AlwaysOn Availability Groups – Part 1

By

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Amit R S Bansal

- **CTO, eDominer Systems & Peopleware India**

- **Corporate Trainer/Consultant & Evangelist**

- **Conducted more than 450+ workshops on SQL Server & BI for top notch IT companies world wide**

- **Microsoft MVP for SQL Server**

- **Speaker at TechED India, TechED US & TechED Europe**

- **Speaking at SQLBITs this March in London**

- **Technical Reviewer/SME – MSL courses & certifications on SQL Server**

- **Founder & President – SQLServerGeeks.com**
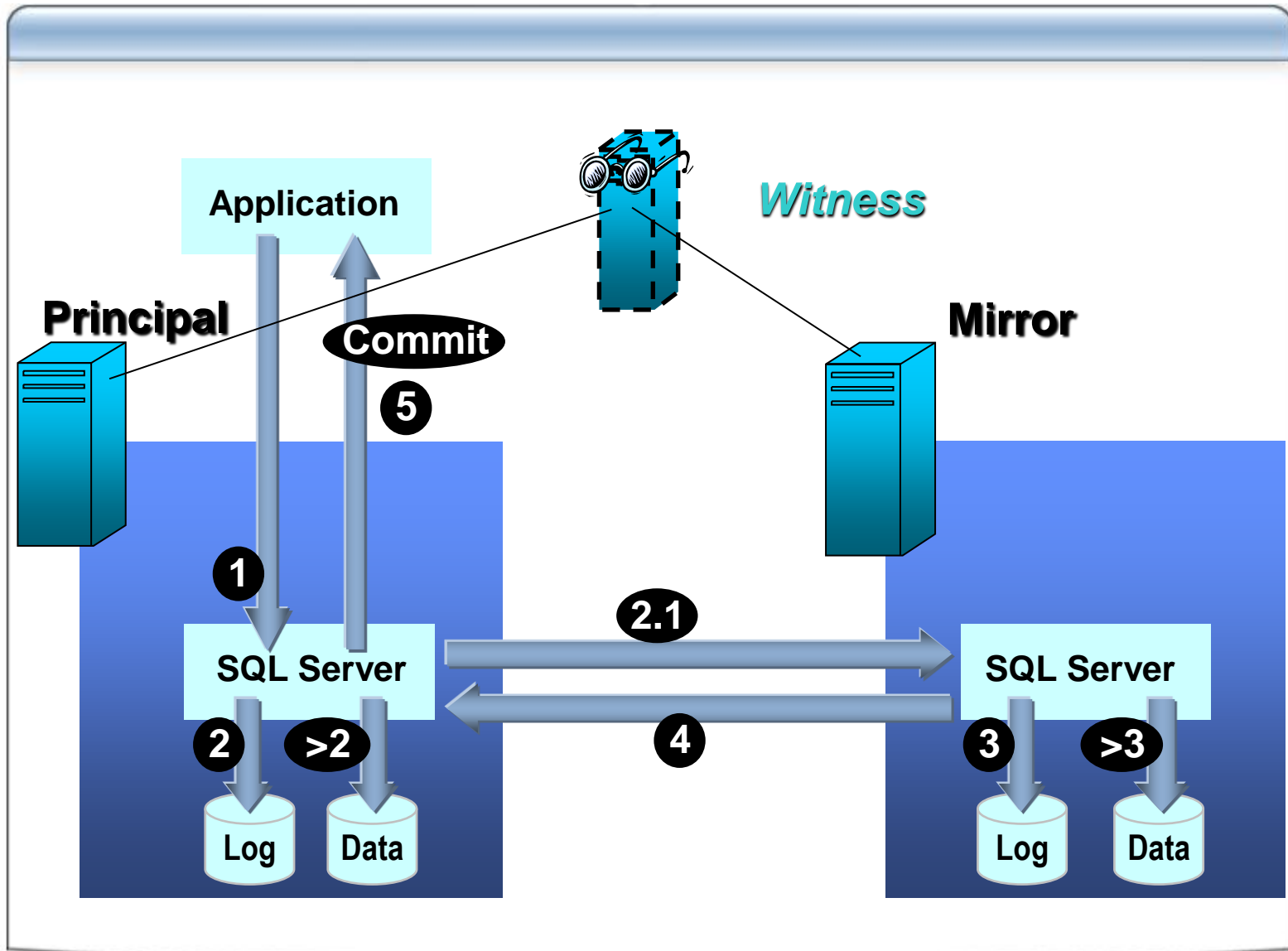
- **Co-Founder & President – HelloWorldGeeks.com**

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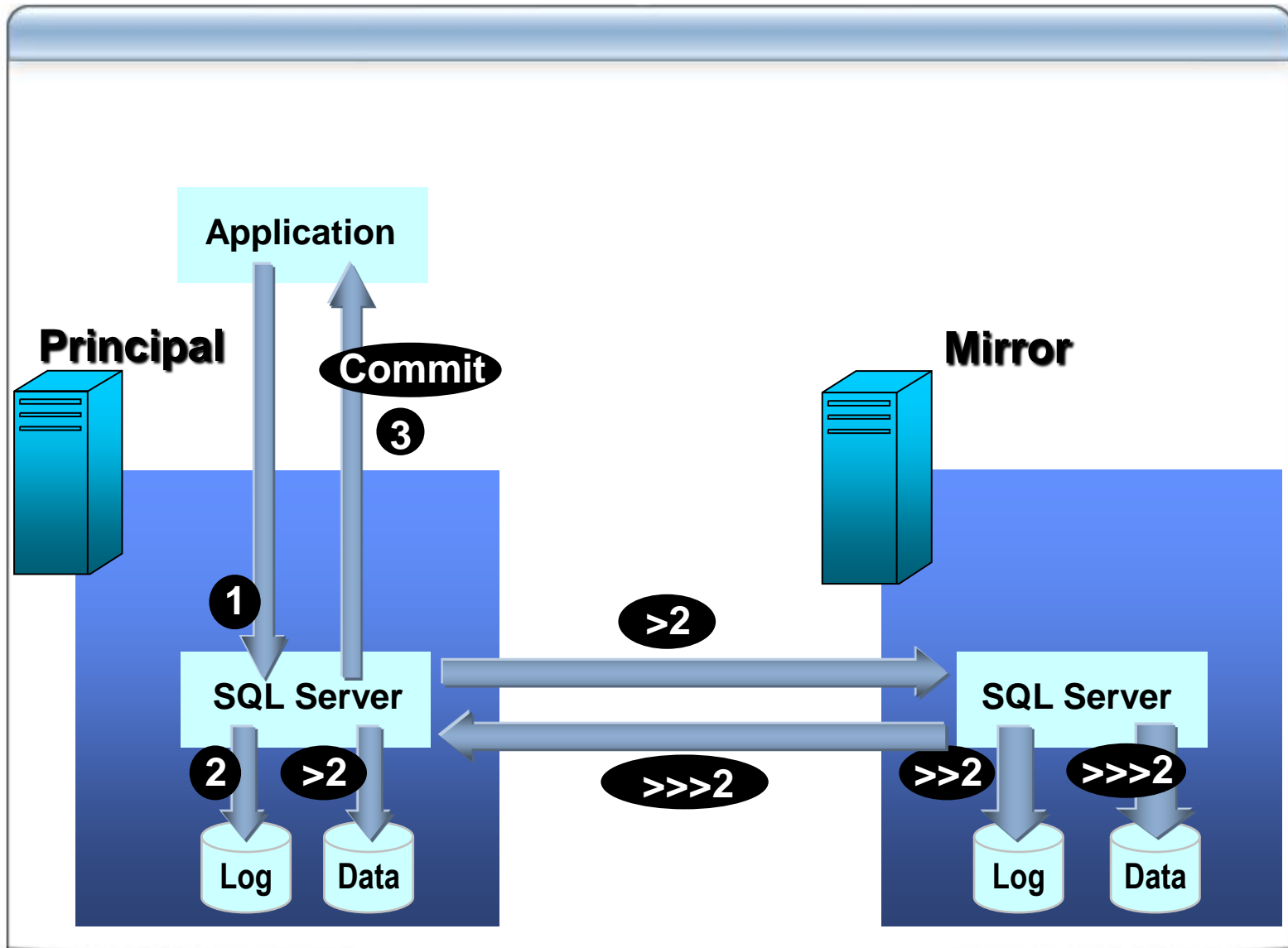
Agenda

- AlwaysOn – what can it do?
- AlwaysOn – Demo !

Back to Database Mirroring

Back to Database Mirroring

Back to Database Mirroring – Limitations

- **Only one Database per DB mirroring session**

- **Only one secondary/stand by server**

- **Secondary server not accessible**

  - *Snapshot is a workaround, not a solution :)*

- **Application failover is accomplished through the use of FailoverPartner connection string value**

AlwaysOn Availability Groups in SQL Server 2012

- **Redundant copies (up to four)**

- **Maintained either synchronously or asynchronously**

- **Multiple-database failover is handled automatically by the Availability Group**

- **Application failover through the Availability Group Listener and Application Virtual Name**

Always On Availability Groups

DEMO

Call to Action

- Download the presentation and scripts – www.SQLServerGeeks.com/Files

- Try it out

- If you have questions, post on our forums – www.SQLServerGeeks.com/Forums

- Online resources: MSDN, TechNET, SQL Server Tech Center

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Q&A

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