



KubeCon



CloudNativeCon

Europe 2022

Scaling Databases with Vitess

Harshit Gangal, PlanetScale, @harshitgangal
Manan Gupta, PlanetScale, @guptamanan100



Agenda

- Introduction to Vitess
- Demo
 - Importing data from RDS into Vitess
 - Using Rails with Vitess
- Upcoming Features



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@vitessio

Introduction



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A database clustering system for horizontal scaling of MySQL

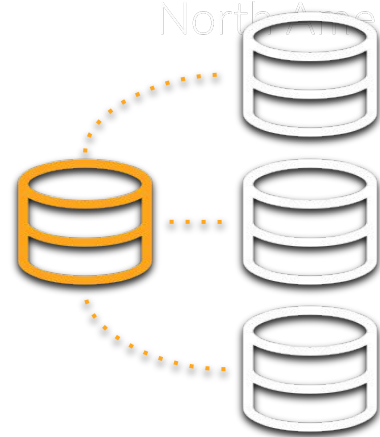
- CNCF graduated project
- Open source, Apache 2.0 licence
- Contributors from around the world and community



@vitecssio

Use Case

- Sharding your database
- Easier Cluster Management
- Online DDL Operations
- Seamless Backup/Recovery Operations
- Protection against Human Errors
- Connection Pooling



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Vitess serves millions of QPS in production



CloudSigma

New Relic

peak
GAMES

weave

学客网
XUEKEWANG

AXON

BetterCloud
Powering Cloud IT

1

СитиМобил

connectteam

Flipkart

ginbits

GitHub

HubSpot

JD 京东
.COM

nozzle

السوق المفتوح
opensooq.com

Pinterest

proteccion

planetscale

Quiz of Kings

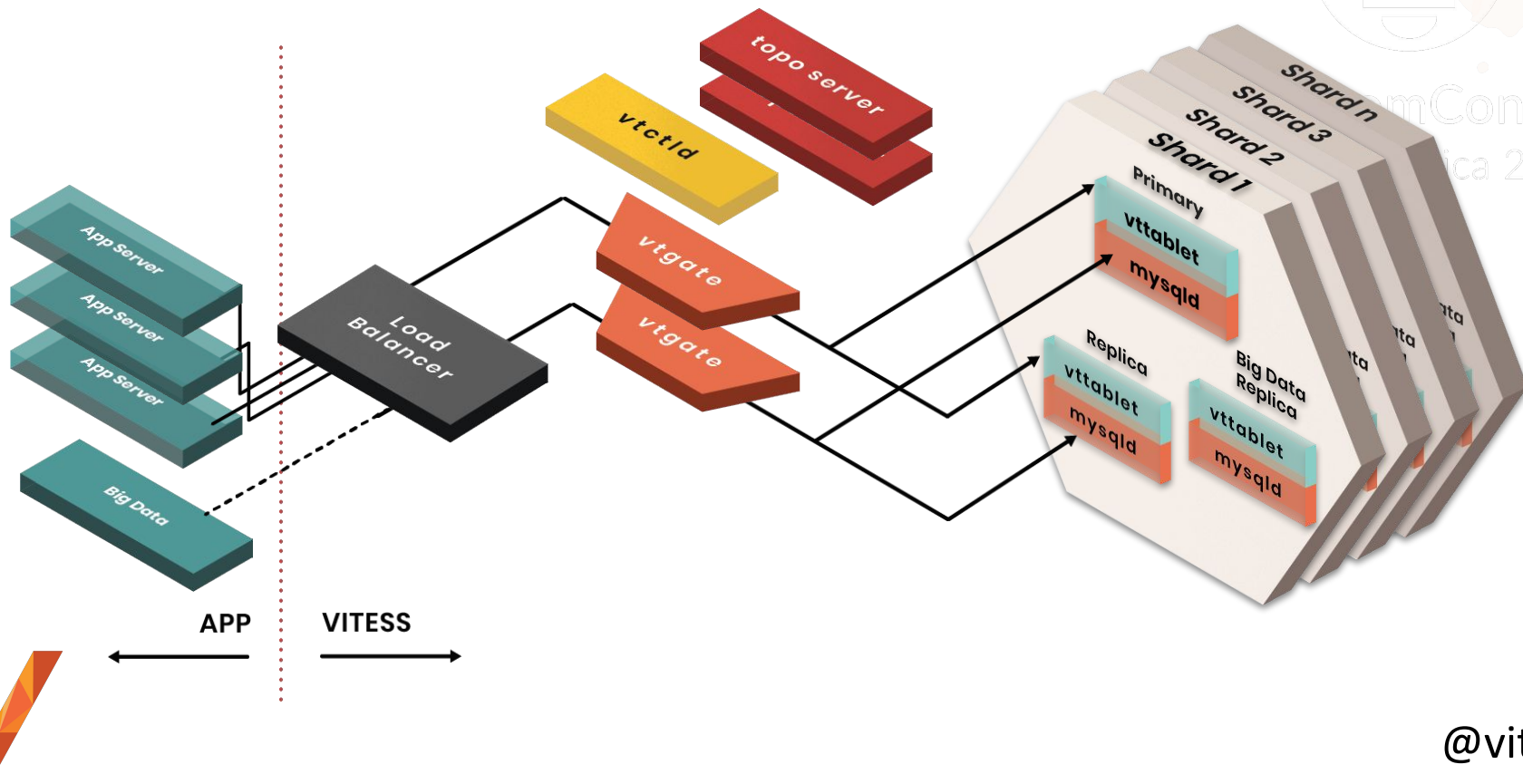
slack

Square

stitchlabs

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Architecture





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Demo



Upcoming Features

- VTOrc - Orchestrator as a native component
- VTAdmin - New and improved UX
- Causal Consistency



Resources

- Docs: vitess.io/docs
- Code: github.com/vitessio/vitess
- Slack: vitess.slack.com
- Twitter: [@vitessio](https://twitter.com/vitessio)



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Q&A

