



Product Data Sheet

Features at a glance

Generate hourly, daily, monthly and yearly aggregate records for all ASAP and AutoASAP entities.

View ASAP Reporter Aggregate database online using ASAP Client or SQL/ODBC tools.

Easy to use - Runs automatically every night.

Track Application and System Availability over long periods.

ASAP Reporter

Online Historical Analysis

Aggregate (Hourly, Daily, Monthly & Yearly) views of the entire ASAP Database for Historical analysis.

ASAP Data Collection and Monitoring

ASAP monitors and reports high-level, real-time network, system and application availability from one or more nodes. You can use ASAP to view and analyze real-time or historical network-wide views of Application, CPU, Disk, Expand, File, Node, Process, ProcessBusy, RDF, Spooler, System, Tape, TMF, AutoASAP (ServerNet, Communication Lines, Measure (File, DiskFile & Process), Pathway ServerClass, CustApp, SQL, OSS (CPU & NS), TCP/IP) availability.

ASAP and AutoASAP availability information is stored in the ASAP database for historic reference. This information is collected at defined intervals and forwarded to a Collection process residing on the same or another node in the network. The Collection process maintains this information in the ASAP database. The ASAP database is a real-time structured database, organized so that the most current network availability information is immediately available. The Database maintenance "Rollover" option creates a new set of ASAP entity files daily.

The ASAP Database collects **ASAP, AutoASAP and Customer availability and performance** information for all **Nodes** every few **minutes** (collection interval), for **several days** and **months** (rollover option). Since the ASAP Database can contain availability information for an entire enterprise, over time it becomes very important to perform data base reduction and information archival for longer term analysis.

ASAP Reporter

ASAP Reporter provides Online Aggregate (Hourly, Daily, Monthly and Yearly) views of the entire ASAP Database for Historical analysis.

ASAP Reporter, run once per day, automatically maintains an Aggregate ASAP Enscribe or Nonstop SQL Database.

The ASAP REPORTER Aggregate ASAP Database contains ASAP, AutoASAP and Customer availability and performance information for all Nodes, summarized by **HOUR, DAY, MONTH** and **YEAR**.

ASAP Reporter Features:

- Use the ASAP Client to view and analyze historical availability and performance statistics for all ASAP entities from the ASAP Reporter Aggregate DB.
 - *Graph Object History* - allows you to drill back in time to obtain object history.
 - *Download Wizard* - download historical data for analysis for a selected date, time, and sample interval. The ASAP Download Wizard lets you analyze availability stats for an entirely different time, day, month or year.
- Years of ASAP availability and performance information can be kept online.
- Quick retrieval of Aggregate statistical information.
- Track Application Availability over long periods.
- ASAP Reporter supports an Enscribe and Nonstop SQL Aggregate Database.
- SQL and ODBC products can be used to query and analyze the ASAP Reporter Aggregate SQL Database.
- Free up Disk space – purge/archive ASAP DB files after processing by ASAP Reporter.
 - For some ASAP entities, more than **95%** Disk space saved!!!
- Parallel execution for faster aggregate record creation.
- Selective – Generate aggregate records for single or multiple ASAP entities, by minute or hour or for a single day or entire month or the entire year.
- DOTs - Collects ASAP Discrete Object Threshold statistics(%up, %warning, %critical, etc).
- Easy to use - ASAP Reporter is run once per day and automatically maintains the Aggregate ASAP Database.

Sample ASAP Reporter Aggregate Statistics:

Hourly:

Cpu	Date	Time	Busy%	Disp	Disc	Chit	PgLk	lbsy	Sbsy
00	12/10	23:01	4	135		1	5501	.5	
		22:01	4	149	2	7	5503	.6	4.2
		21:01	10	219	19	36	5509	1.2	20.9

Daily:

Cpu	Date	Time	Busy%	Disp	Disc	Chit	PgLk	lbsy	Sbsy
00	12/10	0:01	5	157	5	8	5565	.6	24.1
	12/09	0:01	5	150	4	8	5644	.6	13.7
	12/08	0:01	4	135		1	5637	.5	.1

Monthly:

Cpu	Date	Time	Busy%	Disp	Disc	Chit	PgLk	lbsy	Sbsy
00	12/01	0:01	4	143	1	4	5644	.5	17.8
	11/01	0:01	4	139	2		5654	.5	9.8
	10/01	0:01	9	201	14	32	5683	.8	22.7

SQL:

Select extend(converttimestamp(ts), year to minute), sysname, cpuno, busy, disps, discs, chits
from XHHcpu where busy > 5;

Date/Time	SYSNAME	CPUNO	BUSY	DISPS	DISCS	CHITS
2002-12-03:16:01	\SOFT	0	11	184	7	18
2002-12-03:09:01	\SOFT	0	6	155	0	11
2002-12-03:16:01	\SOFT	1	8	59	1	2

To see ASAP Reporter Views, please visit www.TANDsoft.com

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