

I've been everywhere man

USWEST

Quest®



I've been a few places

Just like
your data

Total Issues

4429

High Severity

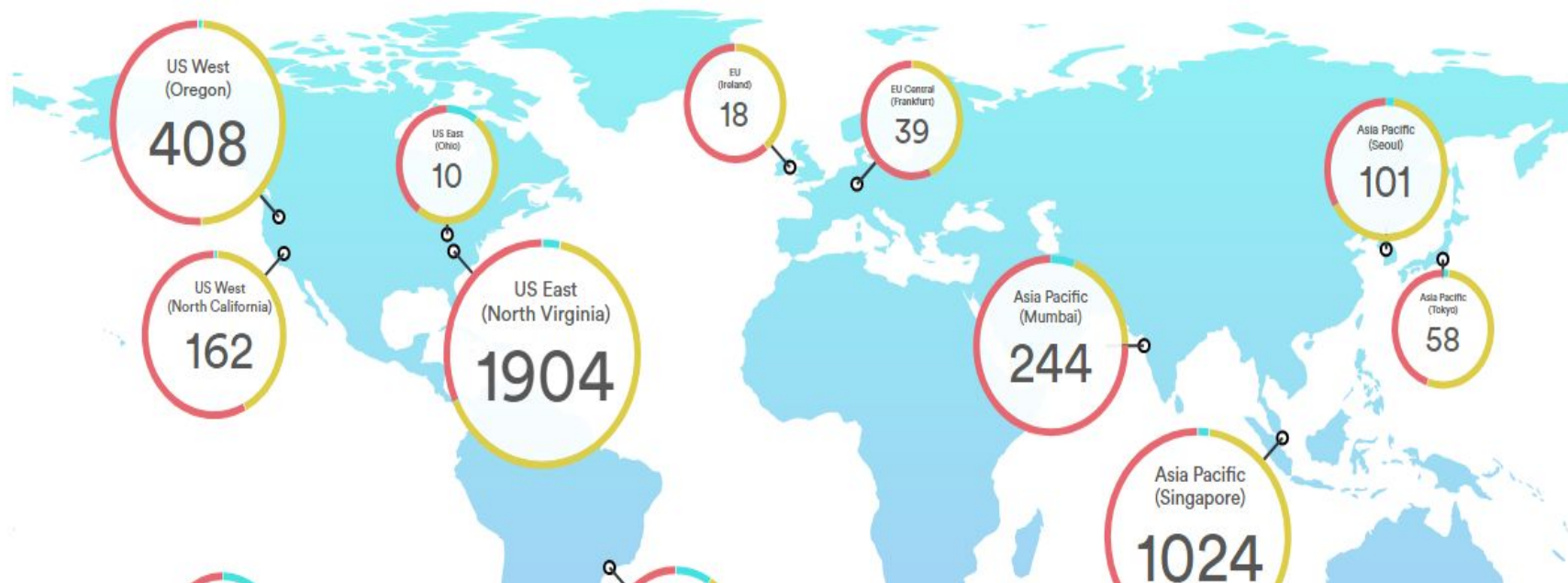
1962 failed

Medium Severity

2316 failed

Low Severity

151 failed



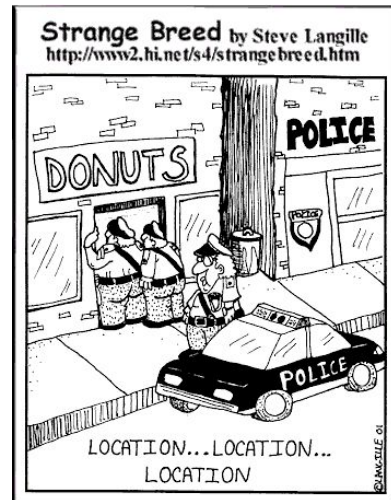


Migrating Your Data to the Cloud? Location Matters

Clay Jackson
Sr Sales Engineer

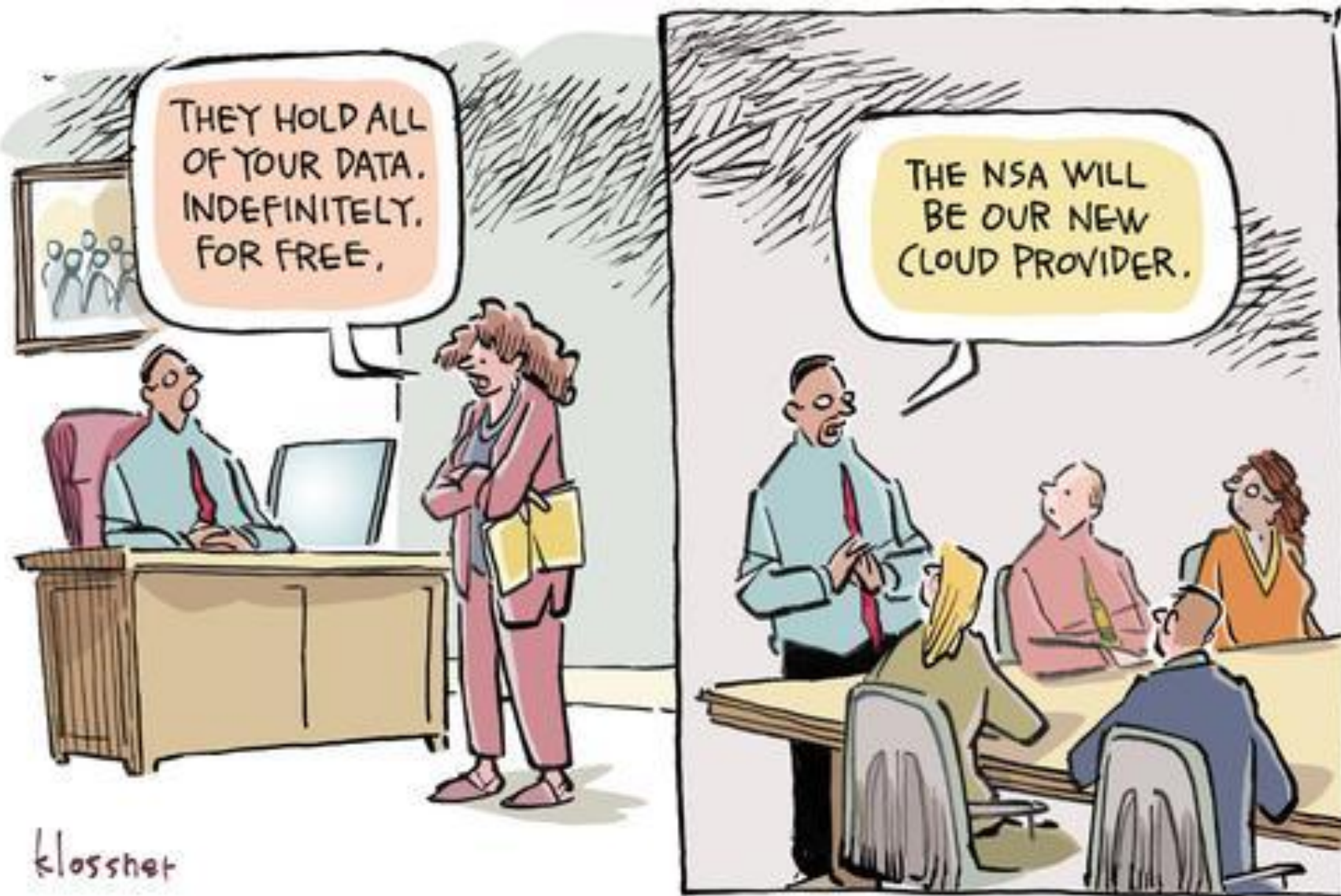
Location
Matters

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Just like Real Estate

- Some locations are better
- One size does not fit all



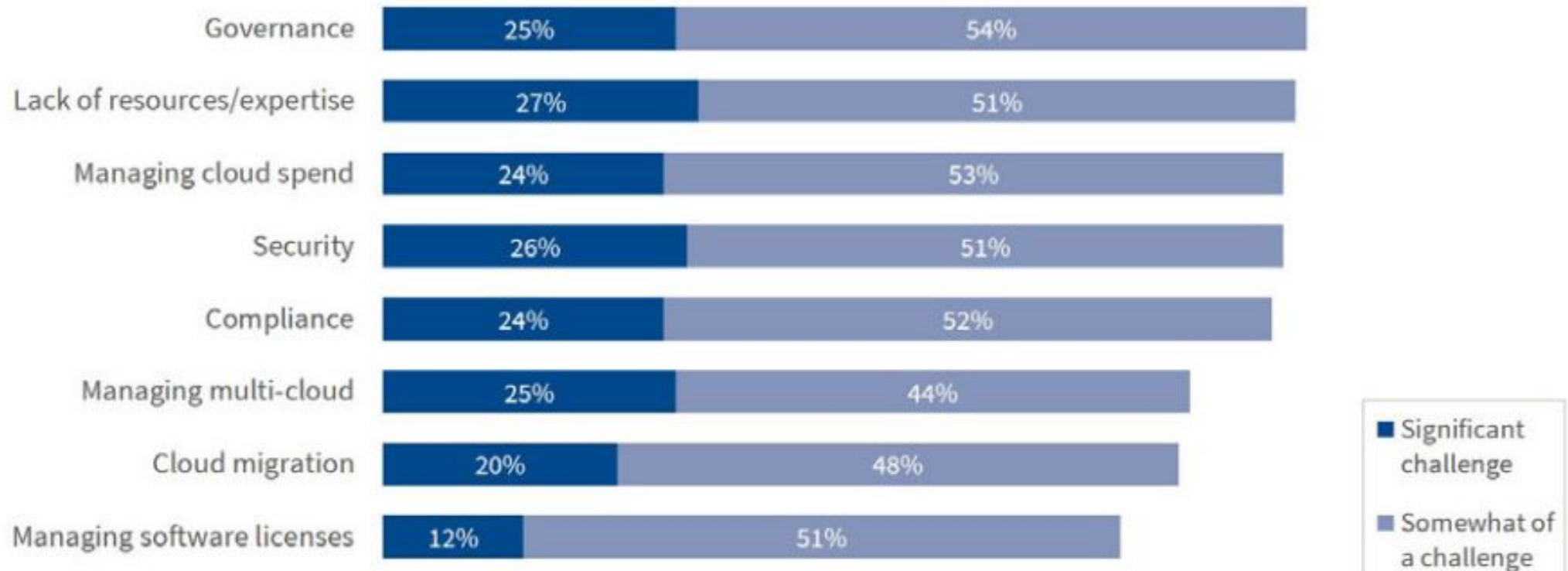
Choosing your location wisely

- Security/Compliance
 - HIPAA
 - PCI
 - SOX
- Performance
 - Network Traffic



Cloud Challenges

% of All Respondents



Source: RightScale 2019 State of the Cloud Report from Flexera

Alternatives

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Deployment and Service Models are the key



Sometimes Physical location
can be important

Guards and Guns



Software as a Service will probably be remote

Public Cloud



Least Expensive



Least Secure



Easy Expansion and Contraction



Network traffic may
be an issue

Bandwidth
Cost
Latency

Community Cloud



More secure than Public



Easy Expansion and
Contraction

But there may be limits



May cost more



Data Sharing may be easier



Network traffic may be an
issue

Bandwidth
Cost
Latency

Private Cloud



On Premise or Remote?



Most secure



Most costly



Expansion may be limited



Can be located near your customer

Faster access

Software as a Service



Almost always remote



No infrastructure costs



Less security



Less control



Is the data really yours?



Possible network traffic concerns

Platform as a Service



Almost always remote



Reduced infrastructure costs



Security can still be a concern



Control can still be a concern



Is the data really yours?



Possible network traffic concerns

Infrastructure as a Service

Can be remote or on premise

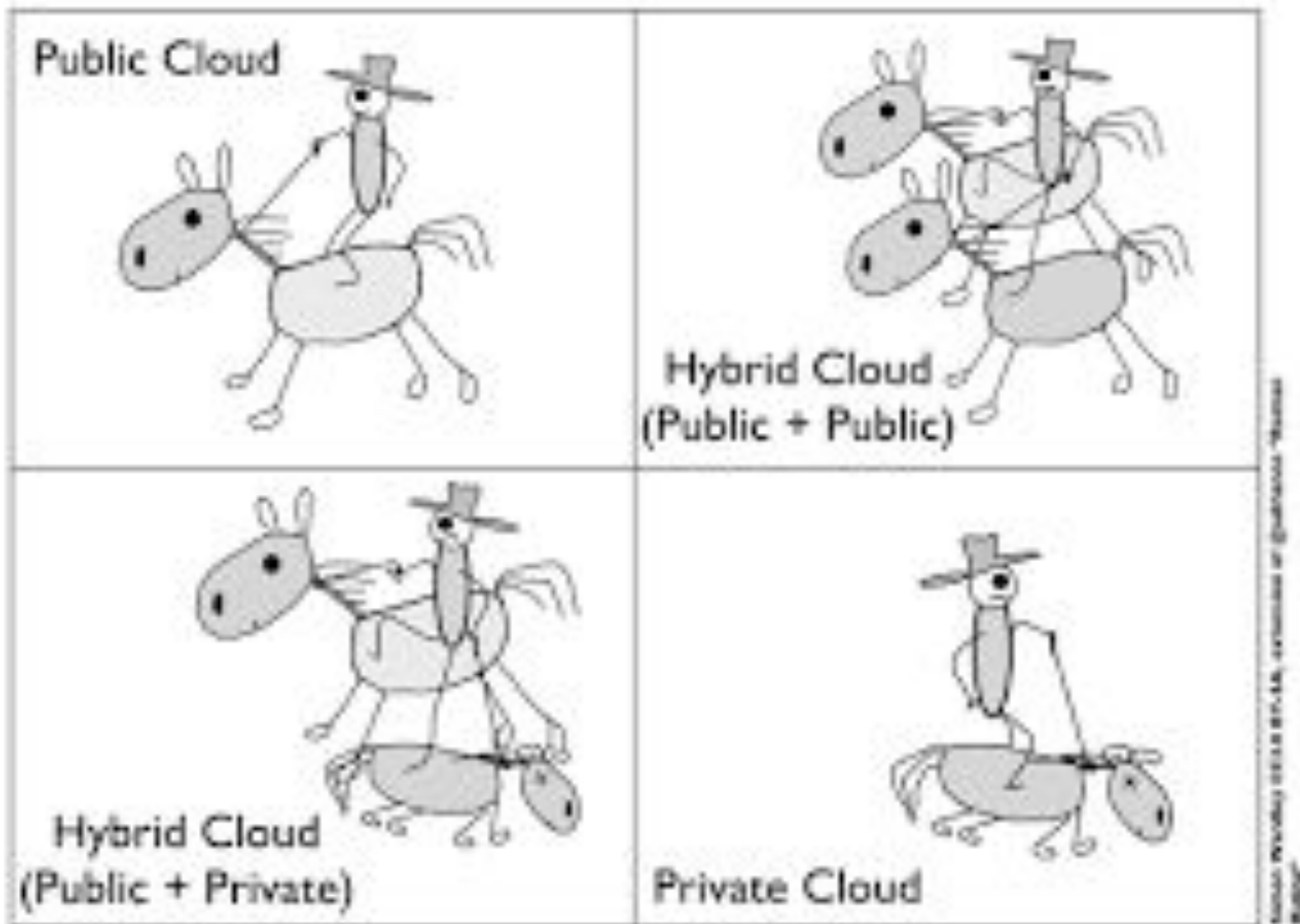
Same as today's hosting

Still scalable

Most secure

Most control

More internal costs



Hybrid Cloud



All of the above!



Can be best of all worlds



Won't completely eliminate on premise costs



Probably most resource intensive



Addresses security and network concerns



Puts the data where it's needed

Tools

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Replication – Synchronized Data in Multiple Places



Can mitigate migration issues

Downtime
Failback



Can mitigate security issues

Don't replicate sensitive data



Can mitigate access issues

Keep data close to the customer
Access data across different versions of Oracle

Data Analysis Tools



Find sensitive data



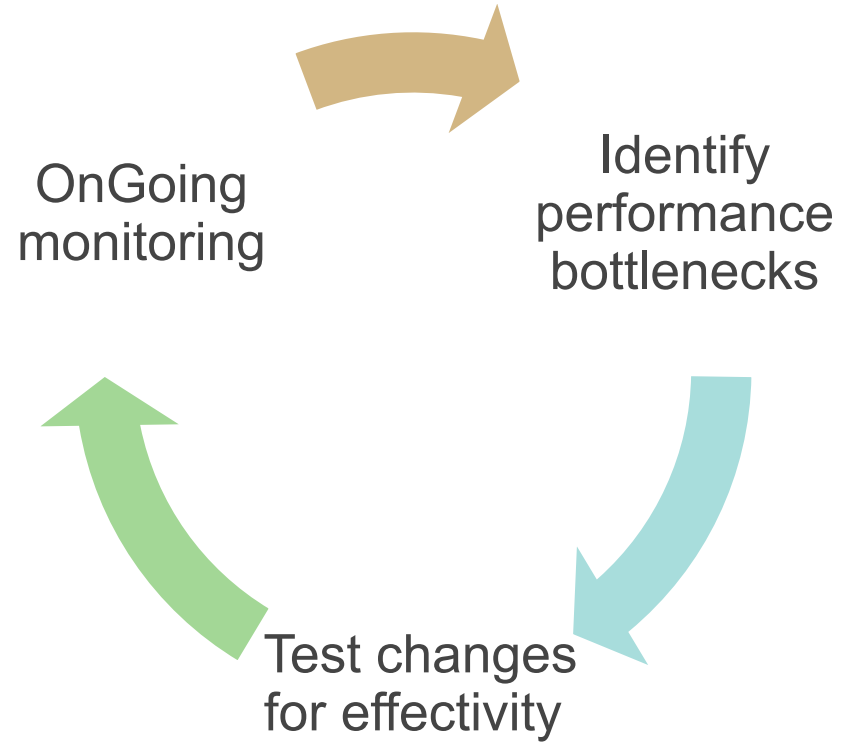
Mask/Redact sensitive data



Develop Data Models



Generate and execute scripts



Performance Monitoring Tools



CAPTURE
WORKLOADS



TEST WORKLOADS IN
NEW ENVIRONMENTS

Benchmarking Tools

Summary

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12 km

Cloud Migrations are a journey

9 km

- Data placement (location) is important
- Not all Clouds are equal
- Processes and Tools can help

6 km

Cumulus

3 km

0 km

Cirrus

Cirrocumulus

Alto cumulus

Strato cumulus

Stratus

Cumulonimbus

Nimbostratus



Streamline your Database Operations with Quest's Database Solutions

 **Foglight®**
Performance Monitoring

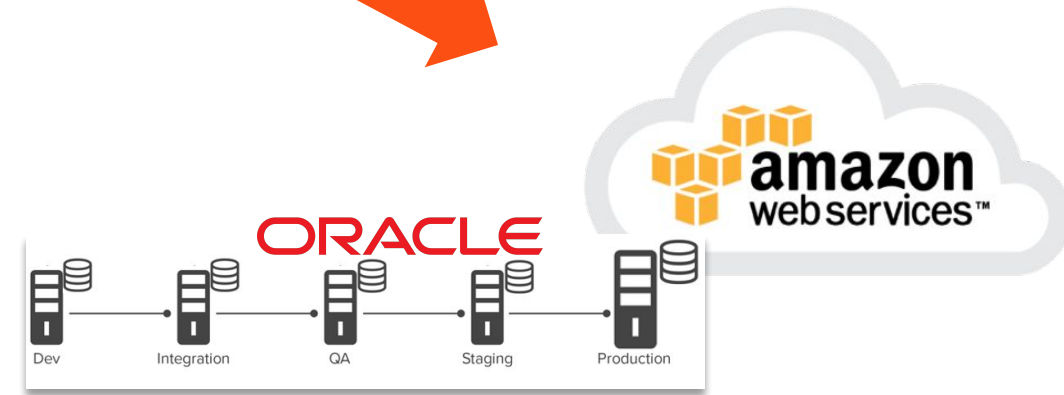
 **SharePlex®**

Replicate & Migrate



Toad® DBA Edition
for Oracle
With Sensitive Data
Protection

Scalability Test Manage & Protect



Q & A



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<https://www.youtube.com/watch?v=UjPoWpkBzmM>

Thank You

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