



Dr. DMV's Troubleshooting Tool Kit

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I've worked for ISVs and consulting companies for many years

Currently, I'm working at Körber Supply Chain Software

I know how to brew beer and build computers (not at the same time)



I Know How to Brew Beer



Agenda

- Diagnostic query history
- Diagnostic query structure and usage
- Diagnostic query demos
- Diagnostic query interpretation

Introduction

Performance

People tend to notice database performance issues!

DBA Definition

“Default Blame Acceptor”

What is wrong?

Database is guilty until proven innocent

DMV Queries to the Rescue!

SQL Server 2005

Very useful info!

Not persistent!

Additions and improvements in each new version

Configuration, workload, and performance info

Restart clears out DMV information

DMV Diagnostic Query History

April 2009

Separate versions

Azure support

Monthly updates
and enhancements

Make sure you have
the correct script
for your version of
SQL Server!

Scripts for Azure
SQL Database and
SQL Managed
Instance

DMV Diagnostic Query Structure

Instance-level

Instance-wide,
doesn't matter
which database you
are connected to

Database-level

Make sure you are
connected to the
database you are
concerned with

Notes and links

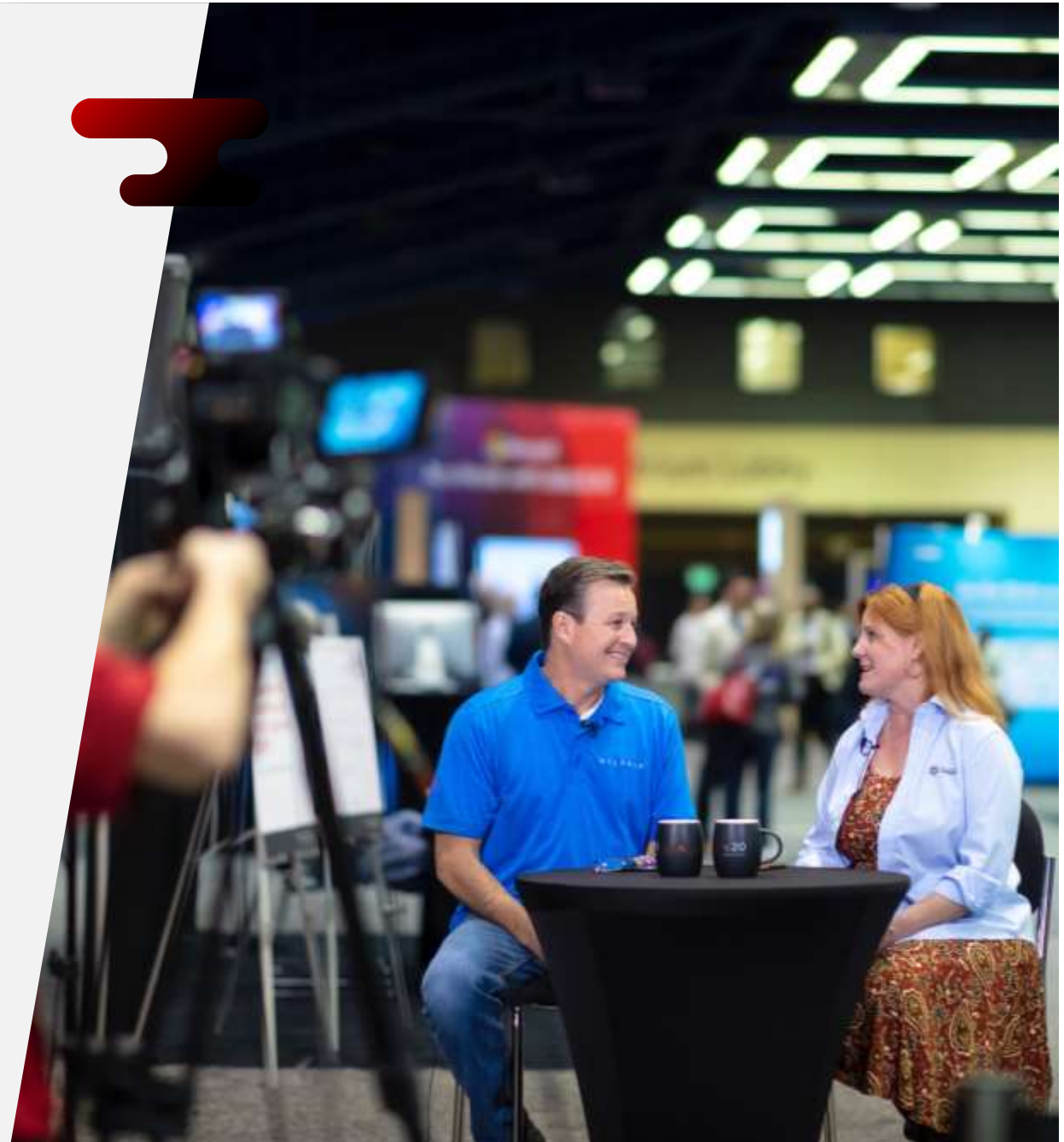
Lots of useful
information about
how to interpret the
query results

Where Can You Get These Amazing Queries?

- They are on my blog (they are 100% free)
 - <https://glennsqlperformance.com/resources/>
 - <https://bit.ly/34sJbWQ>

DEMO

SQL Server 2022 Diagnostic Queries



Summary

- DMV Diagnostic Information Queries are extremely useful
- Helps you find many configuration and performance issues
- Often used by consultants and DBAs for Health Checks

Thank you

I appreciate your attendance!

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