# Work instruction: Content database file size

This document describes the work instruction of the daily check “Content Database File Size”. The goal of this work instruction is to check the status of the distributed cache in the environment.

# Involved servers

|  |  |  |
| --- | --- | --- |
| Acceptance | Production | Disaster Recovery |
|  |  |  |

# Steps

|  |  |
| --- | --- |
| Step | Screenshot |
| Step 1:  Open a RDP session to the SQL server |  |
| Step 2:  Open the SQL Management Studio |  |
| Step 3:  Connect to the SQL instance |  |
| Step 4:  Run the following query against each content database. | SELECT  SUM(CAST(FILEPROPERTY(name, 'SpaceUsed') AS INT)/131072.0) AS SpaceUsedGB  FROM sys.database\_files  WHERE type=0 |
| Step 5:  Check if the each database is smaller than 175 GB. |  |
| Step 6:  Record your findings in the “Registration list Periodic Checks” |  |

# Automatic check

This check is part of the Periodic Checks script, which means the above checks do not have to be performed manually. Analysis will take place by reviewing the generated e-mail and taking actions if issues are reported.

# resolution

You can perform the following actions to free up some data:

1. Have site collection owners remove some data (including recycle bin)
2. Clear site collection recycle bins
3. Move site collections to another database using Move-SPSite

**NOTE:** If you have freed up a significant amount of data which you don’t expect to reuse in 6 months’ time, consider shrinking the database to release unused data to the operating system.