

Segue passo a passo para execução dbsat:

- 1) Download do dbsat.zip (em anexo)
- 2) unzip dbsat.zip (no servidor de banco de dados)
- 3) criar um usuário e fornecer os grants no banco de dados, para execução do dbsat , segue abaixo exemplo, caso exista mais de uma instancia Oracle, o usuário deve ser criado em todas:

**informar uma senha :**

create user DBSATUSR identified by **senha**;

**grants :**

GRANT CREATE SESSION TO DBSATUSR;

GRANT SELECT on SYS.REGISTRY\$HISTORY TO DBSATUSR;

GRANT SELECT\_CATALOG\_ROLE TO DBSATUSR;

--(if Database Vault is enabled)--

GRANT DV\_SECANALYST TO DBSATUSR;

--(12c only)--

GRANT AUDIT\_VIEWER TO DBSATUSR;

--(12c only)--

GRANT CAPTURE\_ADMIN TO DBSATUSR;

--(11g and 12c)--

GRANT SELECT on SYS.DBA\_USERS\_WITH\_DEFPWD TO DBSATUSR;

--(12c only)--

GRANT SELECT on AUDSYS.AUD\$UNIFIED TO DBSATUSR;

- 4) executar o coletor  
dbsat collect DBSATUSR/senha nome\_arquivo

obs: o nome\_arquivo e o nome que sera gerado pelo dbsat exemplo

**rel\_dbsat\_orcl** , neste caso ficaria:

**dbsat collect**

**DBSATUSR/senha rel\_dbsat\_orcl**

**ao executar o comando vai solicitar uma senha, coloque uma senha qualquer**

- 5) antes de gerar o relatório verifique se possui o Python 2.7.5 com o comando abaixo :  
python -V Python 2.7.5

- 6) gerar relatório:

./dbsat report nome\_arquivo

Obs: nome\_arquivo deve ser igual ao gerado no item 4 , exemplo: **./dbsat report**

**rel\_dbsat\_orcl**

**Será solicitada a mesma senha informada anteriormente**

Será gerado um arquivo **nome\_arquivo\_report.zip**, favor nos enviar o .html que estiver dentro deste arquivo compactado

**Abaixo exemplificação**

```
[oracle@localhost dbsat]$ unzip dbsat.zip
Archive:  dbsat.zip
  inflating:  dbsat
  inflating:  dbsat.bat
  inflating:  sat_collector.sql
  inflating:  sat_reporter.py
  inflating:  sat_analysis.py
```

```
[oracle@localhost dbsat]$ ./dbsat collect DBSATUSR/dbora#sat21 rel_dbsat_orcl
```

Database Security Assessment Tool version 2.2.2 (June 2021)

This tool is intended to assist you in securing your Oracle database system. You are solely responsible for your system and the effect and results of the execution of this tool (including, without limitation, any damage or data loss). Further, the output generated by this tool may include potentially sensitive system configuration data and information that could be used by a skilled attacker to penetrate your system. You are solely responsible for ensuring that the output of this tool, including any generated reports, is handled in accordance with your company's policies.

Connecting to the target Oracle database...

SQL\*Plus: Release 19.0.0.0.0 - Production on Tue Oct 12 13:33:57 2021  
Version 19.3.0.0.0

Copyright (c) 1982, 2019, Oracle. All rights reserved.

Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production  
Version 19.3.0.0.0

Setup complete.

SQL queries complete.

/bin/ls: cannot access /u01/app/oracle/product/version/db\_1/bin/tfactl: No such file or directory

Warning: Exit status 256 from OS rule: executable\_permission

sh: /u01/app/oracle/product/version/db\_1/OPatch/patch: No such file or directory

Warning: Exit status 32512 from OS rule: opatch\_inventory

Warning: Exit status 256 from OS rule: dbcs\_status

OS commands complete.

Disconnected from Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production

Version 19.3.0.0.0

DBSAT Collector completed successfully.

Calling /u01/app/oracle/product/version/db\_1/bin/zip to encrypt rel\_dbsat\_orcl.json...

Enter password:

Verify password:

Calling /u01/app/oracle/product/version/db\_1/bin/zip to encrypt rel\_dbsat\_orcl.json...

Enter password:

Verify password:

adding: rel\_dbsat\_orcl.json (deflated 88%)

zip completed successfully.

```
[oracle@localhost dbsat]$ ls -ltr
```

total 5104

```
-r-xr-xr-x. 1 oracle oinstall 13592 Jun 16 00:38 dbsat
-r-xr-xr-x. 1 oracle oinstall 13767 Aug 16 13:57 dbsat.bat
-rw-rw-r--. 1 oracle oinstall 333949 Aug 16 16:24 sat_reporter.py
-rw-rw-r--. 1 oracle oinstall 65138 Aug 16 16:24 sat_collector.sql
-rw-rw-r--. 1 oracle oinstall 26096 Aug 16 16:24 sat_analysis.py
-rw-rw-rw-. 1 oracle oinstall 4699765 Oct 12 13:25 dbsat.zip
drwxr-xr-x. 2 oracle oinstall 4096 Oct 12 13:26 xlswriter
drwxr-xr-x. 5 oracle oinstall 40 Oct 12 13:26 Discover
-rw-rw-rw-. 1 oracle oinstall 57291 Oct 12 13:37 rel_dbsat_orcl.zip
```

```
[oracle@localhost dbsat]$ python -V Python 2.7.5
```

Python 2.7.5

```
[oracle@localhost dbsat]$ dbsat report
```

```
[oracle@localhost dbsat]$ ./dbsat report rel_dbsat_orcl
```

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DBSAT Reporter ran successfully.

Calling /usr/bin/zip to encrypt the generated reports...

Enter password:

Verify password:

```
[oracle@localhost dbsat]$ ls -ltr
```

total 5720

-r-xr-xr-x.	1	oracle	oinstall	13592	Jun 16 00:38	dbsat
-r-xr-xr-x.	1	oracle	oinstall	13767	Aug 16 13:57	dbsat.bat
-rw-rw-r--.	1	oracle	oinstall	333949	Aug 16 16:24	sat_reporter.py
-rw-rw-r--.	1	oracle	oinstall	65138	Aug 16 16:24	sat_collector.sql
-rw-rw-r--.	1	oracle	oinstall	26096	Aug 16 16:24	sat_analysis.py
-rw-rw-rw..	1	oracle	oinstall	4699765	Oct 12 13:25	dbsat.zip
drwxr-xr-x.	5	oracle	oinstall	40	Oct 12 13:26	Discover
-rw-----.	1	oracle	oinstall	485478	Oct 12 13:34	rel_dbsat_orcl.json
-rw-----.	1	oracle	oinstall	57291	Oct 12 13:37	rel_dbsat_orcl.zip
-rw-----.	1	oracle	oinstall	26782	Oct 12 13:51	sat_analysis.pyc
drwxr-xr-x.	2	oracle	oinstall	4096	Oct 12 13:51	xlswriter
-rw-----.	1	oracle	oinstall	112134	Oct 12 13:51	rel_dbsat_orcl_report.zip

```
[oracle@localhost dbsat]$
```