Microsoft

TechCon 365 PWR CON DATA CON

Mastering Elastic Database Pools: Best Practices and Troubleshooting from Microsoft Support

/josemanueljuradodiaz
@jmJuradoDiaz
José Manuel Jurado Díaz
Jmjurado@Microsoft.com

Jose Manuel Jurado

Escalation Engineer
Microsoft

- **Services Delivery Excellence Team for PaaS databases.**
- 14 Years @ Microsoft
- **Supported SQL Server Core, Analysis Services and SQL Server On Azure VMs or other RDBMS.**
- Working with DevOps (ARM), startups companies, Developers, DBA, DBM, CIO, CFO, etc.

- **Speaker @SQL Saturday, TechReady, SQL Nexus, SQLBits, Microsoft Summit, Azure Global BootCamp, SQLKofenrenz, SQLDay.**
- Worked previously as DBA, Developer, IT Manager and other jobs for more than 25 years which I don't even remember anymore.
  Microsoft Certified Trainer and other certifications.

Juan Moreno Romo

Support Escalation Engineer
Microsoft

- **Based in Madrid, Spain**
- 9 Years @ Microsoft
- **Supporting SQL Server On-Premises**
- SQL Server Core team
- HA SME

- **Speaker @ SQL Saturday, SQL Day, Azure Global Bootcamp, Summit, NetCoreConf, CodeCamp, etc.**
- Developer, DBA, Data Modeler, Software Architect, IT Manager, Project Manager, SQL Server and SQL Server on Azure VM Support Escalation Engineer.

/JuanEMorenoRomo

@DarthSicuel

Juan Moreno Romo

jumoreno@microsoft.com

Microsoft

TechCon 365

PHOTOGRAPHY DURING THE SESSION

Feel free to capture the moment! Taking pictures of the presentation, during the session is perfectly fine.

SELFIES WITH THE SPEAKER

We encourage interaction! If you'd like to take a selfie with the speaker, don't hesitate to ask. Most speakers will be happy to oblige during appropriate breaks.

RECORDING AND LIVE STREAMING

Recording or live streaming the session, in part or in full, is strictly prohibited. Thank you for respecting our content and Speakers.

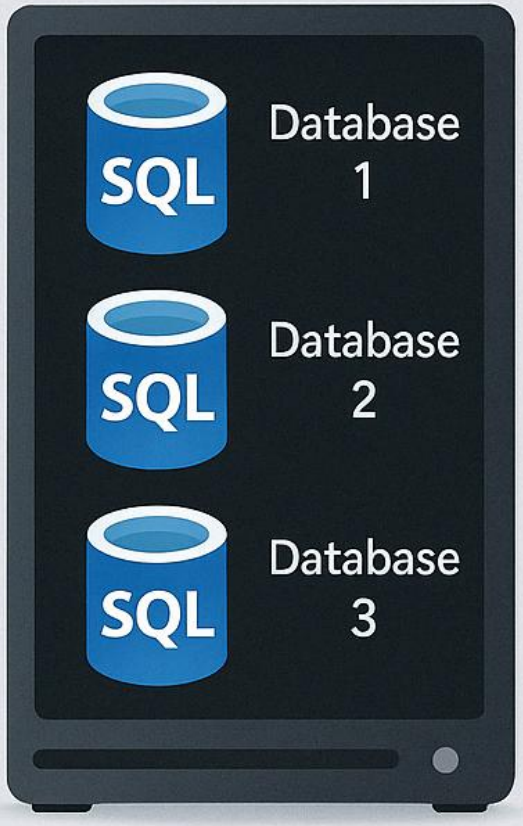
Microsoft

Agenda

- Elastic Database Pool vs SQL Server Instance
- Finding Performance Issue (Portal, QDS, Copilot)
- QDS Summary across Elastic Database Pools

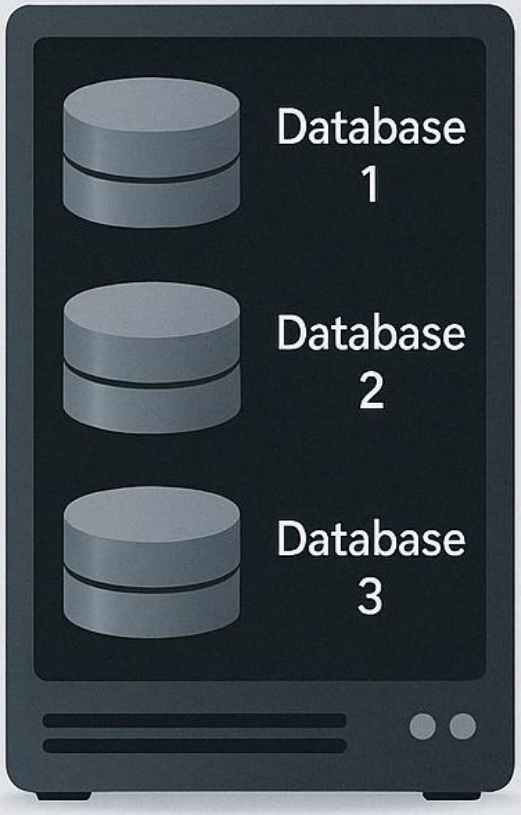
Common features

Elastic Database Pool vs. SQL Server Instance



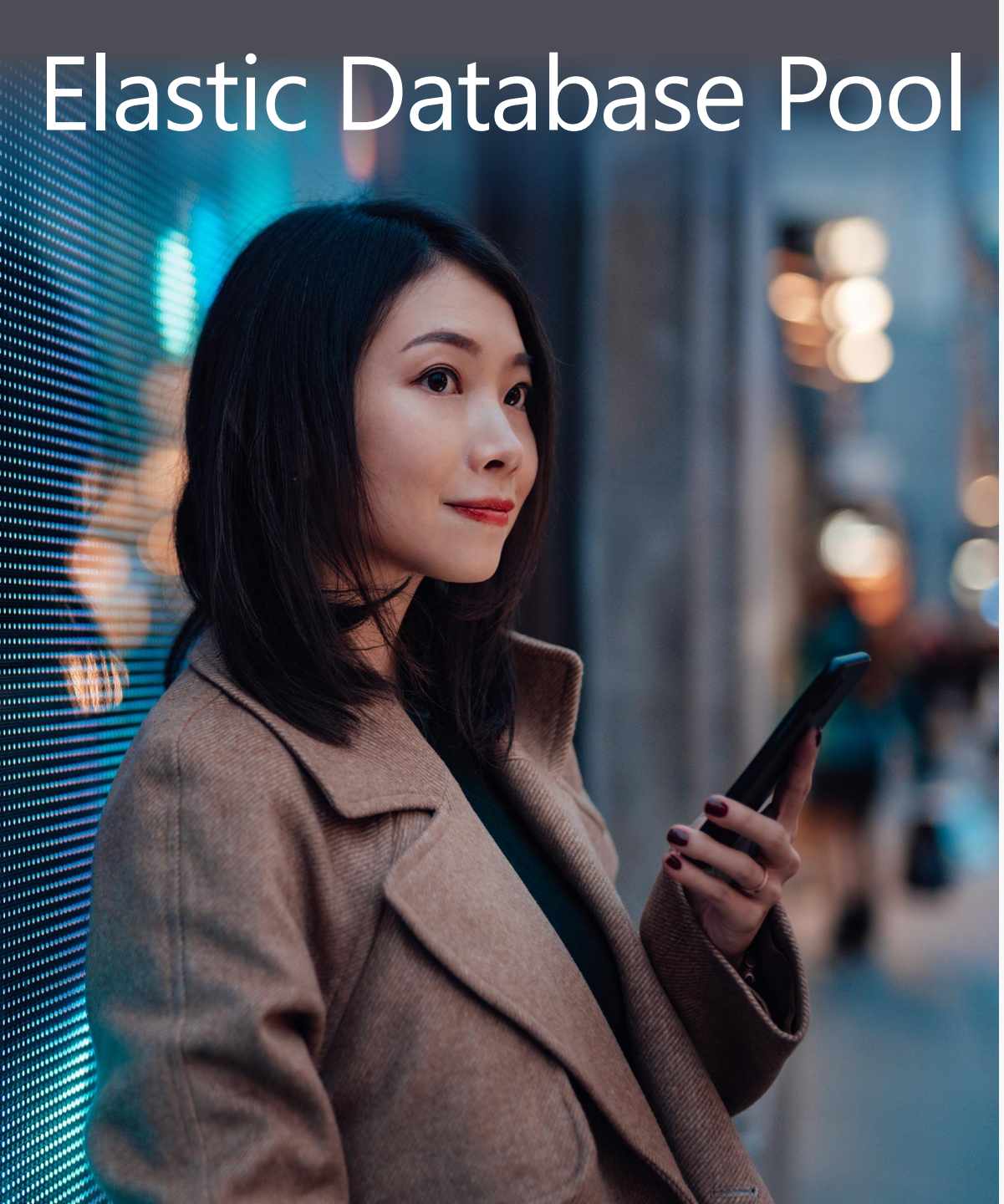
Elastic Database Pool

- CPU, memory, and tempdb shared
- Multiple databases running
- SQL Server architecture



SQL Server Instance

Elastic Database Pool



Elastic database pool

Service tier	General Purpose
Compute tier	vCore
Hardware	Standard-series (Gen5)
VCore	8 vCores
Memory	40.8 GB est.
Storage	703 GB

Databases

	Min vCores	Max vCores
jmjuradotestdb1		
jmjuradotestdb2		
jmjuradotestdb3		

Hands-On-Lab I

Finding Performance Issue
(Portal, QDS and Copilot).

Hands-On-Lab II

QDS Summary Across Elastic database Pool

Q&A + Wrap Up

- **Final** questions
- **Sharing resources and GitHub repo**
- What will you apply after this session?

Microsoft Pow

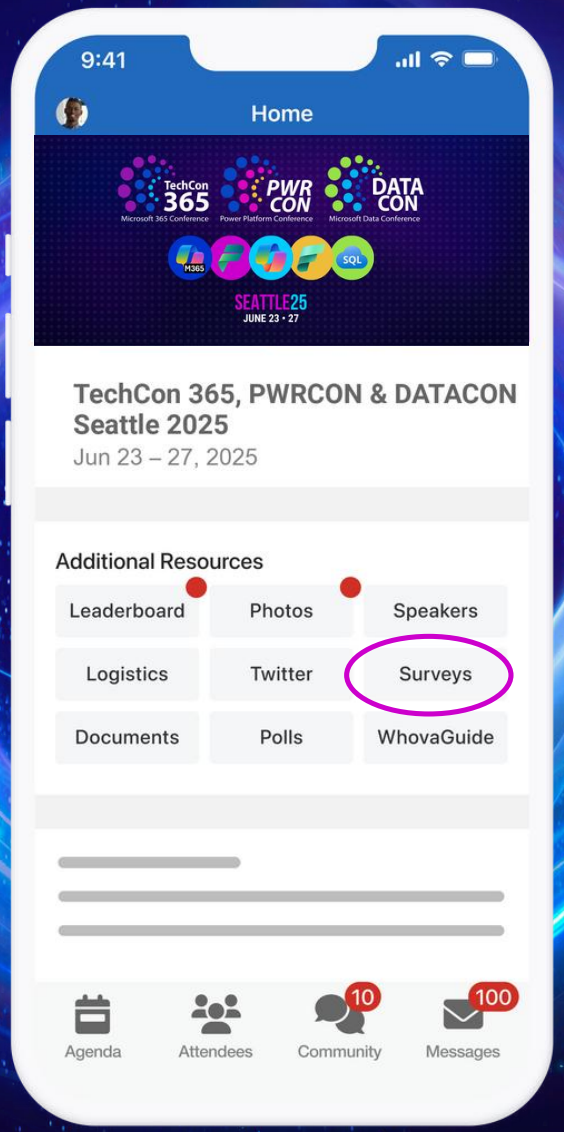
Thank you.

Jose Manuel Jurado Diaz
Escalation Engineer
Microsoft

Juan Moreno Romo
Support Escalation Engineer
Microsoft

Queries right now? *Shoot them!*
Queries in future? *Ping them!*

© Copyright Microsoft Corporation. All rights rese



How was the session?

Search for Whova in the App Store or Google Play

Fill out the Session Surveys in the TechCon 365, PWRCON & DATACON Event App and be eligible to WIN PRIZES!