



BRENT OZAR
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Fundamentals of TempDB

Up first: intros & logistics.

Op1



BRENT OZAR
UNLIMITED

99-05: dev, architect, DBA
05-08: DBA, VM, SAN admin
08-10: MCM, Quest Software
Since: consulting DBA

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Op2



Introduce yourself in Slack:

| | Developer | Development DBA | Production DBA |
|-----------------------|-----------|-----------------|----------------|
| Write C#, Java code | Daily | | |
| Build queries, tables | Daily | Sometimes | |
| Tune queries | Sometimes | Daily | |
| Design indexes | | Daily | |
| Monitor performance | | Daily | Sometimes |
| Troubleshoot outages | | | Daily |
| Manage backups, jobs | | | Daily |
| Install, config SQL | | | Sometimes |
| Install, config OS | | | Sometimes |

Op3



Slack pro tips

Accidentally close your browser? Want to share screenshots? Lots of pro tips:

<https://BrentOzar.com/slack>

To share code or T-SQL, click the + sign next to where you type text in, and choose “code or text snippet.”

To share files, upload at Imgur.com, paste URL here.

No direct messages please – use the public room.

Op4



We're going to cover

- What uses TempDB
- How that affects performance and configuration
- Where to host TempDB based on your workloads
- How to monitor it

Op5



We're using Stack Overflow data.

Open source, licensed with Creative Commons

XML dump: archive.org/details/stackexchange

SQL Server db: BrentOzar.com/go/querystack

I'm using the 50GB 2013 version

Op6



To the demos!

Op7

