

ESET Tech Center

Kennisbank > ESET PROTECT > Create a backup of the ESET PROTECT database (8.x)

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Issue

- All ESET PROTECT information and settings are stored in a database
- We recommend that you create regular database backups to ensure the security of your data in the event of an emergency
- [Create and restore MS SQL database backup](#)
- [Create and restore MySQL database backup](#)

Solution



Use the backup later during migration

The backup can also be used later when migrating ESET PROTECT to a new server.



Illustrated examples are with default settings

The following examples are intended for use with default settings (for example, default database name and database connection settings). Customize your backup script to accommodate any changes you make to default settings.

Create and restore MS SQL database backup

To back up and restore an MS SQL database to a file, follow these examples shown below:

One-time database backup

Open a Windows command prompt and type the following command to create a backup file named **BACKUPFILE**:

```
SQLCMD -S HOST\ERASQL -Q "BACKUP DATABASE ERA_DB TO DISK = N'BACKUPFILE'"
```

HOST - IP address or hostname

ERASQL - name of the MS SQL server instance

Regular database backup with SQL script

Choose one of the following SQL scripts:

- Create regular backups and store them based on the date of creation:
 - @ECHO OFF
 - SQLCMD.EXE -S HOST\ERASQL -d ERA_DB -E -Q "BACKUP DATABASE ERA_DB TO DISK = N'BACKUPFILE' WITH NOFORMAT, INIT, NAME = N'ERA_DB', SKIP, NOREWIND, NOUNLOAD, STOP_ON_ERROR, CHECKSUM, STATS=10"
 - REN BACKUPFILE BACKUPFILE-[%DATE:~10,4%%DATE:~4,2%%DATE:~7,2%_T%TIME:~0,2%%TIME:~3,2%].bac

- Append your backup to a file:
 - @ECHO OFF<
 - SQLCMD.EXE -S HOST\ERASQL -d ERA_DB -E -Q "BACKUP DATABASE ERA_DB TO DISK = N'BACKUPFILE' WITH NOFORMAT, NOINIT, NAME = N'ERA_DB', SKIP, NOREWIND, NOUNLOAD, STOP_ON_ERROR, CHECKSUM, STATS=10"

For more information on Microsoft SQL Server backup, [see the Microsoft Documentation article](#).

Restore MS SQL backup

Execute one of the following commands according to your situation:

- To restore an MS SQL database from a file on an environment with an existing ERA_DB database, execute this command:
 - SQLCMD.EXE -S HOST\ERASQL -d ERA_DB -E -Q "RESTORE DATABASE ERA_DB FROM DISK = N'C:\USERS\ADMINISTRATOR\DESKTOP\BACKUPFILE'"
- To restore an MS SQL database from a file on an environment without an existing ERA_DB database, execute this command:
 - SQLCMD.EXE -S HOST\ERASQL -E -Q "RESTORE DATABASE ERA_DB FROM DISK = N'C:\USERS\ADMINISTRATOR\DESKTOP\BACKUPFILE'"

Create and restore MySQL database backup

MySQL backup

To create a backup of a MySQL database to a file, follow these examples shown below:

```
mysqldump --host HOST --disable-keys --extended-insert --routines -u ROOTLOGIN -p ERADBNAM > BACKUPFILE
```

HOST - IP address or hostname of MySQL server

ROOTLOGIN - the root account of MySQL server

ERADBNAM - ESET PROTECT database name

For more information on MySQL Server backup visit the [MySQL documentation website](#).

MySQL restore

To restore a MySQL database from a file, execute this command:

```
mysql --host HOST -u ROOTLOGIN -p ERADBNAM < BACKUPFILE
```