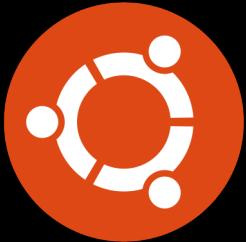


How Ubuntu empowers databases and cloud development on Azure

SQL Server ❤️ Linux

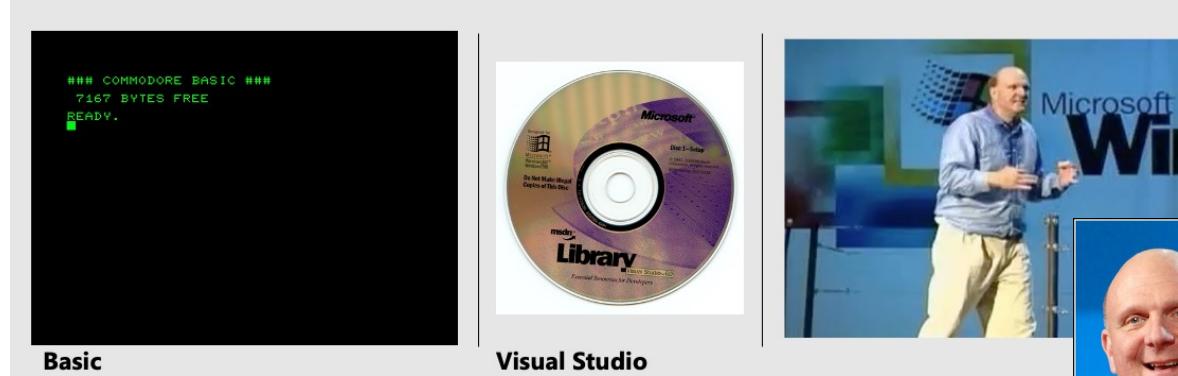


Ian Choi, Developer Product Marketing Manager APAC



Microsoft loves “Developers”

MICRO
SOFT



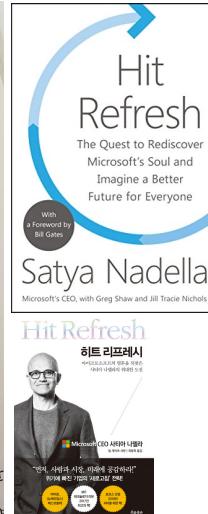
Linux is a cancer that attaches itself in an intellectual property sense to everything it touches.

— Steve Ballmer —

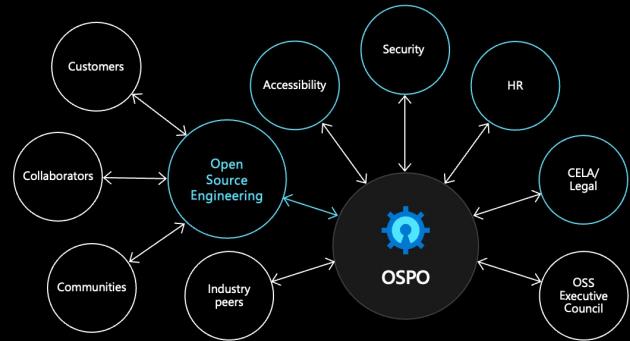
AZ QUOTES

의 경쟁 제품인 리눅스 플랫폼을 제작하는 레드햇 Red Hat 과도 협력 중이다. 그러면 리눅스를 기반으로 제작된 레드햇의 기업용 제품들이 애저 클라우드를 통해 마이크로소프트가 세계 곳곳에 편리한 지역 데이터 센터를 활용하는 방식으로 전 세계로 규모를 확장할 수 있다. 어떤 사람들에게는 레드햇과의 파트너십이 우리가 애플이나 구글과 협력하는 일만큼 놀랄지는 않을 것이다. 하지만 무대 위의 내 어깨 너머로 “마이크로소프트는 리눅스를 사랑합니다.”라고 적힌 슬라이드가 등장하는 순간 한 분석가가 지속이 꽁꽁 얼어붙는 느낌이었다고 회상했다.

가끔은 불안하겠지만 특정 제품이나 서비스 분야에서 경쟁사와 이런 식으로 파트너십을 맺을 수 있다. 우리는 클라우드 시장에서 아마존과 치열한 경쟁을 벌인다. 이건 분명한 사실이다. 그



With open source world!



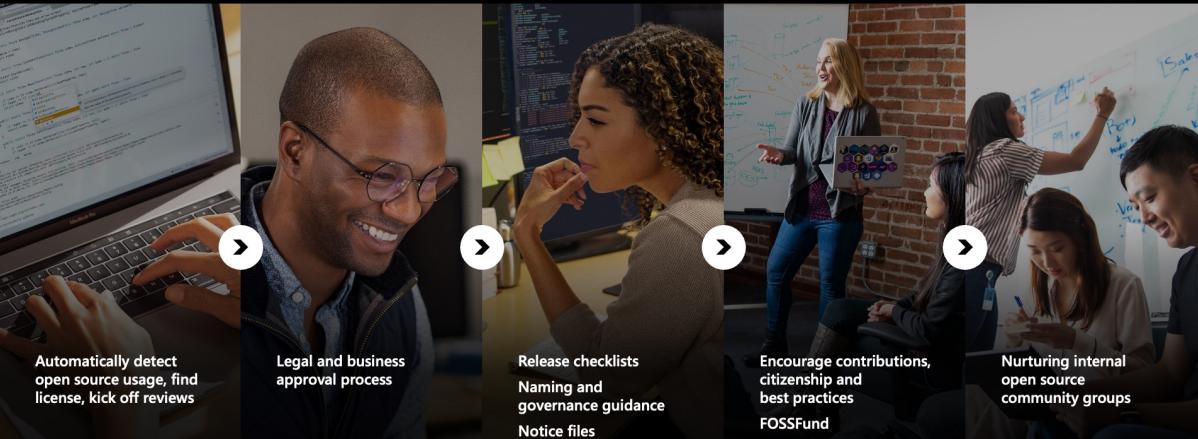
OSPO, Open Source Program Office



WSL

Run your applications your way while optimizing IT costs

A slide titled "Run your applications your way while optimizing IT costs" featuring the Azure logo. It highlights several services: "Linux on Azure—fastest growing platform on Azure", "Flexibility of choice for modern app development", "Access enterprise-ready databases and analytics", and "Enterprise-grade security and compliance". Below these are sections for "Collaborative", "Secure", and "Flexible" development. A footer section lists "Joint engineering | Joint operations | Joint support" and logos for Canonical, Confluent, Databricks, Docker, HashiCorp, Redis Labs, Spring, and SUSE.

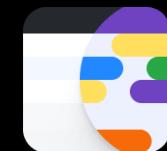


What OSPO does

Embrace Open Source

Acknowledge that modern software development uses open source

Ensure that you use open source in a secure, compliant manner



GitHub Actions & Codespaces for open source projects

Brendan Burns



One of Kubernetes founders



The father of Python

“Azure SQL”: for your seamless database experiences

A unified SQL portfolio built on the industry-leading SQL Server engine

SQL Server on Azure
Virtual Machines



Azure SQL
Managed Instance



Azure SQL
Database



Best for re-hosting and apps requiring
OS-level access and control

Automated manageability features and
OS-level access

Best for modernizing existing apps

Offers high compatibility with SQL Server
and native VNET support

Best for building new apps in the cloud
Pre-provisioned or serverless compute
and Hyperscale storage to meet
demanding workload requirements

Infrastructure as a Service

Platform as a Service

+ You can run

SQL Server ❤️ Linux

on your Ubuntu and other Linux distributions!

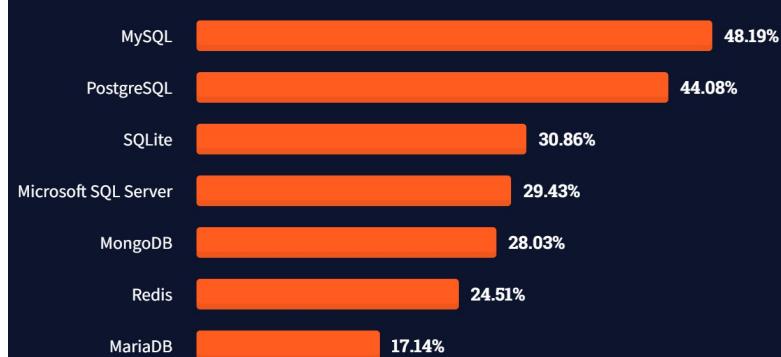
Enterprises are embracing Open Source DBs



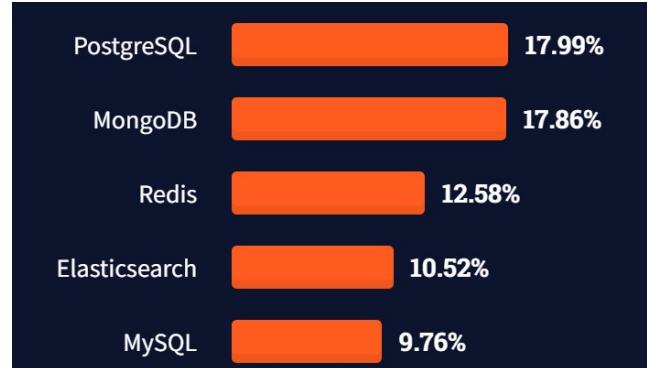
#1

PostgreSQL DBMS of the Year 2020
and 2018 by DB-Engines

Most used Database by Professional Developers



Most wanted Database by Professional Developers



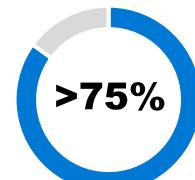
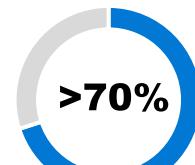
[Stack Overflow Developer Survey 2021](#)



54%

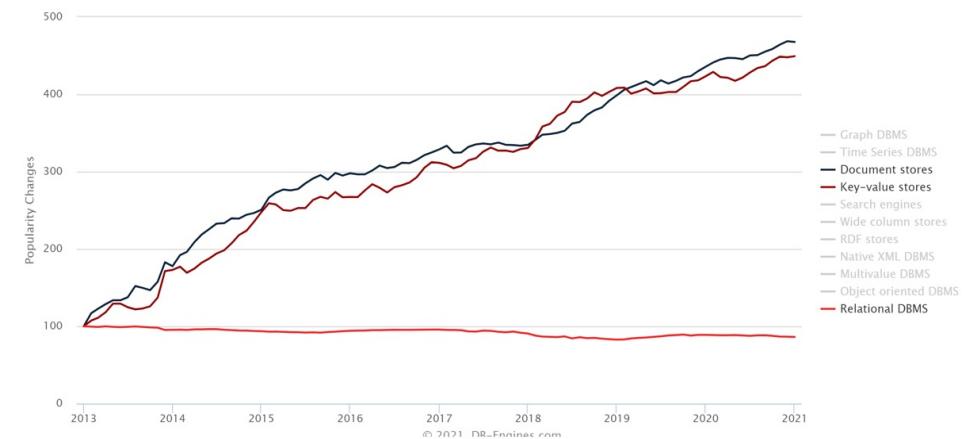
MySQL #1 DBMS of the year 2019
used by 54% of developers

[DB-Engines](#), 2021



NoSQL/Cosmos going through the roof!

Complete trend, starting with January 2013

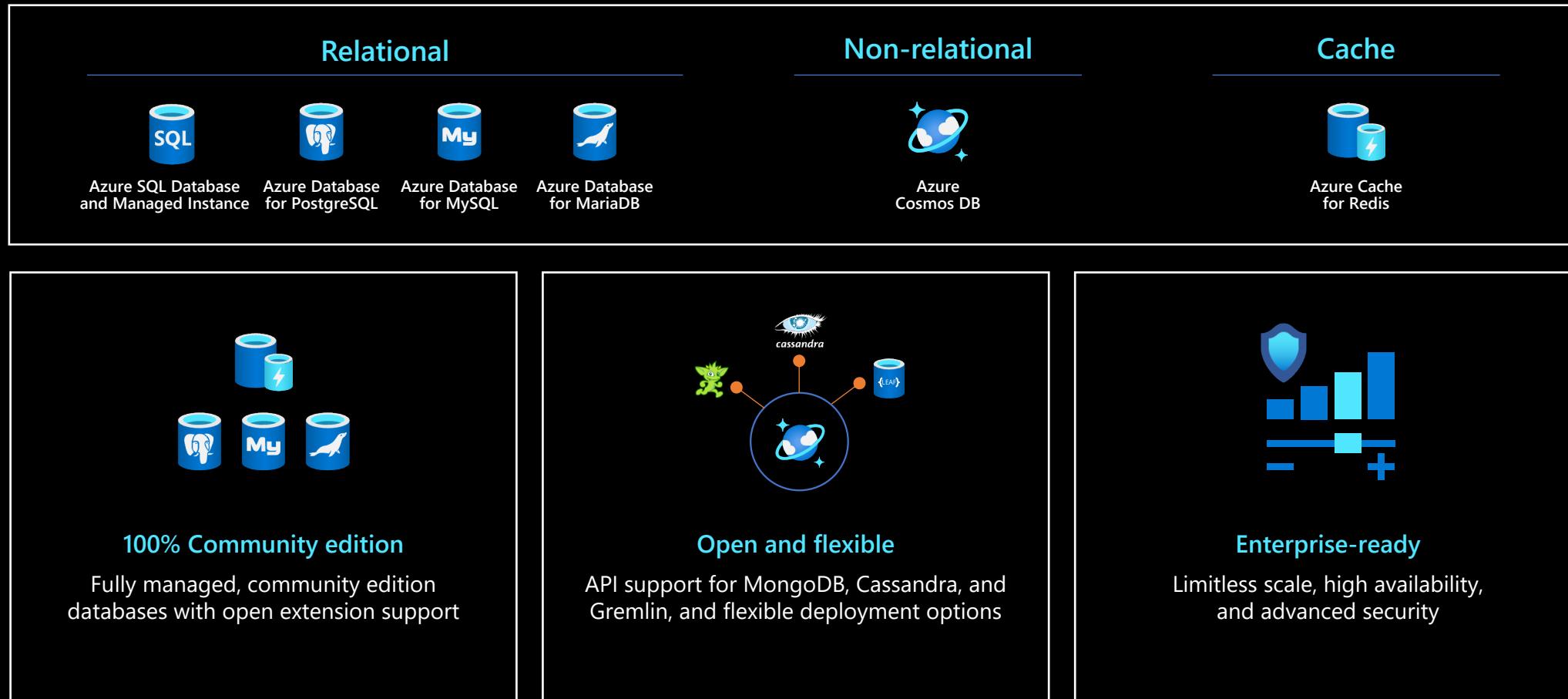


1. Gartner: "State of the Open-Source DBMS Market, 2019"

2. Gartner: "Magic Quadrant for Operational Database Management Systems, 2019"

Azure Managed Databases for OSS DBs

The widest choice of fully managed databases: open, secure, enterprise-grade





OSS DB Relational on Azure Cloud

✓ **Overview**

Our Open-Source databases :

- Fully managed Database as a Service (DBaaS)
- Are built on the community versions of MySQL, MariaDB and PostgreSQL
- Support for upstream projects handled by Microsoft
- Considered first class citizens on Azure
- Integrate with the entire Azure data ecosystem in line with our commercial offerings
- Developer friendly

Today workshop

SQL Server ❤️ Linux



✓ Go to aka.ms/LearnAzureAtUbuConAsia and do your self-hands on! I will help you

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Microsoft Azure at Ubucon Asia 2021 - special collection

Collection • Edited on 8/30/2021 • Created by Ian Choi Share

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16 min
★★★★★ 4.7 (3,033)

MODULE
[Deploy SQL Server on Linux](#)
1 hr 18 min
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