



Cloud Security Posture Management
(It's not a choice but a necessity)





Agenda:

- Speaker Introduction
- Risk Insights from Global Security Reports
- Other Cloud Security (Misconfigure) Challenges
- Best Practices to Solve Misconfiguring Issues
- Q&A

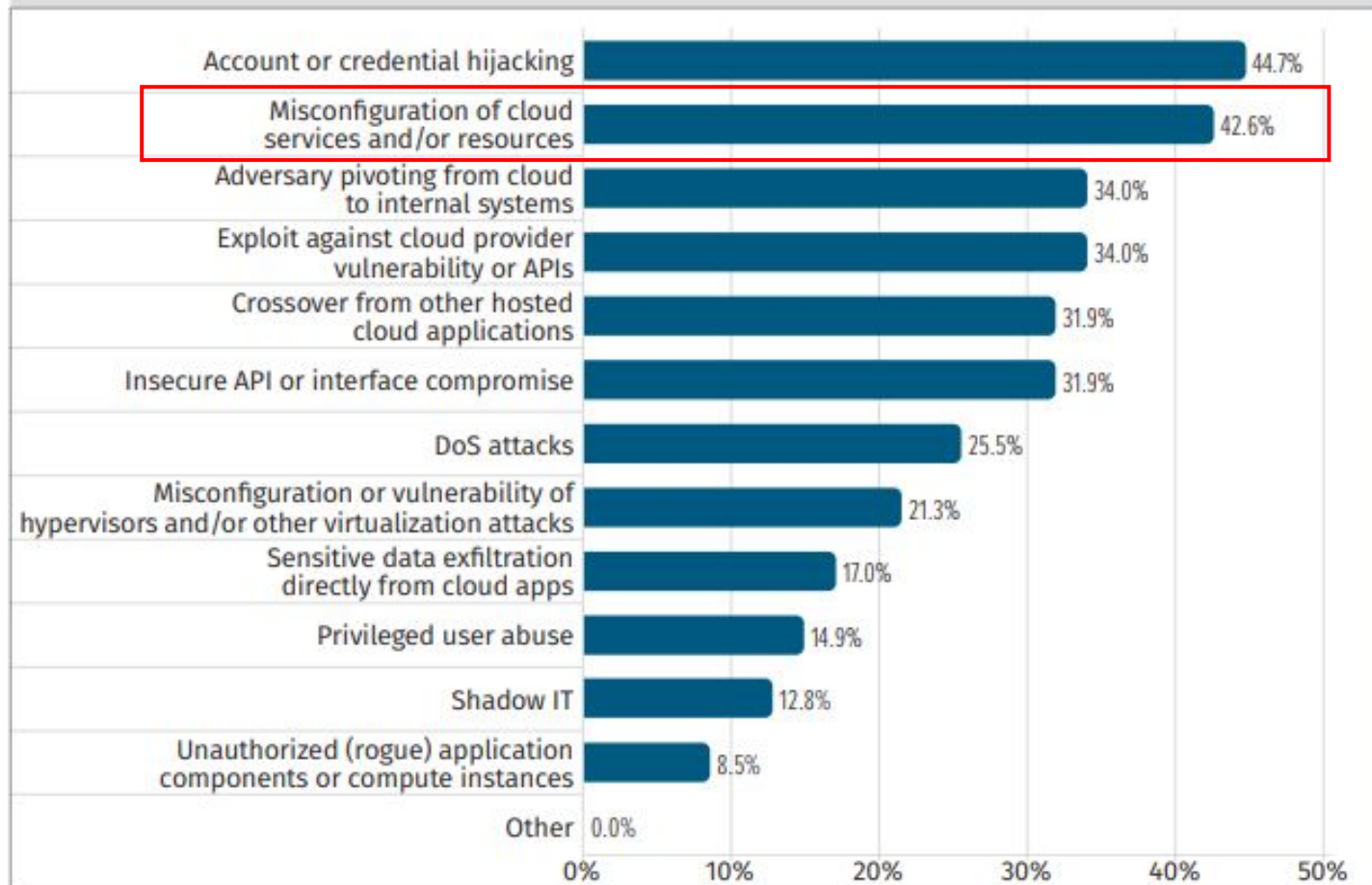


Shyam Thakur

- I have total 15 years of experience and exposure into domains like Engineering, Cyber Security, GRC, Cloud Security etc.
- As part of my Professional career I worked for various industries I.e. IT Services, Fintech, Payments and Cards, Telecom etc.
- Some of the Organization I had associated are Fiserv, Idemia, Daffodil.

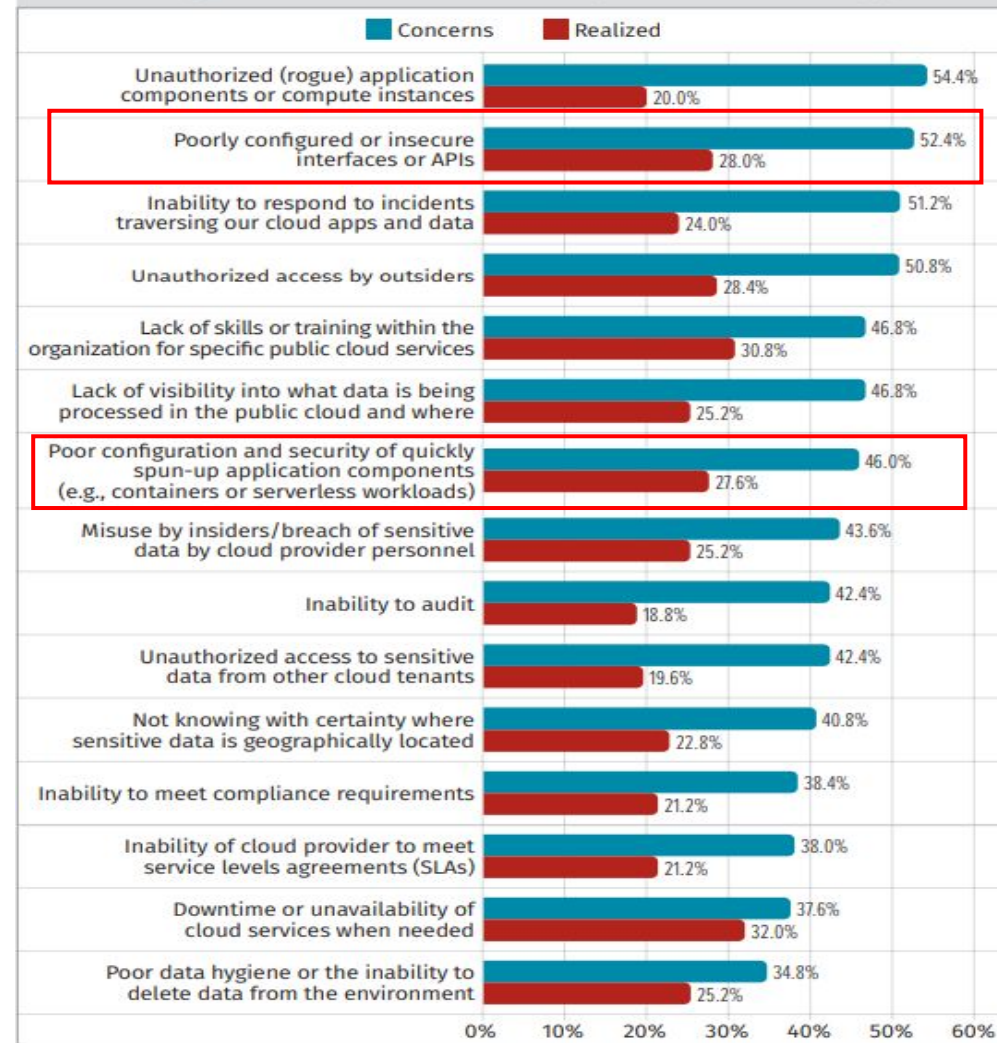
Security Research Insights – Part 1

What was involved in the attack(s)? Select all that apply.



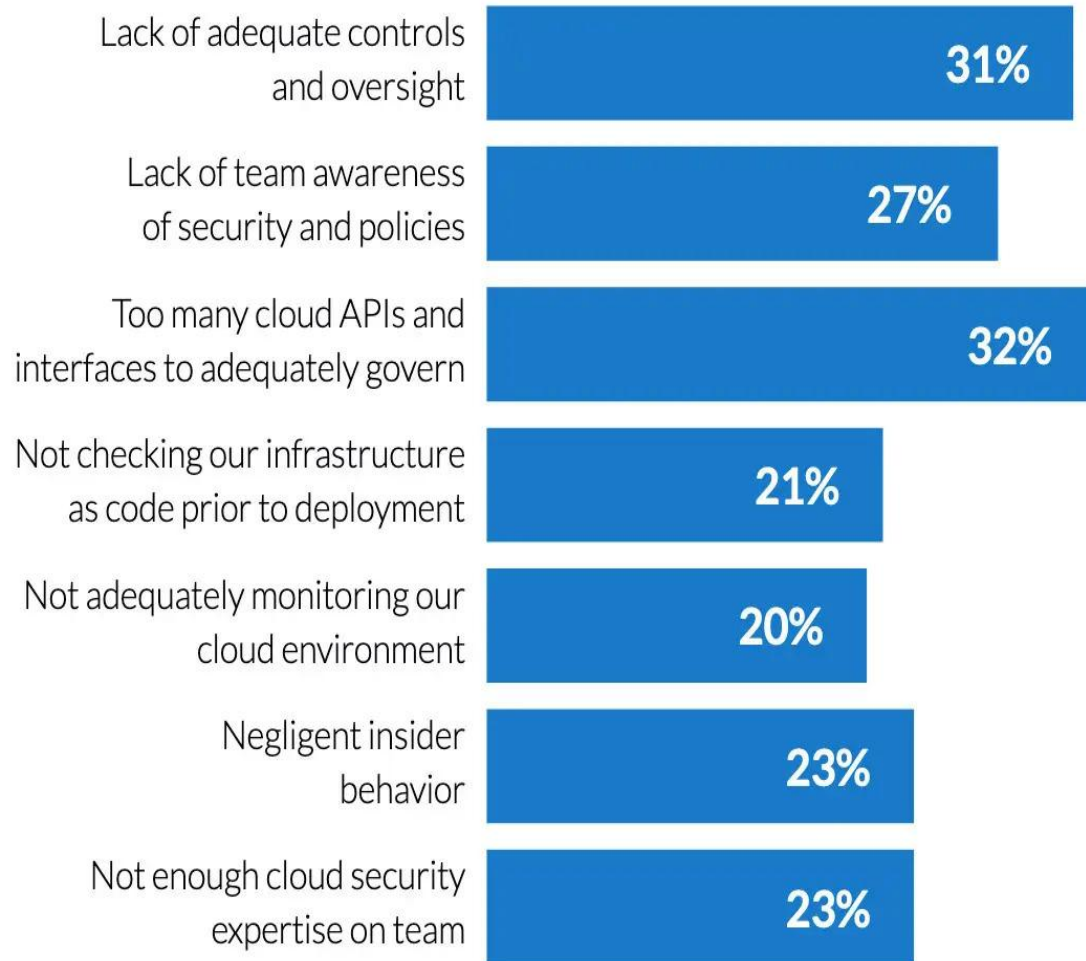
Source- <https://vulcan.io/blog/sans-cloud-security-survey-2022-highlights/> (SANS Security Survey 2022)

What are your organization's major concerns related to the use of public cloud for business apps? What major concerns were realized in the past 12 months? Leave blank only those that do not apply.



Security Research Insights – Part 2

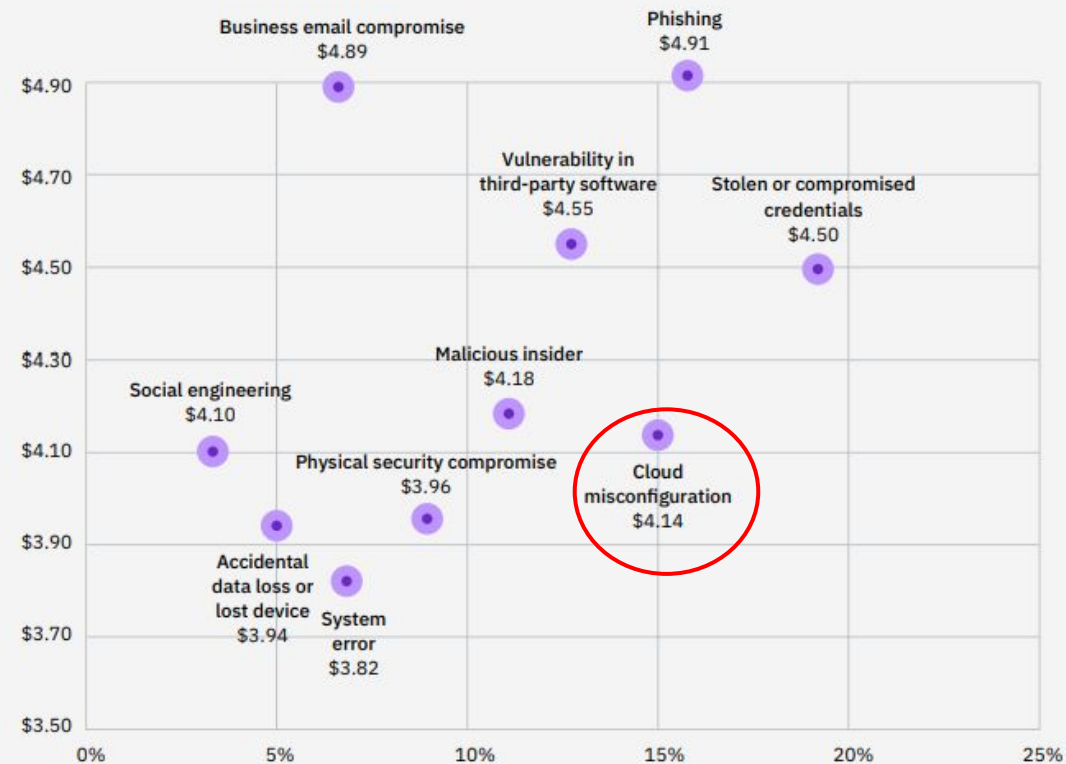
Causes of Misconfiguration



Screenshot

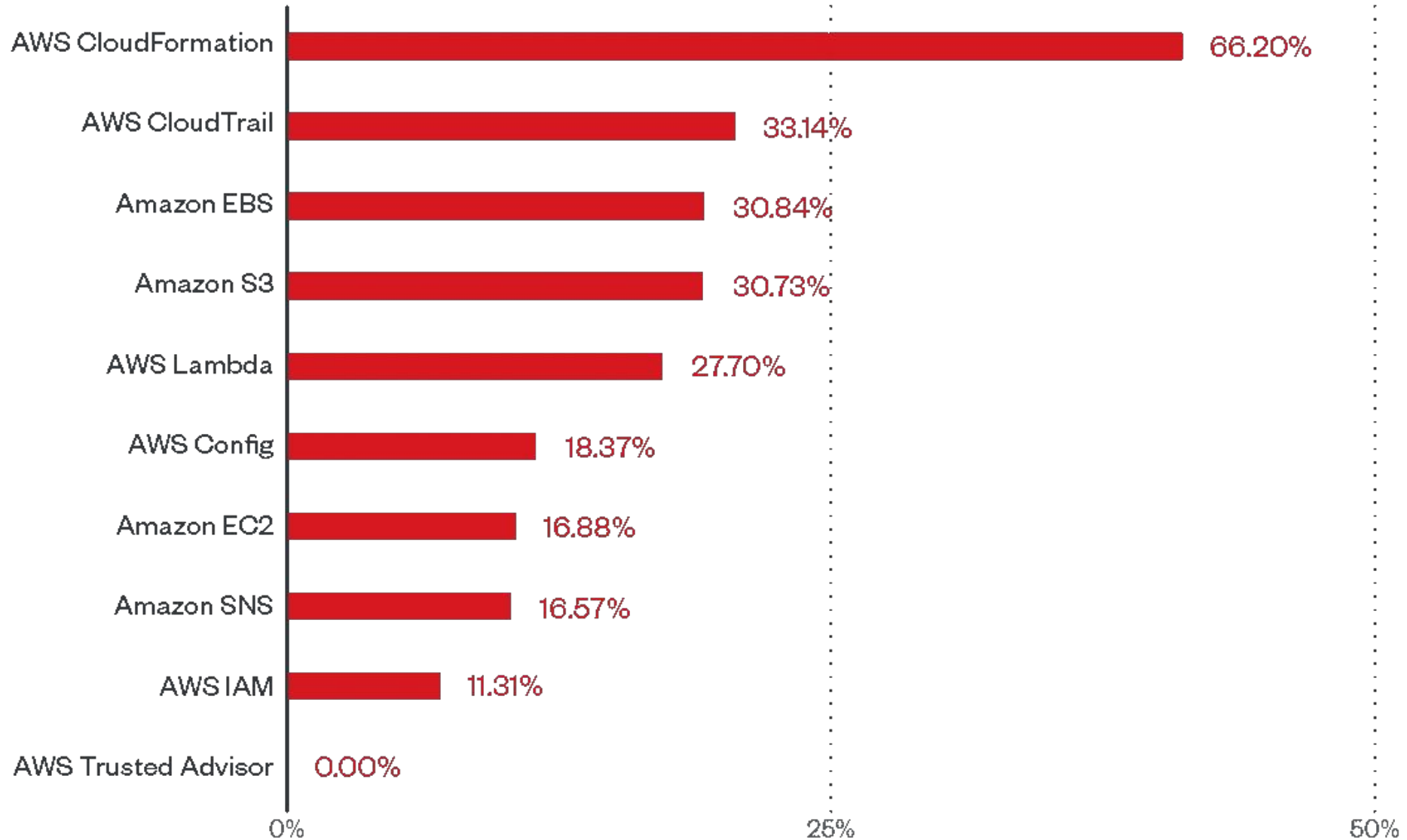
Fugue_State_of_Cloud_Security_2021

Average cost and frequency of data breaches by initial attack vector



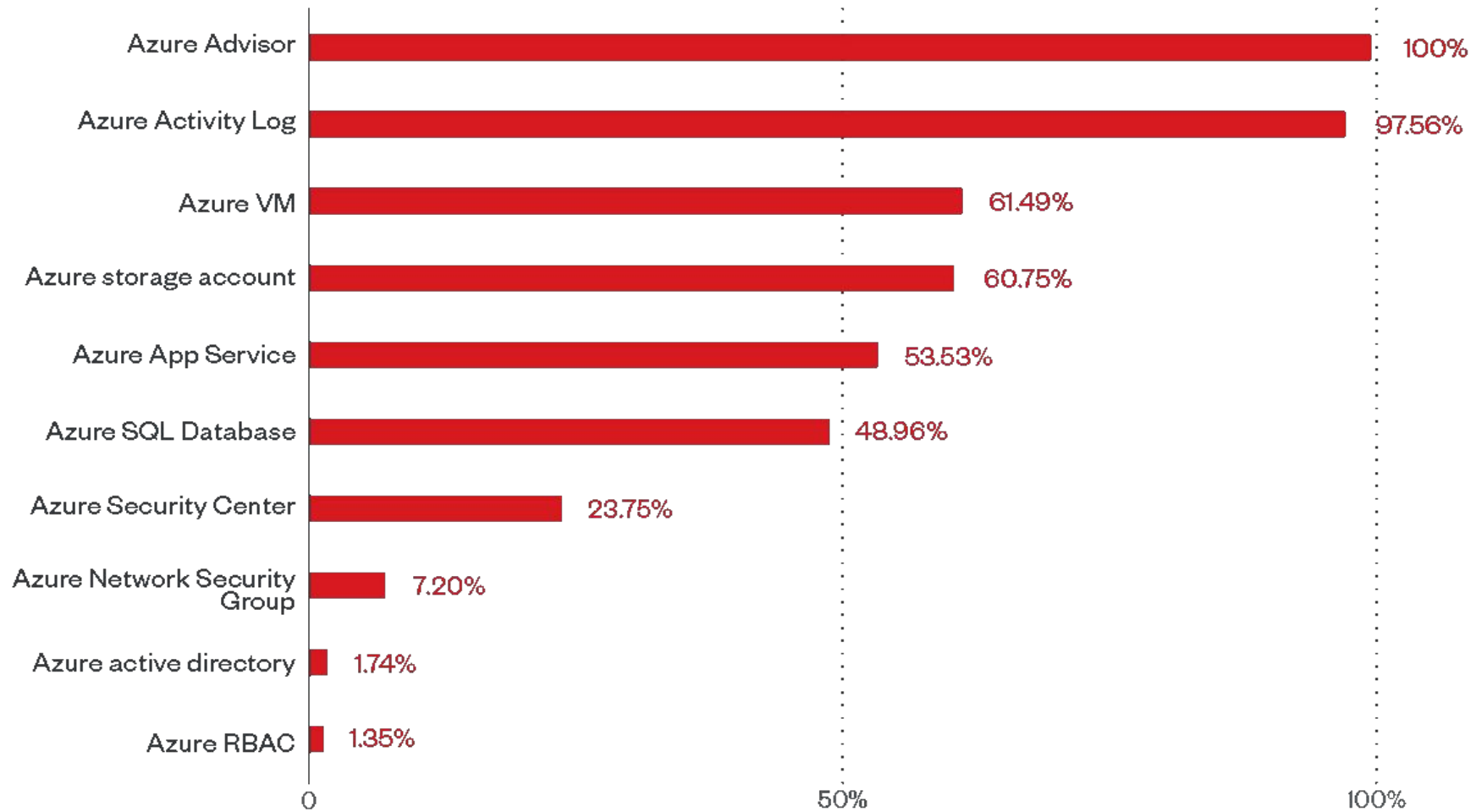
IBM Data Breach Report 2022

AWS TOP MISCONFIGURATION



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AZURE TOP MISCONFIGURATION



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Cloud Security Engineer Has Been Asked To Provide a Solution to Protect From Cyber Attacks

Working as a Cloud Security Professional is Not Stressful At All!



Mark, 34 Years Old

What is the Solution ?

- Develop Robust Policy and Procedures
- Implement a multi-functional CSPM Tool
- Adopt Shift Left Security Approach
- Implement Skill Development and Training programmes
- Develop Mandatory Security Awareness Programmes
- Implement Logging, Monitoring and Incident Response





Q&A

