06-21-19

QueryCon Taking Osquery to the Mainstream to Benefit Us All

Tania McCormack

Carbon Black.



2. Research Time

3. Research Summary

4. Experiments

5. Community Recommendations

Carbon Black.

Why Carbon Black Joined the Osquery Train

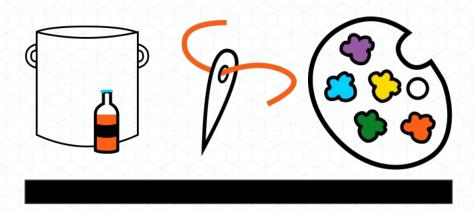
To provide an **easy path** for our customers to **valuable** real time data.

What We Gave Them

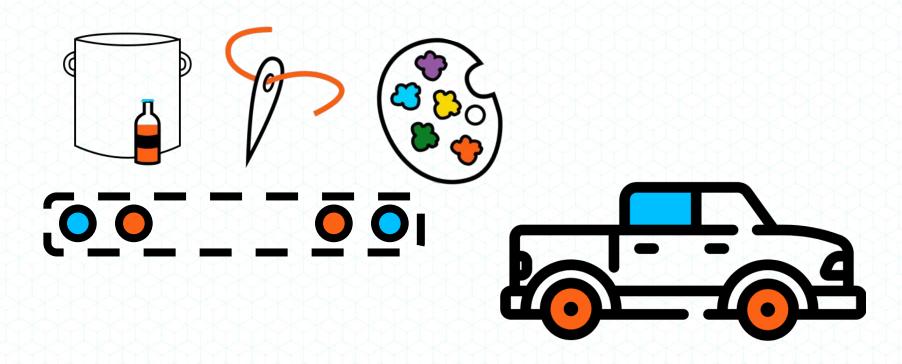


What We Learned





Oh No...What If?



How Did We Get Here?

R1 RESEARCH

Prototypes

Shared Screen

Cust. Interviews

FIRST FOCUS



Advanced Users



MVP



What We Learned

MVP





Research Time

Asking The Right Questions

WHAT DON'T WE KNOW?

What is your background?

How can this data help their day to day?

How often do they need it?

How do we surface the need?

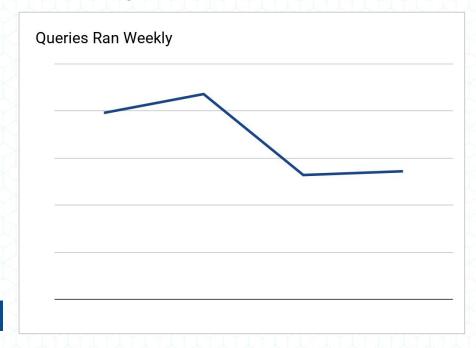
When do you need this data?

Where do you want to view it?

Why should you care about this data?

What are the best queries for my team needs?

WHAT WE KNOW



Answering The Questions

Usability Calls

First impressions
One month later

Internal Team feedback

SecOps
Infrastructure
IT/Help Desk

User Analytics

User activity
Storage with new AWS

Market Check-In

Where does Osquery fit

Who Are They

What is your role & background?

Security Analyst Came from IT

What's your team like?

1-3 People
Mix of IT/Security folks

Have you heard of Osquery?

I think, but never used Know "some" SQL

Why did you try this?

It seemed like something I might need to help productivity

Have you been using it?

Not really

Summary: Current Users

What, why, & when should I query?



What do the results mean?



This doesn't fit my workflow...



Summary: CB Secops

Hard to get going, hard to manage.



Data returned is hard to consume.



I just want to set and forget.



Summary: CB IT/Help Desk

It's yet another tool...



If you can get us to root cause faster...



Are there IT focused packs for benchmarking?



Research Conclusions

Top Problem Statements

1 Not Comfortable

2 Not Confident

3 Not Hooked

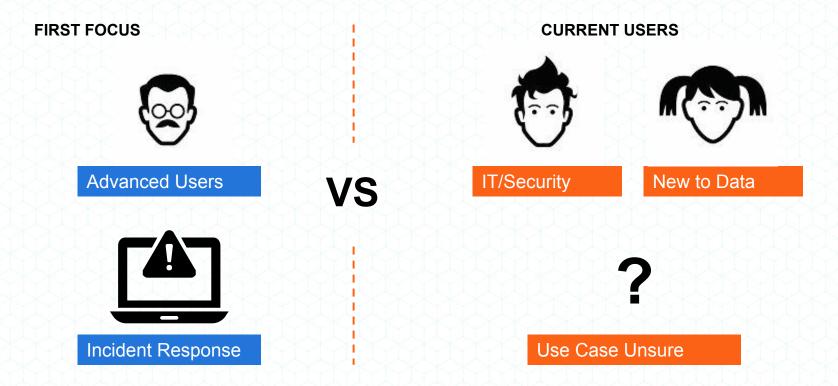
Goal: Make Users...

1 Not Comfortable

2 Not Confident

3 Not Hooked

How Did We Get Here? Revisited

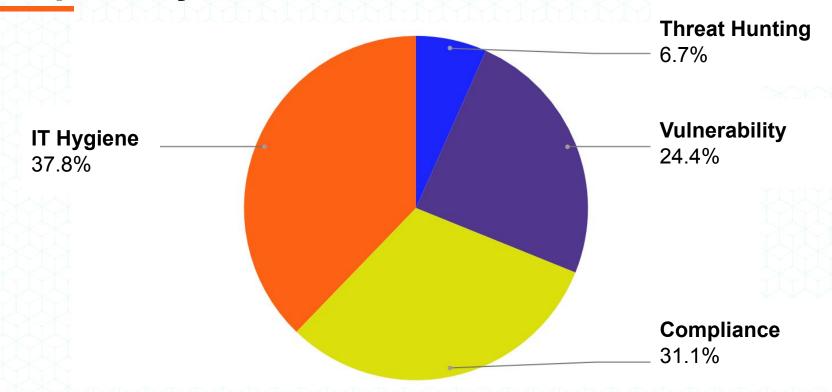


Experiment Time

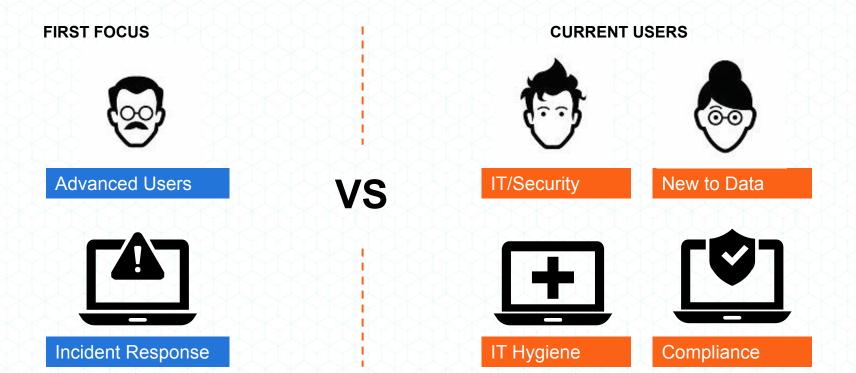
Popularity Contest: Recommended Queries



Popularity Contest: Results



How Did We Get Here? Revisited



We Still Have More To Learn

WHAT DON'T WE KNOW?

What is your background?

How can this data help their day to day?

How often do they need it?

How do we surface the need?

When do you need this data?

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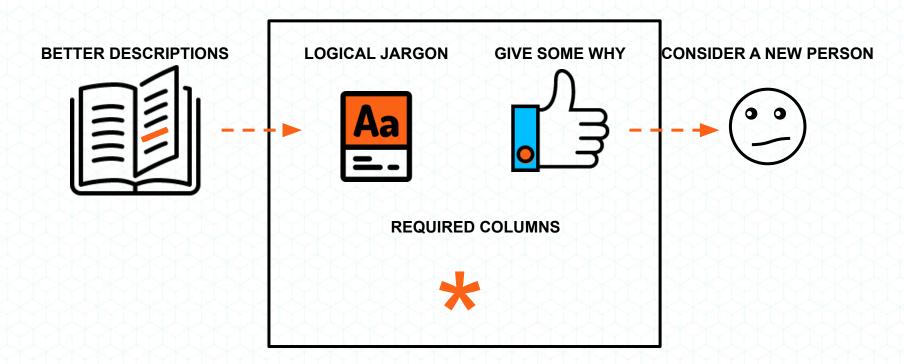


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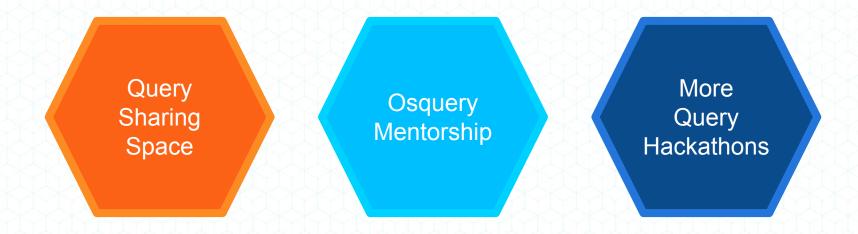
experiments, interviews, and data monitoring

Dear Community

Top Priority: Improve Barrier of Entry



Cool Ideas



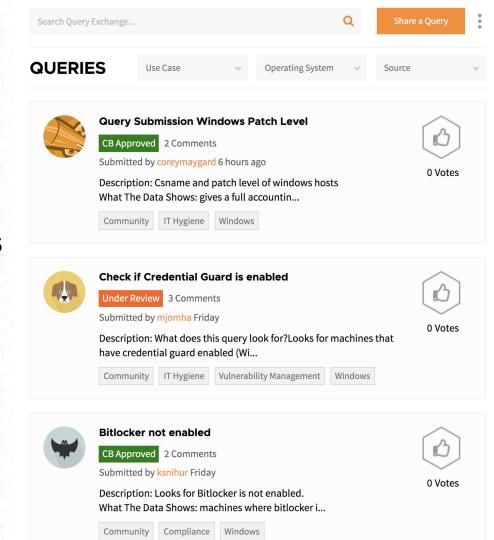
Public Query Space

Hosted by Carbon Black

Easily find and share queries

Query Contest

One query each month wins \$100 Amazon card



Goal: Make Users...

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Thank You

Carbon Black.