

Applicable program versio: 20.1.9.98

Document version: v1.2

Created Date: 2019.3.9

## DBF6300 Database Forensic Analysis System Parameters

### Key parameters

1. Support MySQL (version 5.6 to 8.0.11), SqlServer (version 2000 to 2017), Access (version 2000 to 2016), Oracle (version 10g to 12C) and SQLite (version SQLite3) database recovery.
2. Support the analysis of log files of MySQL (version 5.6 to 8.0.11) and SqlServer (version 2005 to 2017) databases.
3. Support to view the corresponding table name, user name, operation starting and ending time, operation type and corresponding SQL statement of the log that is resolved.
4. Support search, filter and other operations for the parsed logs.
5. Supported data sources include image, disk, usb flash drive, memory card, etc.
6. Supported file systems: FAT12, FAT16, FAT32, exFAT, NTFS, Ext2, Ext3, Ext4, HFS, HFS+, XFS, CDFS, UDF, F2FS, HFSX... etc.
7. Support file mode recovery, and directly extract data from database files. It can effectively solve the problems of not getting the database password and not importing the database data correctly

and quickly.

**8. Support the extraction of data in normal files, damaged files and images. Extract objects include: tables, views, stored procedures, triggers, functions. Normal data extraction objects include: records of tables, views, stored procedures, triggers, and statements of functions. Extract object delete data includes: row delete, column delete, delete table, delete view, delete trigger, delete stored procedure, delete function.**

**9.★ support carve mode, can directly extract from the device or image database file fragments, and fragmentation and data analysis.**

**10. Support keyword searching and filtering of the database in the carve results.**

**11. Support the extraction of specified data by configuring a special mark of the specified data (header mark length, header mark data type, header mark data value setting) and scanning according to this special mark.**

**12. Support to add, delete, modify and other operations on template tags.**

**13. Support header mark length, header mark data type, header mark data value, and header mark number to set wildcard character.**

**14. Support to view the database properties, you can view the type,**

**number of tables, number of views, number of stored procedures, number of triggers, number of functions and other information.**

**15. Support to analyze and view the normal and delete data of user tables, system tables, number of views, stored procedures, views, triggers, functions.**

**16. Support to view offset information of table records.**

**17. Support field big data export and hexadecimal view, support text, picture, video, audio preview.**

**18. Support query of table records by keyword.**

**19. Support to add remarks to tables and fields.**

**20.★ support for filtering column content.**

**21.★ support statistics.**

**22.★ support visual queries.**

**23.★ support for queries using SQL statements.**

**24. Support to save the data analysis history, can open to directly view the data.**

**25. Support to generate forensic report and export in HTML and PDF format.**

**26. Support to export the recovered data, can be generated in CSV and SQL formats.**

**27. Support to export original database files.**

## 28. Support for de-duplication of exported data.

SalvationData