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Performance Monitor for Oracle

I/O Stats

I/O Analyze

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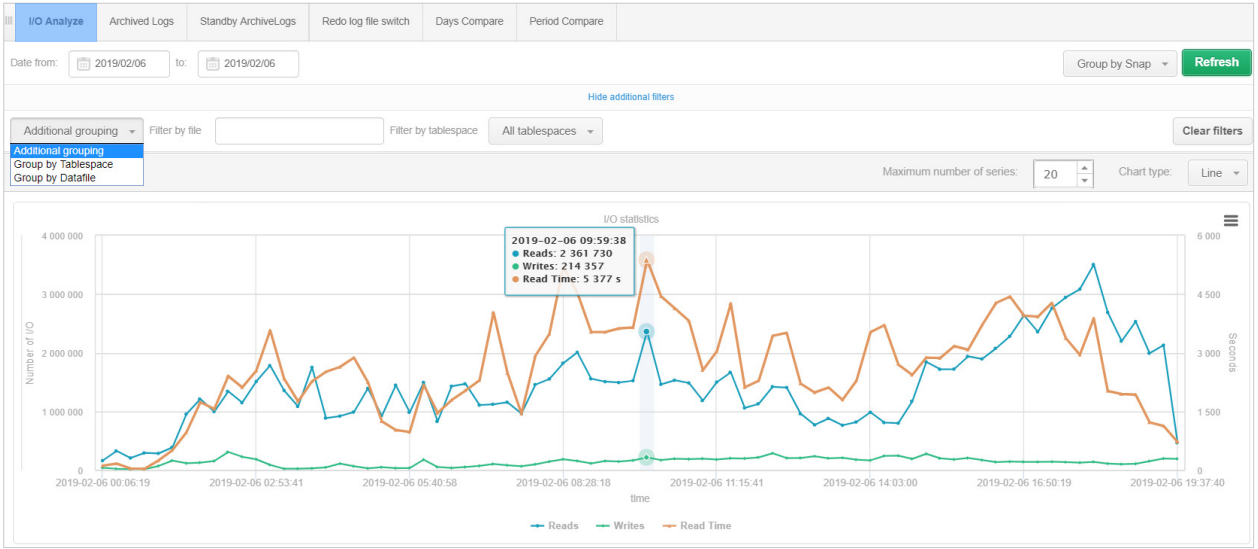
The I/O module allows you to verify the occurrence of performance problems on disk devices.

It is possible to compare the performance of reads and writes for a selected period of time, grouped by one of the selected options:

- *Snap (15 minutes)*
- *Hour*
- *Day*
- *Month*
- *No grouping*



INPUT/OUTPUT STATISTICS — Clear selection

LogDate	Reads	Writes	Block Read	Block Written	Read Time [Seconds]	Write Time [Seconds]	Block Read Time [Seconds]	Block Write Time [Seconds]
2019-02-06 00:06:19	159 320	36 501	159 345	98 377	109.180	62.160	0.0007	0.0006
2019-02-06 00:21:42	323 531	19 915	338 161	35 293	162.610	62.240	0.0005	0.0018
2019-02-06 00:36:53	203 849	13 036	350 609	28 101	35.700	17.230	0.0001	0.0006
2019-02-06 00:52:02	289 850	12 711	346 213	24 860	31.110	17.660	0.0001	0.0007
2019-02-06 01:07:09	281 810	67 477	328 904	141 644	242.270	104.560	0.0007	0.0007

Archived Logs

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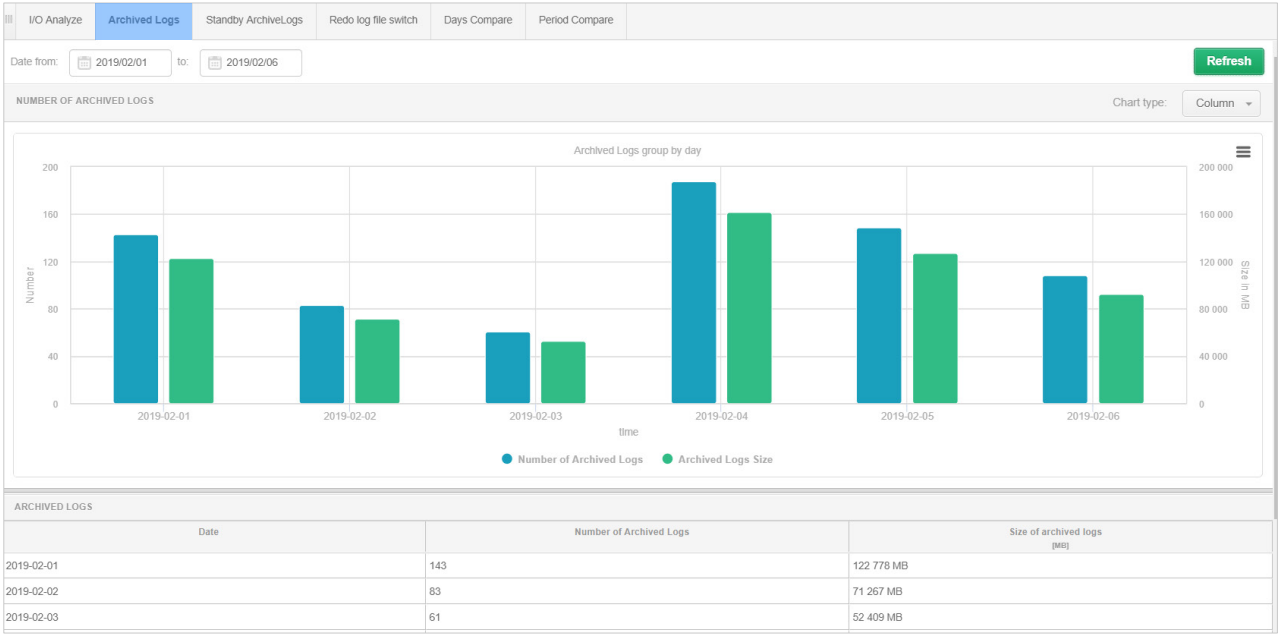
On the screen, you can read the number of **arch files** and their size for a given period of time.

Data are grouped by the **hour** as well as by the **day.**



ARCHIVED LOGS

Date	Number of Archived Logs	Size of archived logs (MB)
2019-02-01	143	122 778 MB
2019-02-02	83	71 267 MB
2019-02-03	61	52 409 MB

Standby ArchiveLogs

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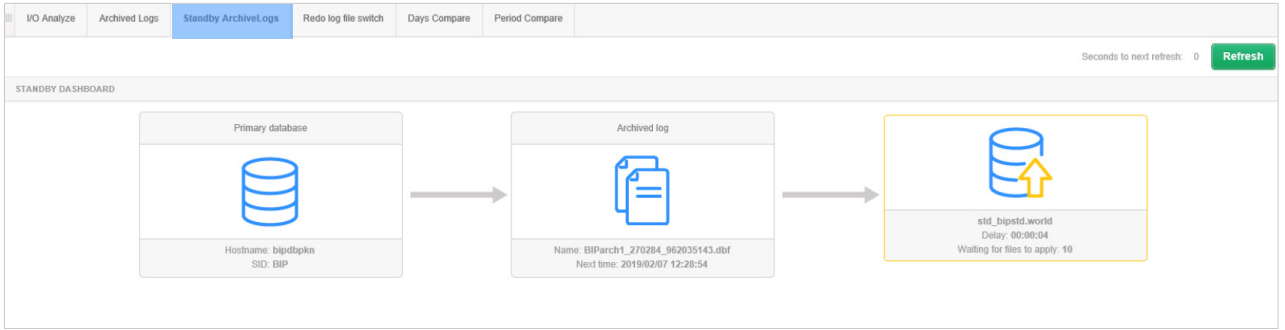
On the screen, you can see information about the status of the current data in the **Standby** database.

For the Standby database, the **delay time** as well as the **number of files** to be loaded in relation to production data are visible.

After clicking on the **Archived log** icon, you can see additional information about the arch files.



SHOW ARCHIVED LOGS DATA

Date from: 2019/02/07 to: 2019/02/07 Refresh

Standby name	First scn	Next scn	First time	Next time	Completion time	Archived	Deleted	Status	Applied
/icars/arch/arch_1	14277960385	142779606774	2019:02:06 23:5	2019:02:07 00:(	2019:02:07 00:(	YES	NO	Available	NO
/icars/arch/arch_1	14277960677	142779609475	2019:02:07 00:(	2019:02:07 00:(	2019:02:07 00:(	YES	NO	Available	NO
/icars/arch/arch_1	14277960947	142779612120	2019:02:07 00:(	2019:02:07 00:(	2019:02:07 00:(	YES	NO	Available	NO
/icars/arch/arch_1	14277961212	142779614812	2019:02:07 00:(	2019:02:07 00:(	2019:02:07 00:(	YES	NO	Available	NO
/icars/arch/arch_1	14277961481	142779618175	2019:02:07 00:(	2019:02:07 00:(	2019:02:07 00:(	YES	NO	Available	NO
/icars/arch/arch_1	14277961817	142779620804	2019:02:07 00:(	2019:02:07 00:(	2019:02:07 00:(	YES	NO	Available	NO
/icars/arch/arch_1	14277962080	142779622056	2019:02:07 00:(	2019:02:07 00:(	2019:02:07 00:(	YES	NO	Available	NO
/icars/arch/arch_1	14277962205	142779623338	2019:02:07 00:(	2019:02:07 00:(	2019:02:07 00:(	YES	NO	Available	NO
/icars/arch/arch_1	14277962333	142779626012	2019:02:07 00:(	2019:02:07 00:(	2019:02:07 00:(	YES	NO	Available	NO
/icars/arch/arch_1	14277962601	142779627130	2019:02:07 00:(	2019:02:07 00:(	2019:02:07 00:(	YES	NO	Available	NO

Redo log file switch

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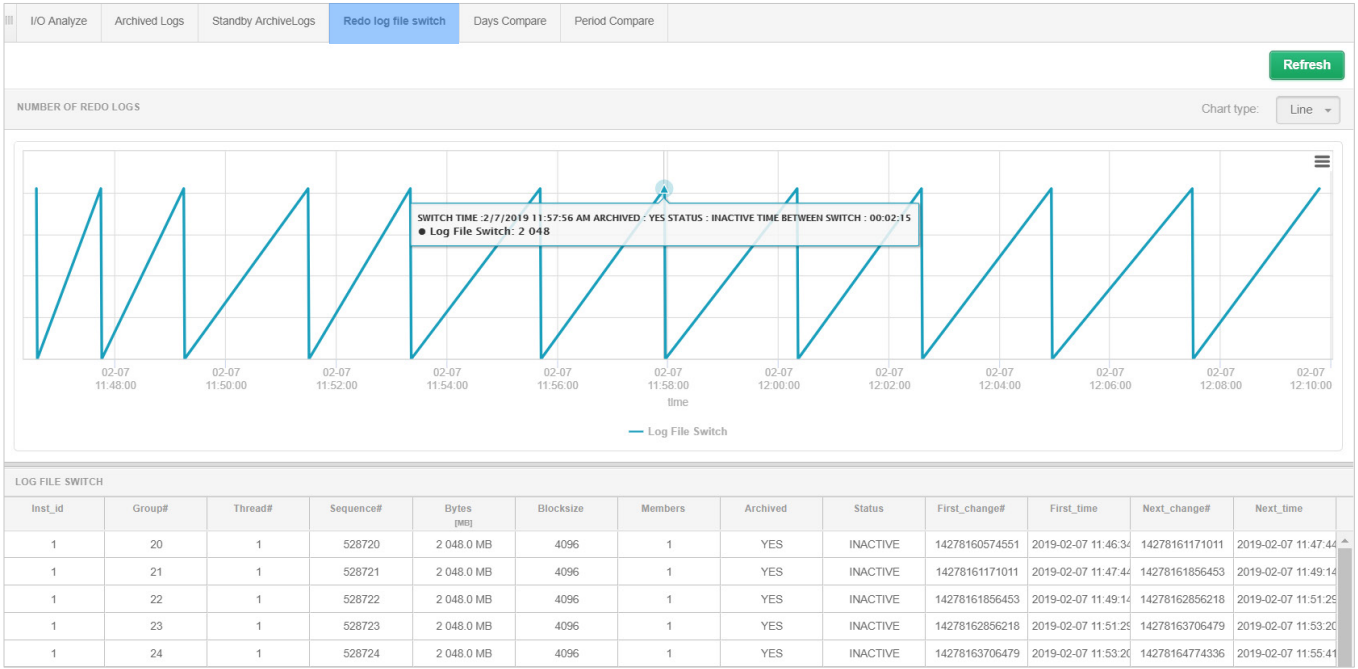
The screen shows information about changes to the **Redo log** files.

The data contains, among others, information on:

- Size of the file
- Archiving
- Status
- Date First_time
- Date Next_time



Inst_id	Group#	Thread#	Sequence#	Bytes [MB]	Blocksize	Members	Archived	Status	First_change#	First_time	Next_change#	Next_time
1	20	1	528720	2 048.0 MB	4096	1	YES	INACTIVE	14278160574551	2019-02-07 11:46:34	14278161171011	2019-02-07 11:47:44
1	21	1	528721	2 048.0 MB	4096	1	YES	INACTIVE	14278161171011	2019-02-07 11:47:44	14278161856453	2019-02-07 11:49:14
1	22	1	528722	2 048.0 MB	4096	1	YES	INACTIVE	14278161856453	2019-02-07 11:49:14	14278162856218	2019-02-07 11:51:29
1	23	1	528723	2 048.0 MB	4096	1	YES	INACTIVE	14278162856218	2019-02-07 11:51:29	14278163706479	2019-02-07 11:53:20
1	24	1	528724	2 048.0 MB	4096	1	YES	INACTIVE	14278163706479	2019-02-07 11:53:20	14278164774336	2019-02-07 11:55:41

Days Compare

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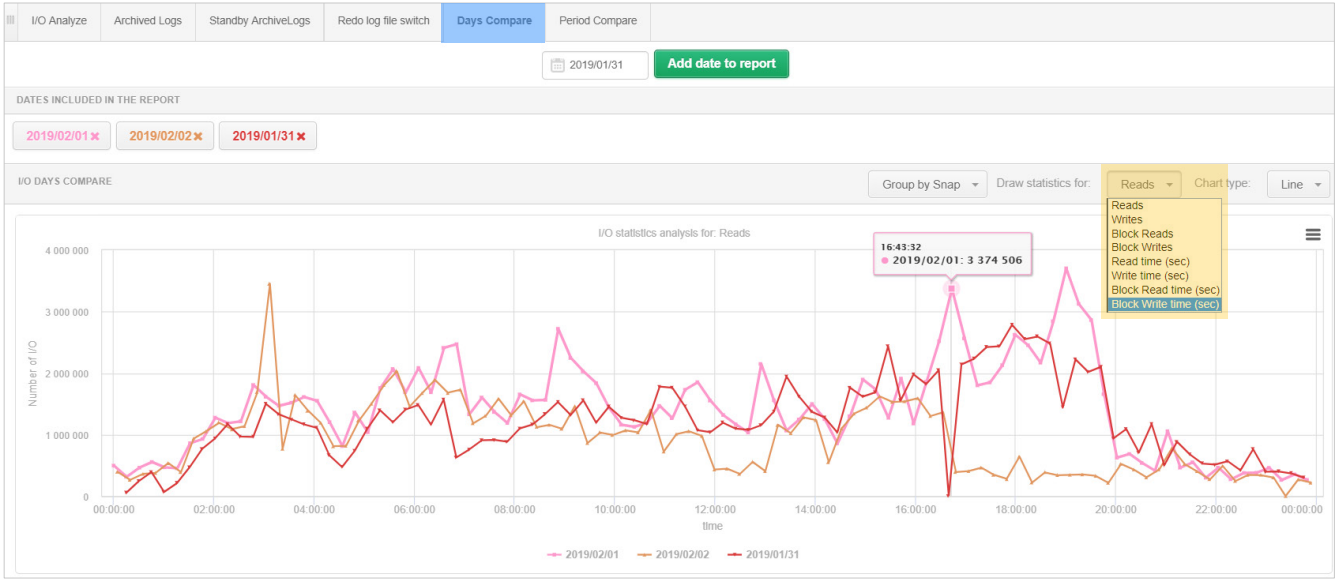
Compare is a module that allows you to compare a given **day** or **period** with another one indicated in the history.

The comparison can be made for all available **I/O** meters.

The information is grouped in **hourly** and **15-minute** samples.



Compare Periods

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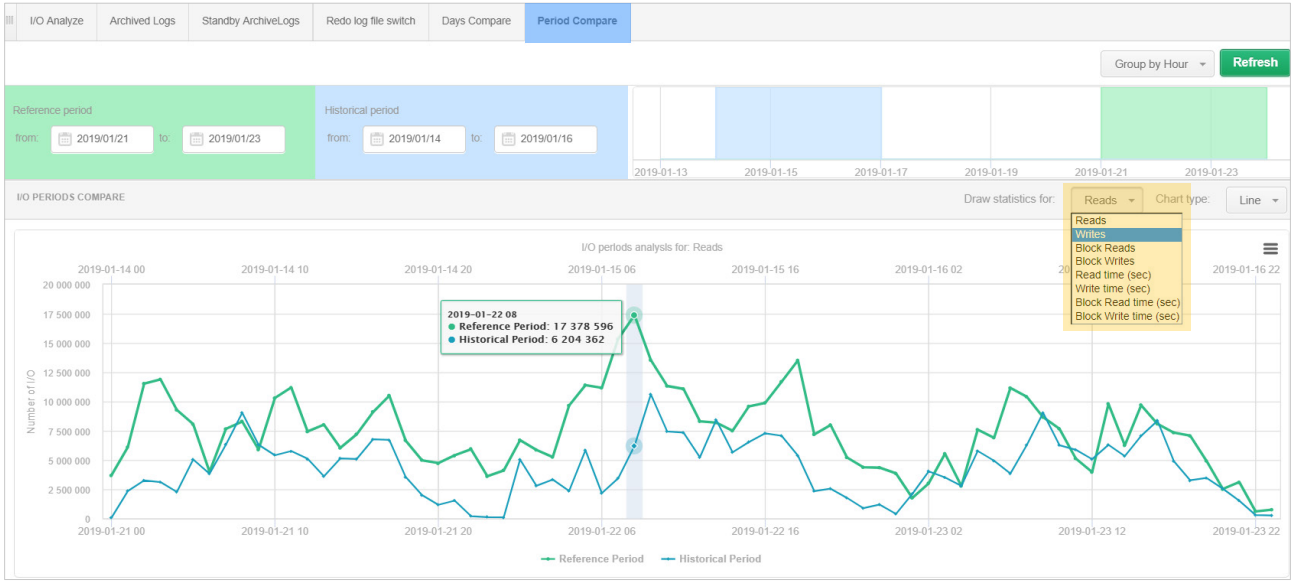
The periods are compared by selecting the **reference** period and the **historical** period that we want to compare it with.

The comparison can be made for all available **I/O** meters.

The information is grouped in **daily** and **hourly** samples.



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Thank you

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