

Server bootet nicht mehr- 16. Juli 2020

Nachdem der Server2016 der MS Egg nach Updates nicht mehr gestartet ist, konnte ich mir mit dem unten beschriebenen Wiederherstellen der Registry helfen.

Der Server ist nicht gestartet, die automatische Reparatur ist fehlgeschlagen. Der Fehler wurde bereits repliziert, beim Replikat ist somit derselbe Fehler aufgetreten.

Nach dem Wiederherstellen der Registry, war die Vertrauensstellung zwischen dem Server und der Domäne verlorengegangen. Als lokaler Admin einmal aus der Domäne nehmen und wieder reingeben hat für Abhilfe gesorgt.

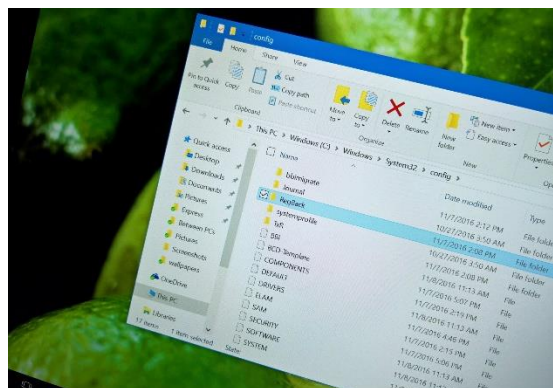
<https://pureinfotech.com/restore-registry-backup-windows-10/>

How to restore Registry from its secret backup on Windows 10

Windows 10 secretly makes a backup of the Registry in a RegBack folder, and you can use it to manually restore your computer to a working condition – Here's how.

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Usually, it's never a good idea to edit the Registry, because the database contains low-level settings necessary for the OS and certain apps to work correctly.

However, sometimes, you may need to modify the Registry to change specific system settings, and if you forget to [create the backup](#), or during an installation of faulty update the Registry gets corrupted, you can still recover [Windows 10](#) using the secret Registry backup.

You probably didn't know this, but the OS keeps a backup of a working Registry for recovery purposes, which you can use to manually restore your computer to a working condition when you don't have a backup.

In this [guide](#), you'll learn the steps to manually restore the previous version of the Registry from its automated backup on [Windows 10](#).

Important: Windows 10 no longer creates automatic backups of the registry hives to reduce the system footprint. If you want this functionality, [you must re-enable it manually using these steps](#). Also, remember that modifying system files can further damage your Windows installation if it's not done correctly. It's assumed that you know what you're doing and that you have previously created a [full backup of your computer](#). Proceed with caution and use this as the last course of action.

How to manually restore the Registry

To manually restore the Registry on Windows 10, use these steps:

1. Start your PC with the [Advanced startup options](#).
2. Click on **Troubleshoot**.
3. Click on **Advanced options**.
4. Click on **Command Prompt**.
5. When your device starts in Command Prompt, it'll start on X:\Windows\System32. Now you need to move to the drive letter where Windows is installed. While the operating system is installed on c:\, when you boot your computer on recovery mode, this drive

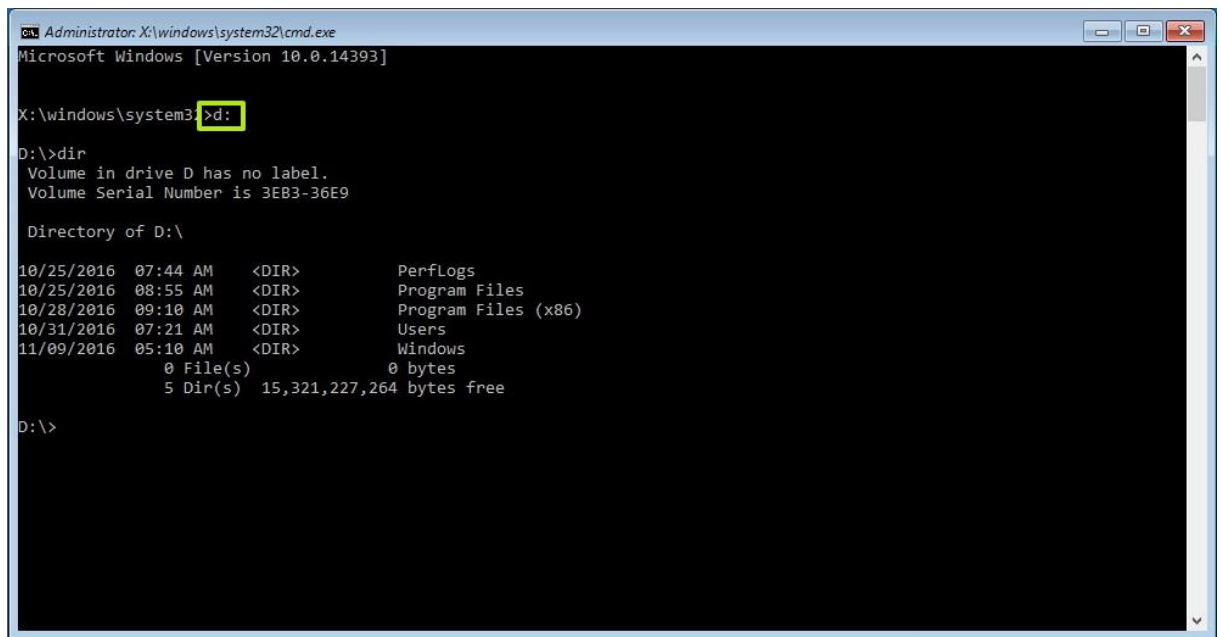
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letter changes to something else. However, in most cases the drive letter is D:\. Type the following command to enter into the correct drive where Windows is installed and press **Enter**:

```
d:\
```

6. Type the following command to verify you're in the correct drive and press **Enter**:

```
dir
```



```
Administrator: X:\windows\system32\cmd.exe
Microsoft Windows [Version 10.0.14393]

X:\windows\system32>d:
D:\>dir
Volume in drive D has no label.
Volume Serial Number is 3EB3-36E9

Directory of D:\

10/25/2016  07:44 AM  <DIR>          PerfLogs
10/25/2016  08:55 AM  <DIR>          Program Files
10/28/2016  09:10 AM  <DIR>          Program Files (x86)
10/31/2016  07:21 AM  <DIR>          Users
11/09/2016  05:10 AM  <DIR>          Windows
               0 File(s)                0 bytes
               5 Dir(s) 15,321,227,264 bytes free

D:\>
```

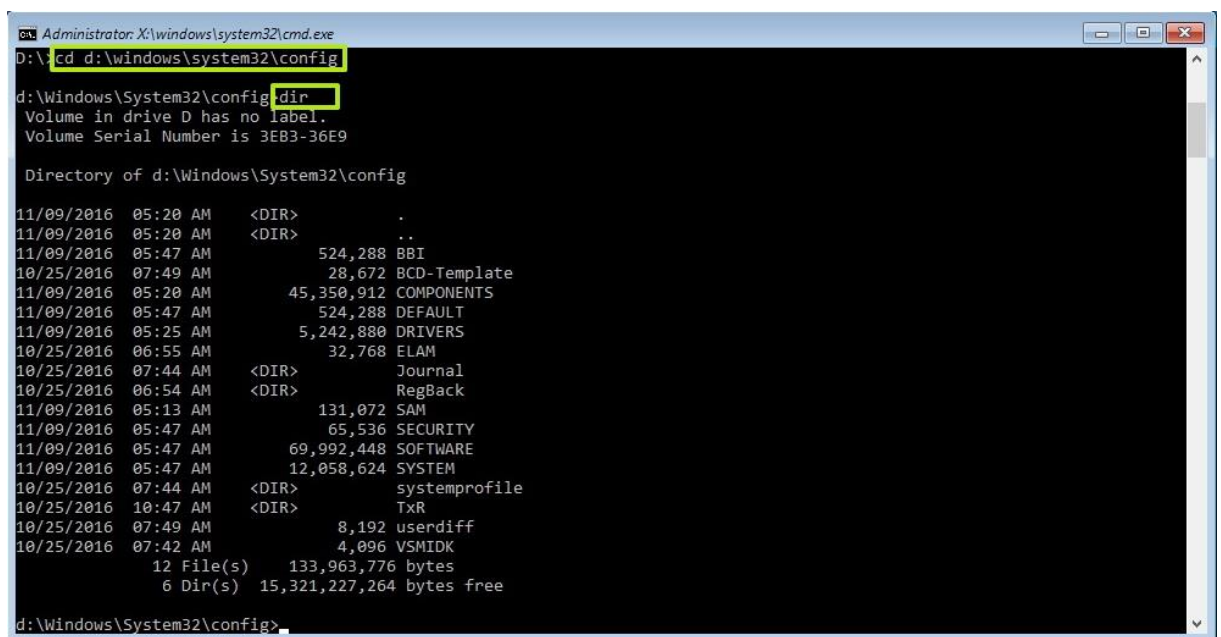
Command Prompt in Advanced startup

If you see the Windows folder, you're in the correct drive letter, if not, go back to **step 5** and try another letter.

7. Type the following command to enter into the System32 folder and press **Enter**:

```
cd d:\windows\system32
```

Remember to change **D** in the command with the correct drive letter for your scenario.



```
Administrator: X:\windows\system32\cmd.exe
D:\>cd d:\windows\system32\config
d:\Windows\System32\config>dir
Volume in drive D has no label.
Volume Serial Number is 3EB3-36E9

Directory of d:\Windows\System32\config

11/09/2016  05:20 AM  <DIR>          .
11/09/2016  05:20 AM  <DIR>          ..
11/09/2016  05:47 AM           524,288 BBI
10/25/2016  07:49 AM           28,672 BCD-Template
11/09/2016  05:20 AM      45,350,912 COMPONENTS
11/09/2016  05:47 AM           524,288 DEFAULT
11/09/2016  05:25 AM      5,242,880 DRIVERS
10/25/2016  06:55 AM           32,768 ELAM
10/25/2016  07:44 AM  <DIR>          Journal
10/25/2016  06:54 AM  <DIR>          RegBack
11/09/2016  05:13 AM       131,072 SAM
11/09/2016  05:47 AM           65,536 SECURITY
11/09/2016  05:47 AM      69,992,448 SOFTWARE
11/09/2016  05:47 AM      12,058,624 SYSTEM
10/25/2016  07:44 AM  <DIR>          systemprofile
10/25/2016  10:47 AM  <DIR>          TxR
10/25/2016  07:49 AM           8,192 userdiff
10/25/2016  07:42 AM           4,096 VSMIDK
               12 File(s)    133,963,776 bytes
               6 Dir(s) 15,321,227,264 bytes free

d:\Windows\System32\config>
```

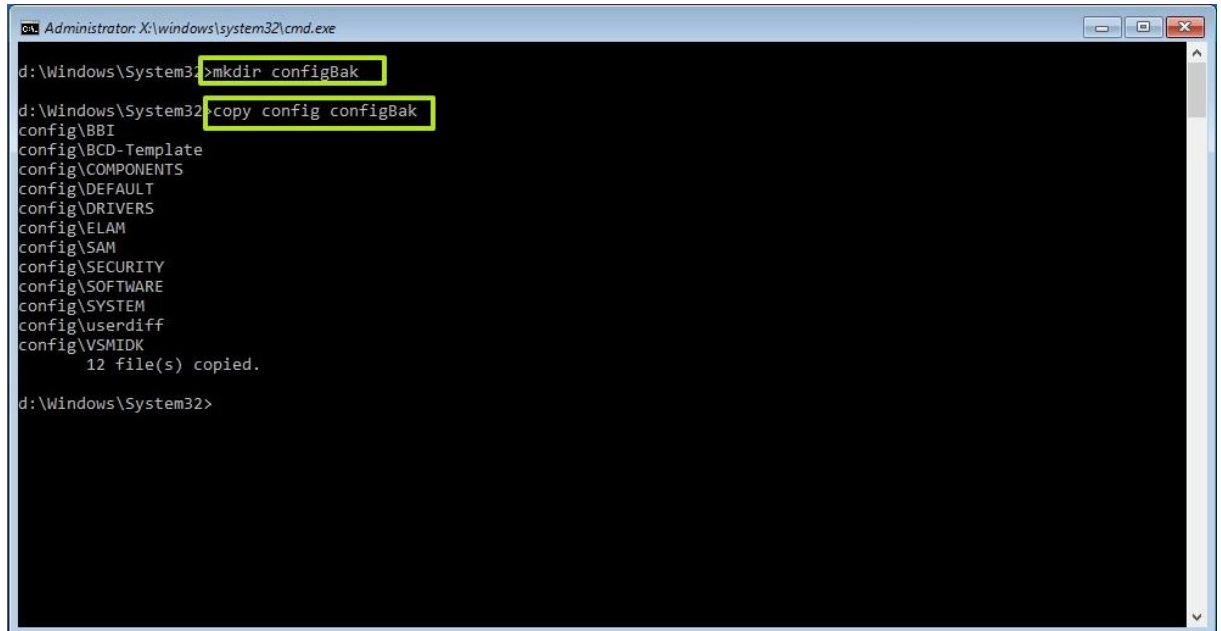
Windows 10 Config folder

8. Type the following command to create a folder to temporary backup of files on the config folder, which also happens to store a copy of the Registry, and press **Enter**:

mkdir configBak

9. Type the following command to create a temporary backup of the files in the **config** folder, and press **Enter**:

copy config configBak



```
Administrator: X:\windows\system32\cmd.exe
d:\Windows\System32>mkdir configBak
d:\Windows\System32>copy config configBak
config\BBI
config\BCD-Template
config\COMPONENTS
config\DEFAULT
config\DRIVERS
config\ELAM
config\SAM
config\SECURITY
config\SOFTWARE
config\SYSTEM
config\userdiff
config\VSMIDK
        12 file(s) copied.
d:\Windows\System32>
```

Making a backup copy of the Registry on Windows 10

10. Type the following command to move inside the **RegBack**, which contains a backup of the Registry, and press **Enter**:

cd config\RegBack

11. Type the following command to verify the content of the **RegBack** folder and press **Enter**:

dir

```
Administrator: X:\windows\system32\cmd.exe

d:\Windows\System32>cd config\RegBack

d:\Windows\System32\config\RegBack>dir
Volume in drive D has no label.
Volume Serial Number is 3EB3-36E9

Directory of d:\Windows\System32\config\RegBack

10/25/2016  06:54 AM  <DIR>          .
10/25/2016  06:54 AM  <DIR>          ..
11/09/2016  05:41 AM             524,288  DEFAULT
11/09/2016  05:13 AM             131,072  SAM
11/09/2016  05:41 AM              65,536  SECURITY
11/09/2016  05:41 AM          69,992,448  SOFTWARE
11/09/2016  05:41 AM          12,058,624  SYSTEM
               5 File(s)            82,771,968 bytes
               2 Dir(s)         15,187,259,392 bytes free

d:\Windows\System32\config\RegBack>
```

RegBack folder content

Warning: After running the dir command, the size of the files (SYSTEM, SOFTWARE, SAM, SECURITY, DEFAULT) should be similar to the ones you see in the screenshot. If any of the files shows 0, do **NOT** continue as **you won't be able to repair your Windows 10 installation and your device may stop booting.**

12. Type the following command to copy the files from the **RegBack** folder to the **config** folder and press **Enter** and **Y** on every question to confirm:

copy * ..*

```
Administrator: X:\windows\system32\cmd.exe

d:\Windows\System32\config\RegBack>copy * ..\*
DEFAULT
Overwrite ..\DEFAULT? (Yes/No/All): y
SAM
Overwrite ..\SAM? (Yes/No/All): y
SECURITY
Overwrite ..\SECURITY? (Yes/No/All): y
SOFTWARE
Overwrite ..\SOFTWARE? (Yes/No/All): y
SYSTEM
Overwrite ..\SYSTEM? (Yes/No/All): y
      5 file(s) copied.

d:\Windows\System32\config\RegBack>
```

Restoring Registry from its backup on Windows 10

13. Close the Close button from the top-right.