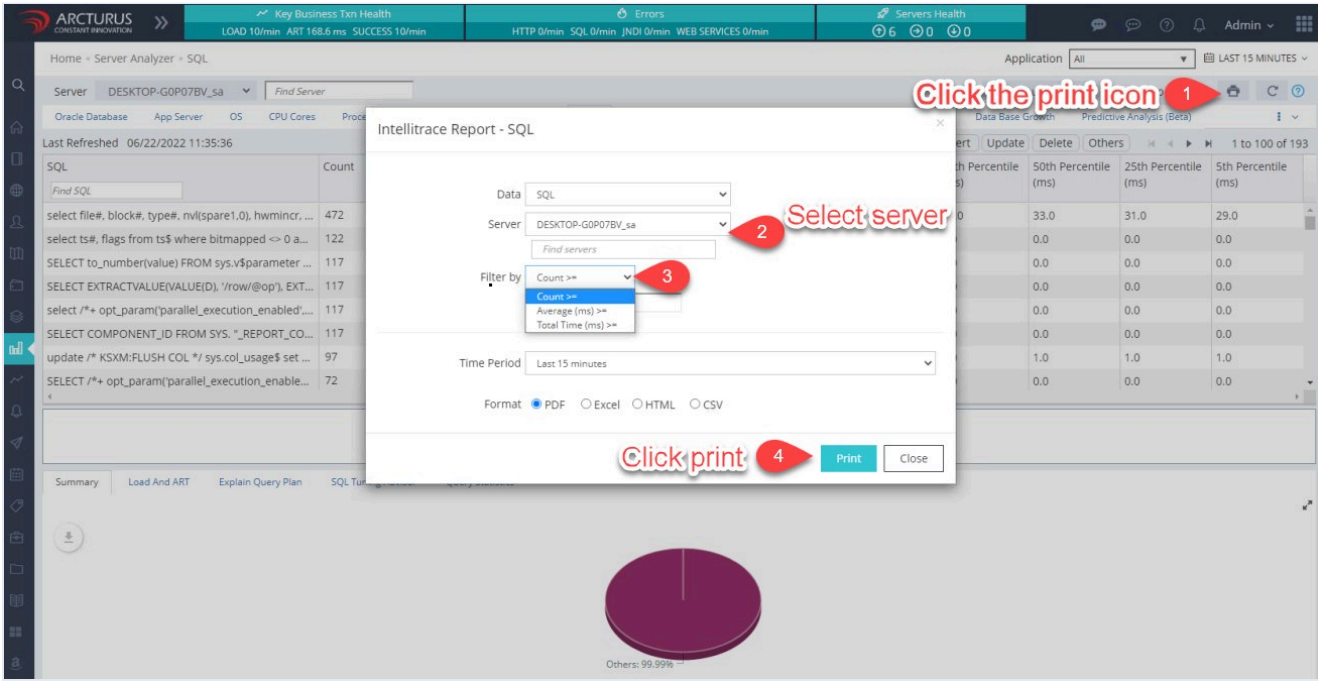
Network Connections

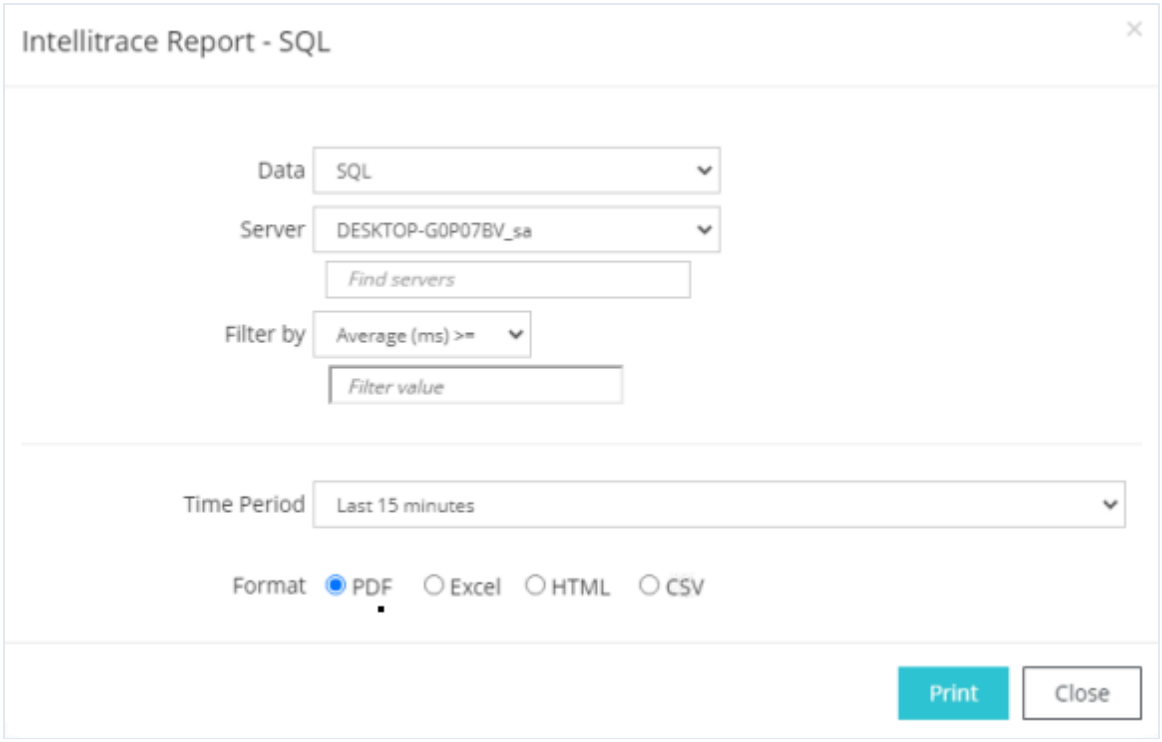
This view provides the TCP, UDP, RAW, and UNIX connection Details.



SQL Report

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







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

Configuring Monitoring for Oracle Databases