



# **STAC Cloud SIG**

Peter Lankford  
Founder and Director, STAC

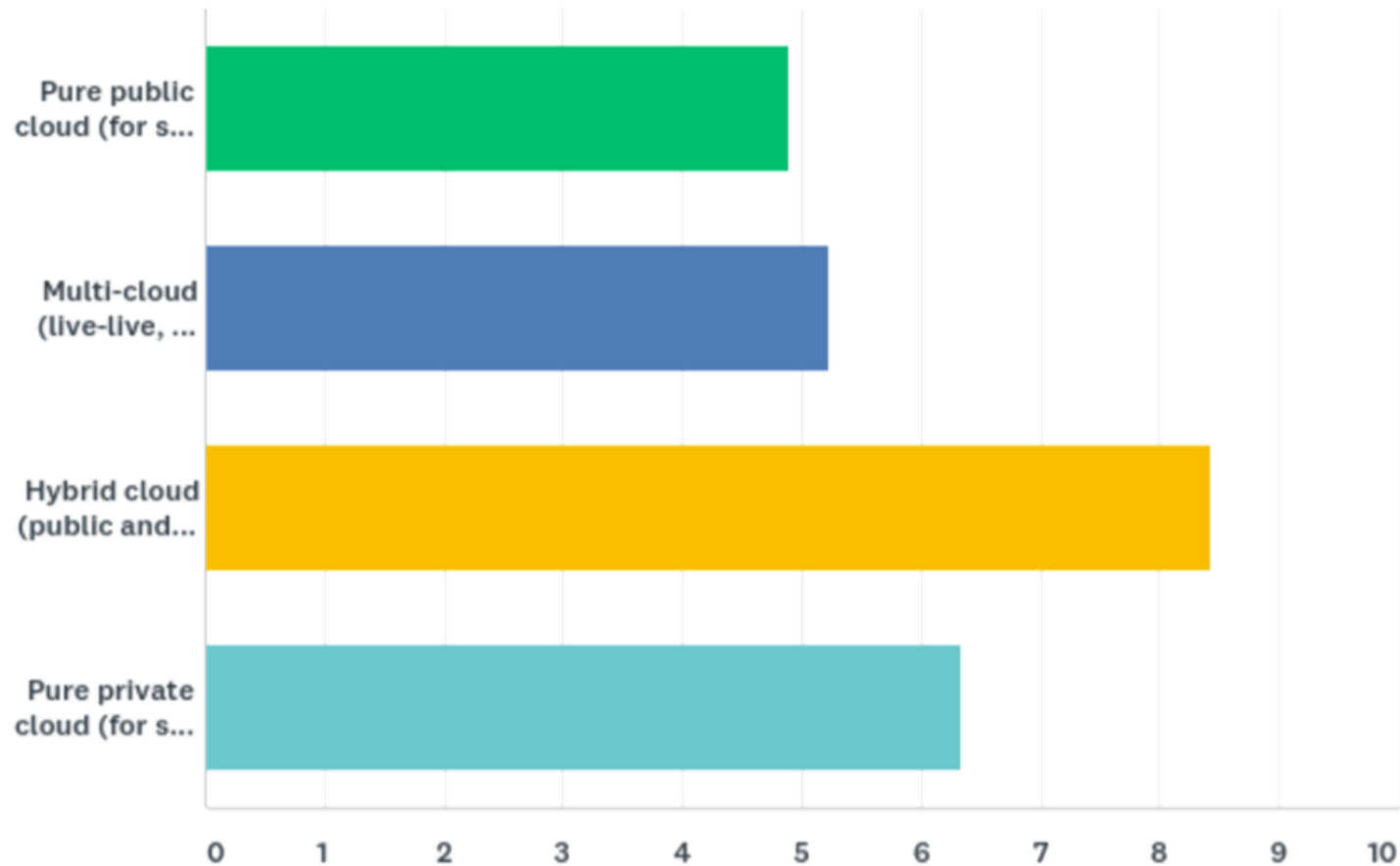
[peter.lankford@STACresearch.com](mailto:peter.lankford@STACresearch.com)

# Background

- Financial firms are increasing their use of public, private, and hybrid clouds
- They face a number of questions and obstacles when making cloud decisions
- STAC Cloud SIG includes several financial firms and vendors
- Purpose is dialog and research on common issues
- Started with a straw poll

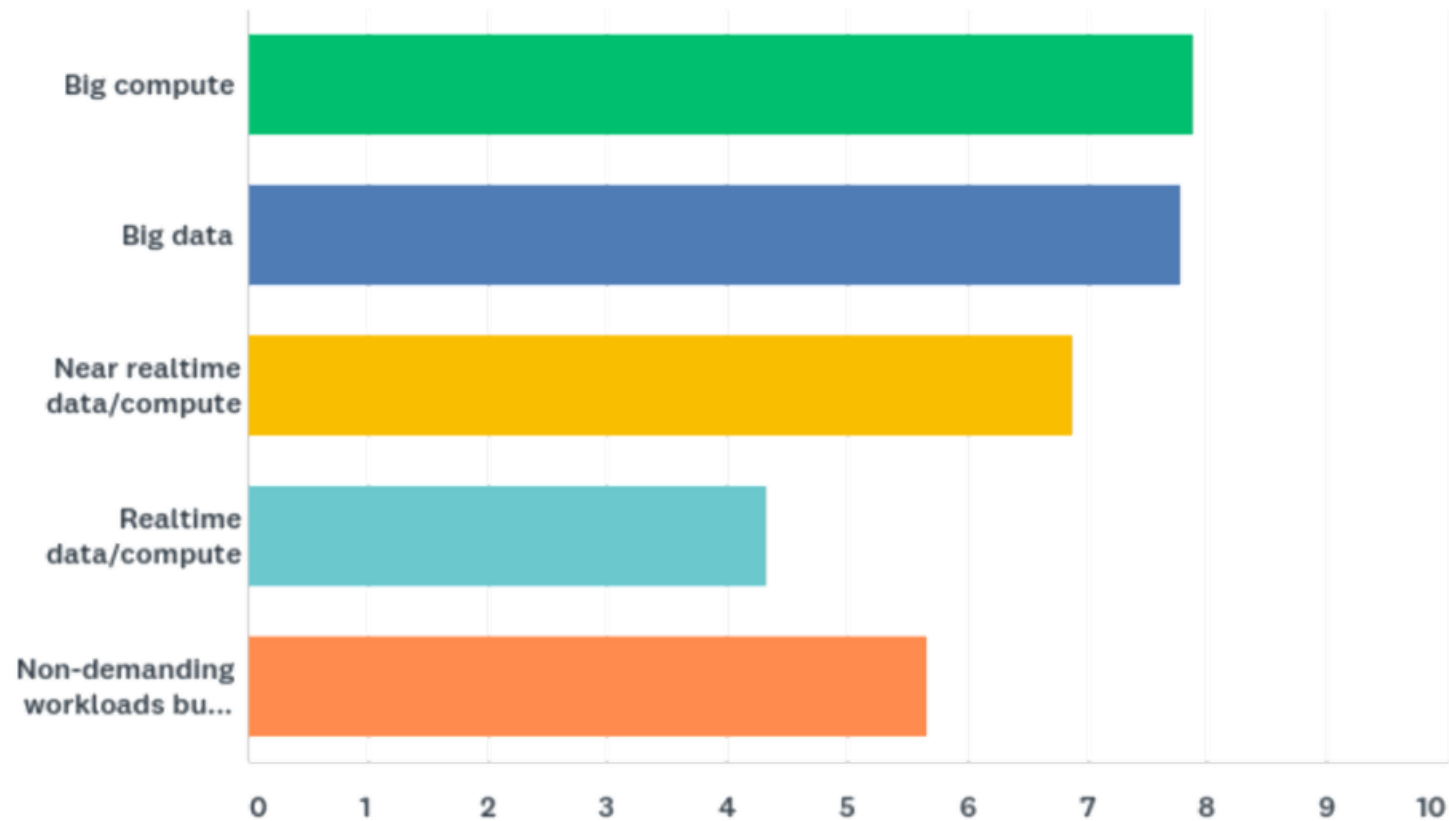
# Hybrid cloud has the most focus

How important are the following as potential parts of your strategy?



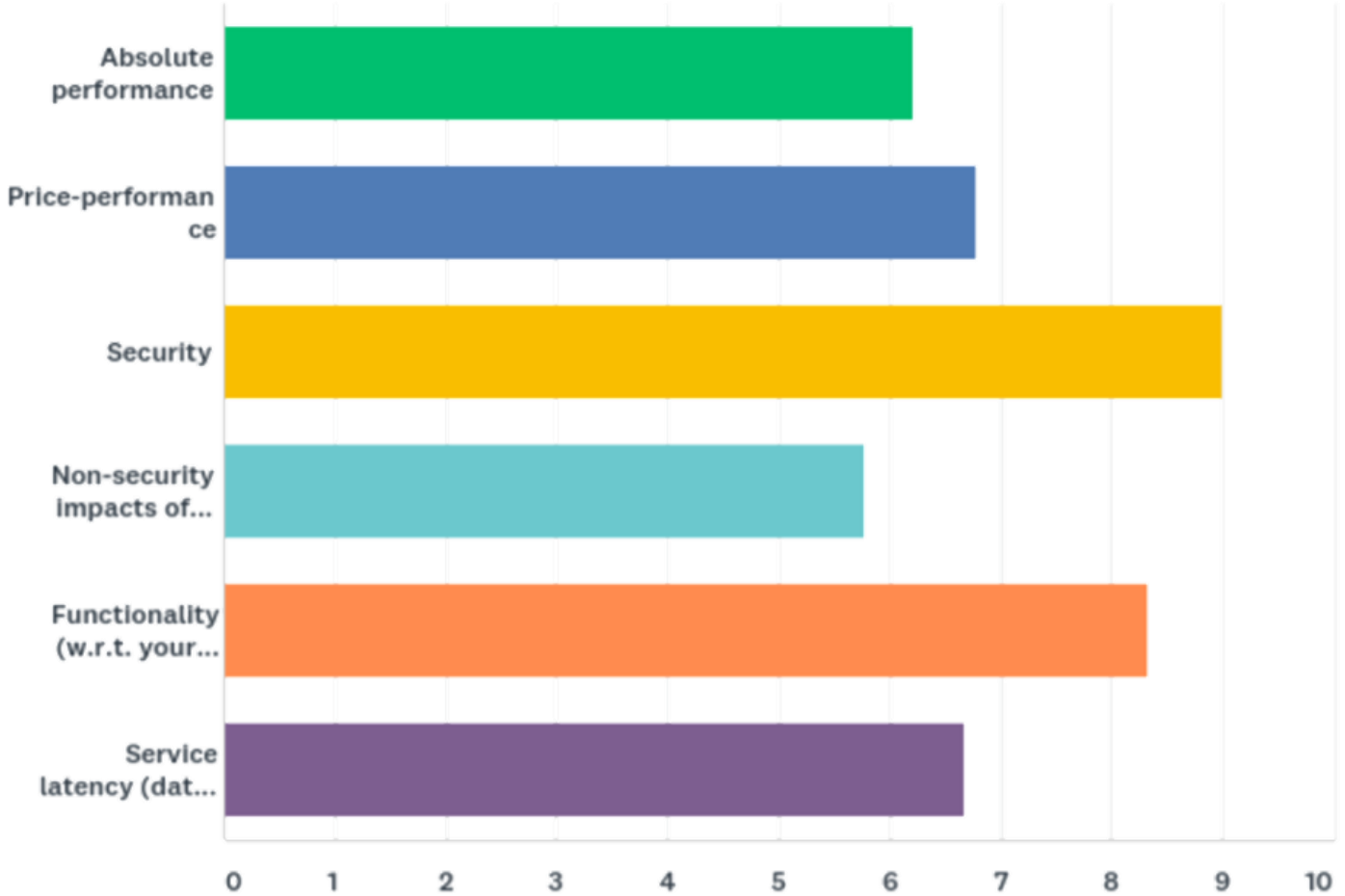
# Big workloads are of most interest (but near realtime is close)

When it comes to public IaaS or private cloud, how important is research into the following workloads?



# Security still has the biggest questions

With respect to your priority areas above, how important are the following issues for new or ongoing research?



# STAC Cloud SIG - objectives

- Standardize methods of assessing cloud solutions
  - **Functionality**
  - **Absolute performance**
  - **Price performance**
- Guide a testing program for public, private, and hybrid cloud solutions.
- Facilitate dialog and recommend best practices re public/private/hybrid cloud.
  - **Not trying to re-invent the wheel (e.g., E3C)**

# Near-term actions

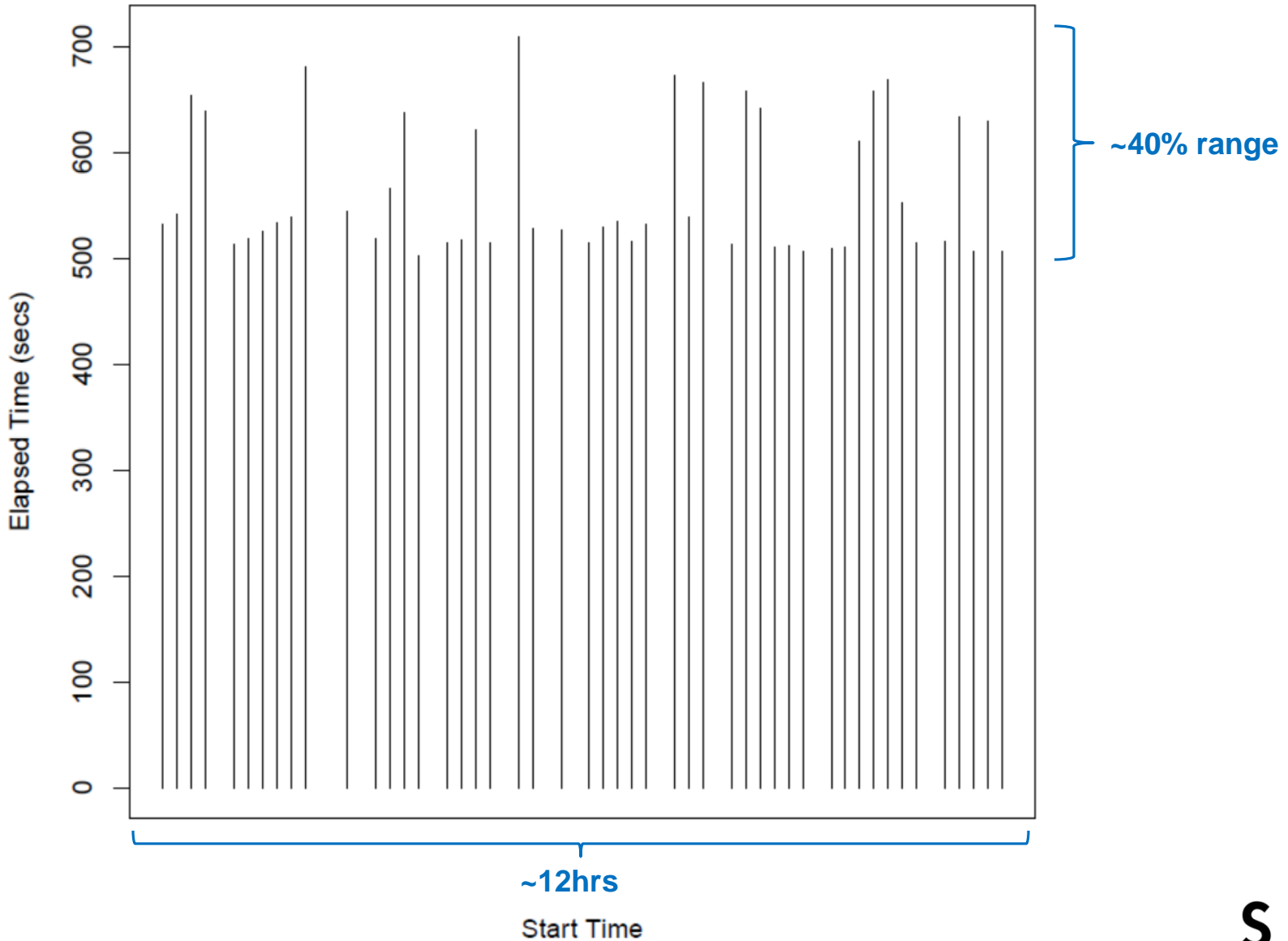
- Dialog on overcoming security obstacles
- Predictability testing

# Predictability testing – a taste

- Initial foray
- STAC-A2 (compute-bound workload)
- Testing across time and space (time of day/ inter-day, regions)
- Looking at job throughput and instance create time



# Example – anonymous CSP, 32-core VM



# If you'd like to get involved

[www.STACresearch.com/cloudsig](http://www.STACresearch.com/cloudsig)