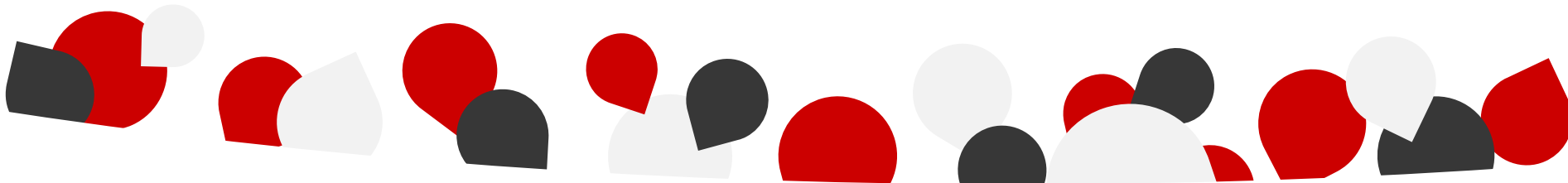




SQL in the City *Streamed*



From DBA to DevOps Hero with SQL Clone





Steve Jones

Evangelist, Redgate Software
Editor, SQLServerCentral

26 years SQL Server data experience

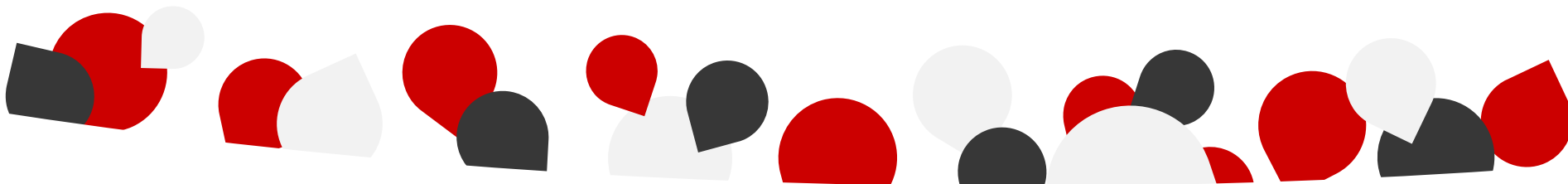
DBA, developer, manager, writer, speaker in a variety of companies and industries

Founder, SQLServerCentral

And current editor, with the goal of helping you learn to be a better data professional every day

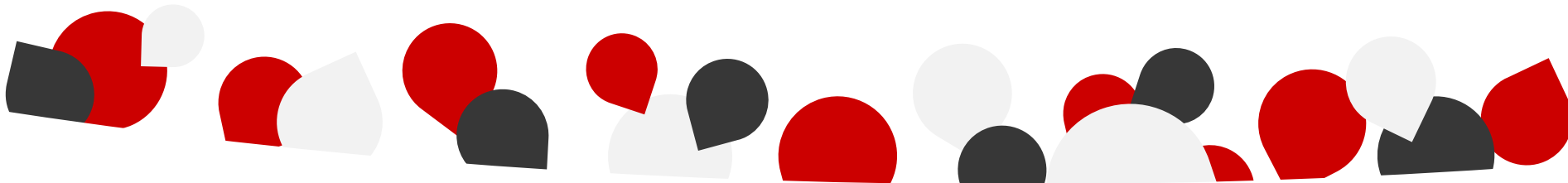
10 years Microsoft Data Platform MVP

I have been honored to be recognized by Microsoft for the last decade as an MVP



Agenda

- Why Provisioning is a Blocker to DevOps?
- What is SQL Clone?
- What's New
- Demo

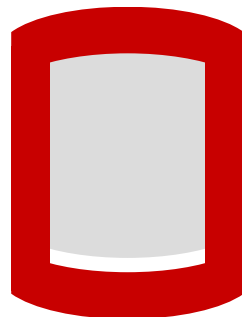


Why is Provisioning a Blocker to DevOps

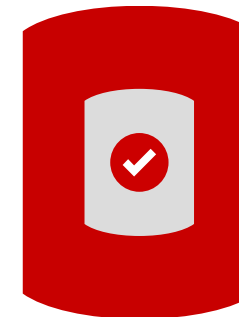
It takes time and holds up the rest of the team



Data security and regulatory compliance often restrict the free movement of data



Testing is limited due to lack of access to recent data



It requires additional disk space resulting in storage juggling or purchasing, preparing and managing more space

Teams often have to work in shared environments resulting in conflicts or wait-states

Problems to solve

- The Dev team want up-to-date, realistic data
- Teams want access to consistent database copies on demand
- The DBA wants to know where all copies of data reside
- The business want assurance that sensitive data has been sanitized

What is SQL Clone

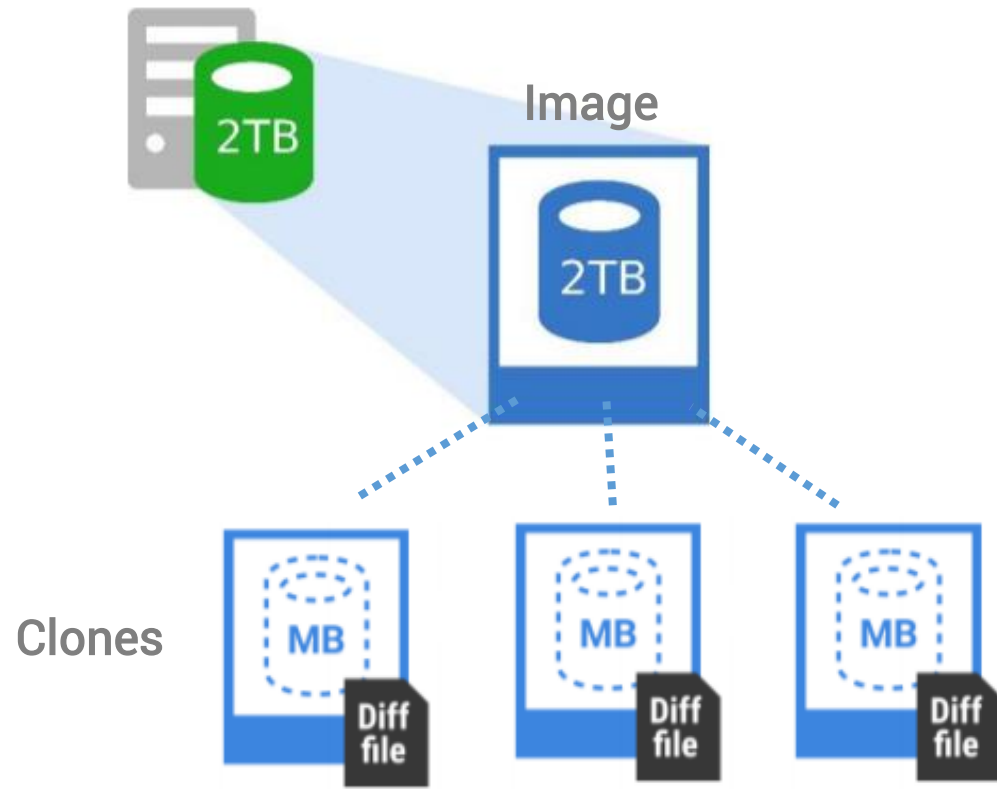
SQL Clone is a tool that lets you create full copies of SQL Server databases in seconds and save 99% storage

“A big win for us is giving each developer the freedom to work on their own database.”

Ryan Hird, DevOps Engineer Bennetts (Saga Group)

How SQL Clone Works

SQL Server Database

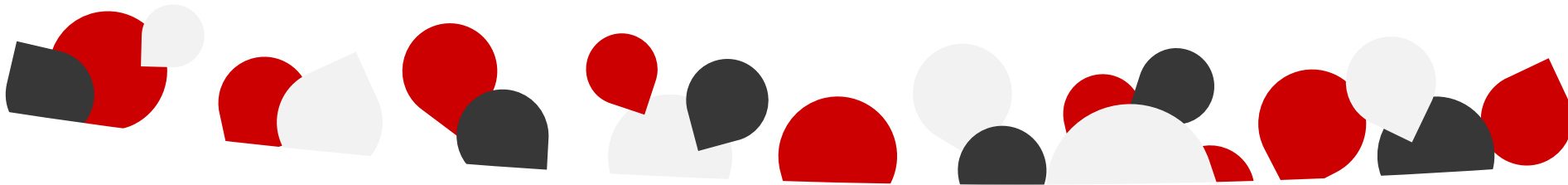


1. An Image is a point-in-time representation of your SQL Server database, created from a backup or a live SQL Server database.
2. A Clone is an isolated copy of the database, which is created from an image.

What's New

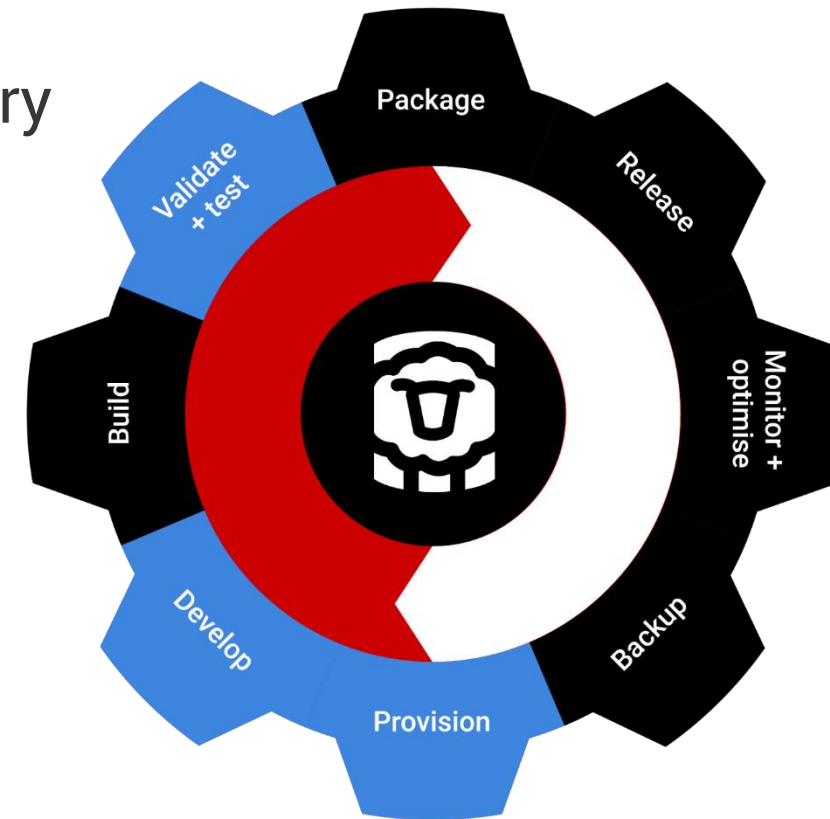
- Increased the 2TB limit to 64TB's
- Create images from full + differential backups
- Role based access permissions
- Run scripts during the image creation

Demo



Become a DevOps Hero

- Reduce provisioning tickets and accelerate delivery
 - Self service
 - Automation
- Reduce time spent juggling disk space
- Increase time to market with isolated dev / test
- Test early using realistic data to identify change impact



Thank you

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