

What we learned



Section 5 - 30 minutes

Why Azure?

Rapidity

Resiliency

Resources

IaaS

- **SQL Server licensing**

- Bring your own licensing (BYOL)
 - Use a Windows VM image, install SQL Server with your license key, pay for compute costs
- Image
 - Use a SQL Server VM image, pay compute & SQL Server costs
 - All features are installed – every last one!
 - SQL Server 2008R2, 2012, 2014, 2016
- BYOL image
 - Enter your key within 10 days
 - All features are installed



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PaaS

- **SQL Database**
 - Single database
 - Elastic pools
- **Database only – no Analysis Services, Integration Services, or Reporting Services**
 - SQL Data Warehouse (GA as of July 13, 2016)
 - Data Factory
 - Power BI



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IaaS

- Need to rapidly move existing database into Azure
- Databases larger than 1 TB
- DR for on-premises SQL Server instances
- Save on hardware costs

PaaS

- New cloud-designed apps
- Apps that need built-in HA and DR
- Scale-out
- SaaS
- Save on hardware costs
- Reduce maintenance time



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You need to learn things

- **PowerShell**
 - Get really familiar with PowerShell
- **Azure Networking**
 - If your resources can't talk, you're in trouble
- **Automation**
 - PowerShell, ARM templates, Azure Automation, Elastic Jobs



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What you pay for

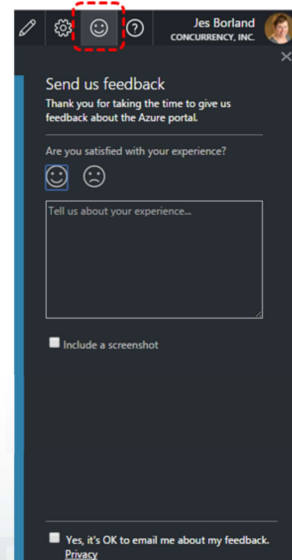
- Network (VPN Gateways, Public IP Address, Express Route)
- Compute (VMs)
- Licensing (SQL Server)
- Storage (disks)
- Throughput (SQL Database)
- Automation
- Data out



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How you give feedback

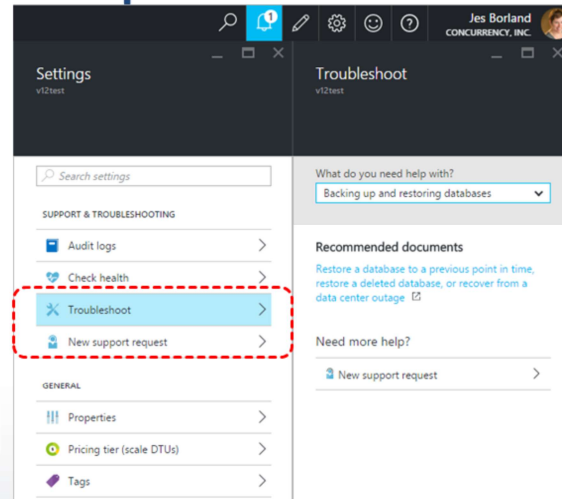
- Portal - top right corner
- Website
<https://feedback.azure.com/forums/34192--general-feedback>



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How you get help

- **Portal**
 - Troubleshoot
 - New support request
- **MSDN forums**
- **Stack Overflow**



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Thank you!

- **Matt Boudro**
- **Tim Gabrhel**
- **Mike Fal**
- **Grant Fritchey**
- **TJay Belt**



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Download scripts

- <https://github.com/grrlgeek/azure-sql-server>



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