Monitoring SQL Server: zero to hero in 15 minutes



Sponsors

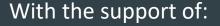






















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- 1. What are our monitoring needs?
- 2. A troubleshooting methodology



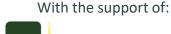














What do we REALLY need?





Monitoring

Troubleshooting

What happened tonight at 03:40?

Analyze Workload and Tune Performance

Which queries consume most resources?

Capacity Planning

How fast are my databases growing?

Baselining

Is the system behaving normally?

Alerting

Hey, look: something's wrong here!















With the support of:





What we don't need

Messy dashboards with countless metrics

Everything that is not functional to our inquiry MUST GO



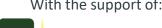














A troubleshooting methodology





A troubleshooting methodology

1. Check resource usage

- **CPU**
- RAM
- Disk
- Wait Stats

Check Events

- Blocking
- Deadlocking
- **Timeouts**

3. Analyze your Workload

- TOP queries by CPU
- TOP queries by reads
- Correlate with waits
- Correlate with resource usage



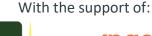
















Additional tasks

- → Enforce Best Practices
- > Keep your database and server inventory up to date
- → Get notified when bad things happen
 - Avoid email
 - Use Teams / Slack / Telegram



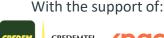














THANK YOU!

Got questions? Email me!

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