



AI-Based Security Management delivered via Cloud

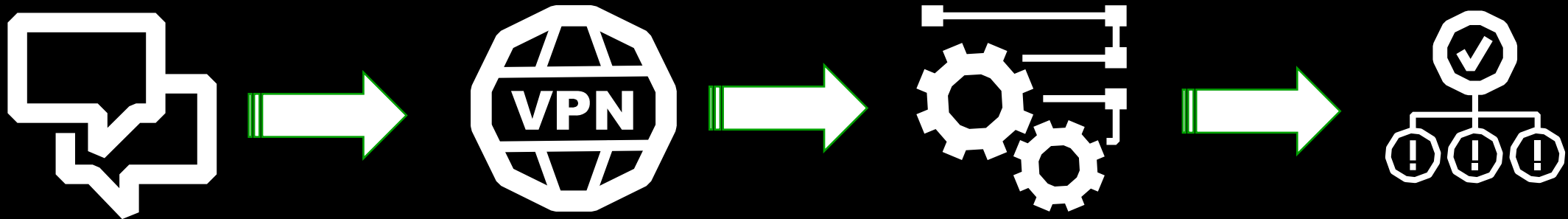
How modern AI and cloud-based analytics tools increase efficiency and uncover modern credential-based attacks.

Felix Blanke | Senior Manager, Sales Engineering, Europe





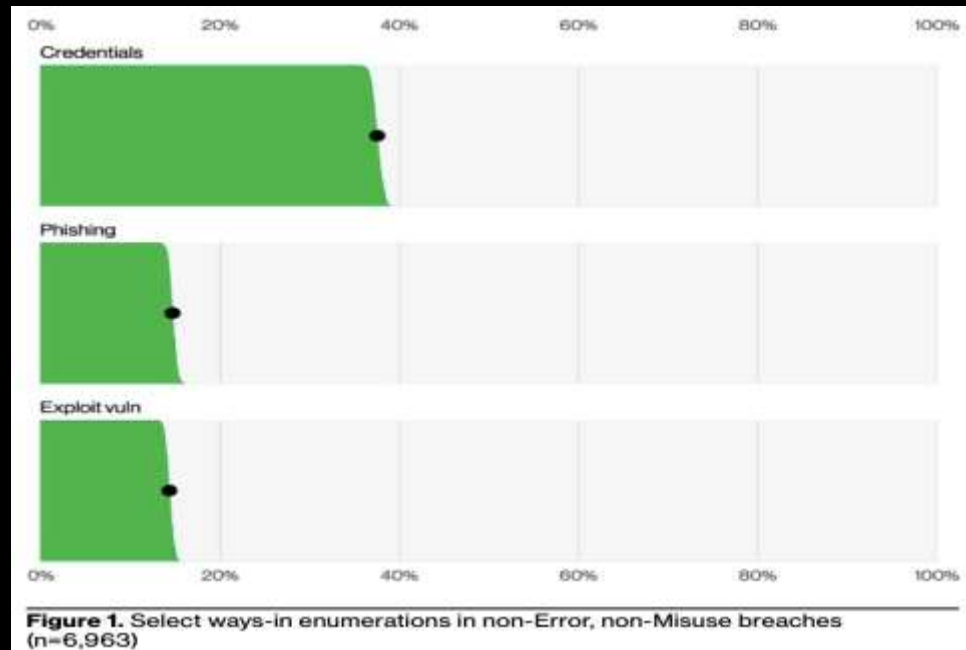
Cyber Attack: Timeline



The answer?



“There are only two types of companies: those that have been hacked and those that don’t know they have been hacked.”



Source: DBIR 2024 by Verizon → <https://www.verizon.com/business/resources/reports/dbir/>

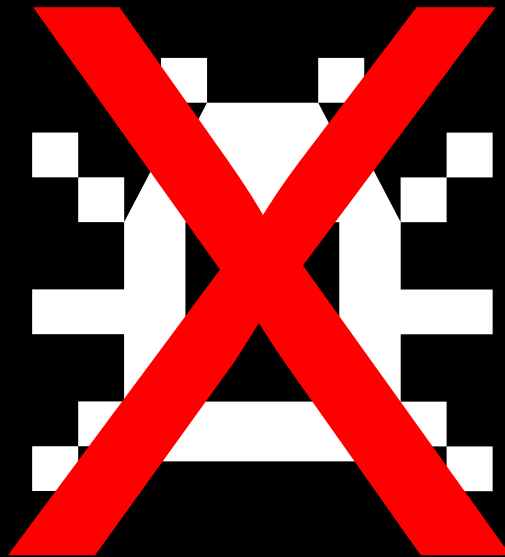
It's all about the creds™

Ralph Pisani

What are companies doing about it today?



How to detect credential based attacks?





vs.



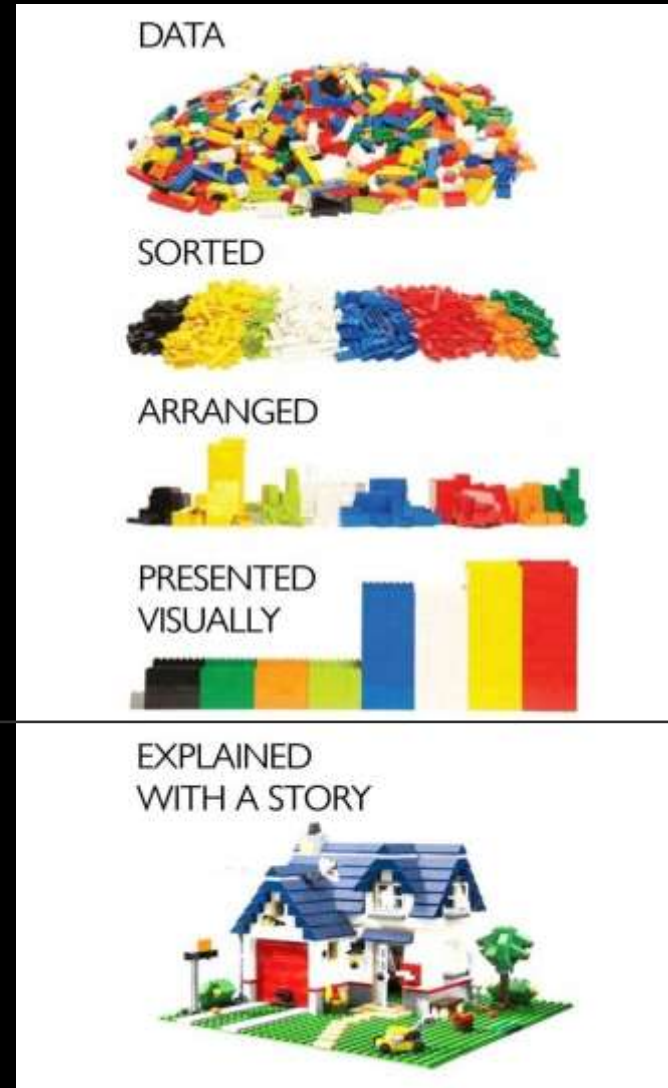
Old Way



Old Way / Challenges

- **Can only detect known patterns**
- **Tons of false positives**
- **Very time intensive to fine tune**
- **Very time intensive to expand**
- **No automation in terms of investigation work**

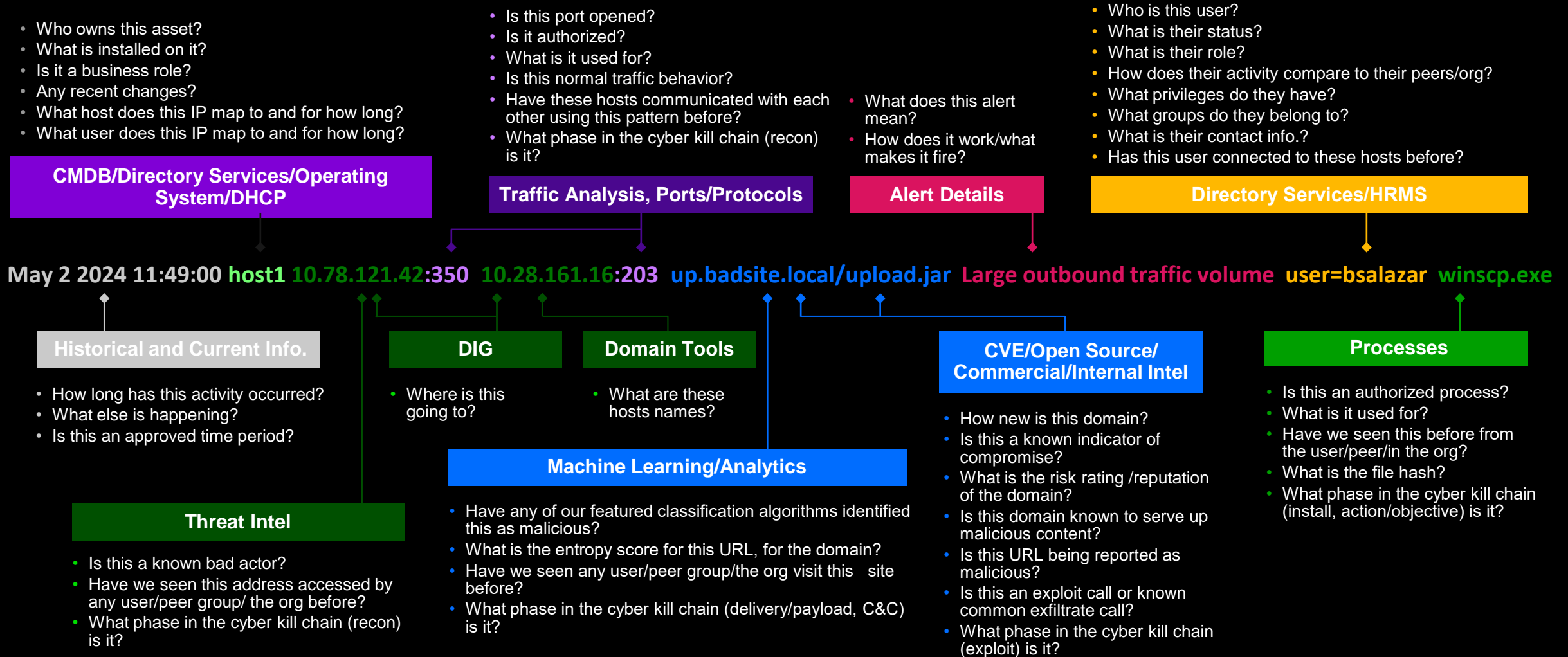
The New Way



Old Way

New Way

What Are the Right Questions?



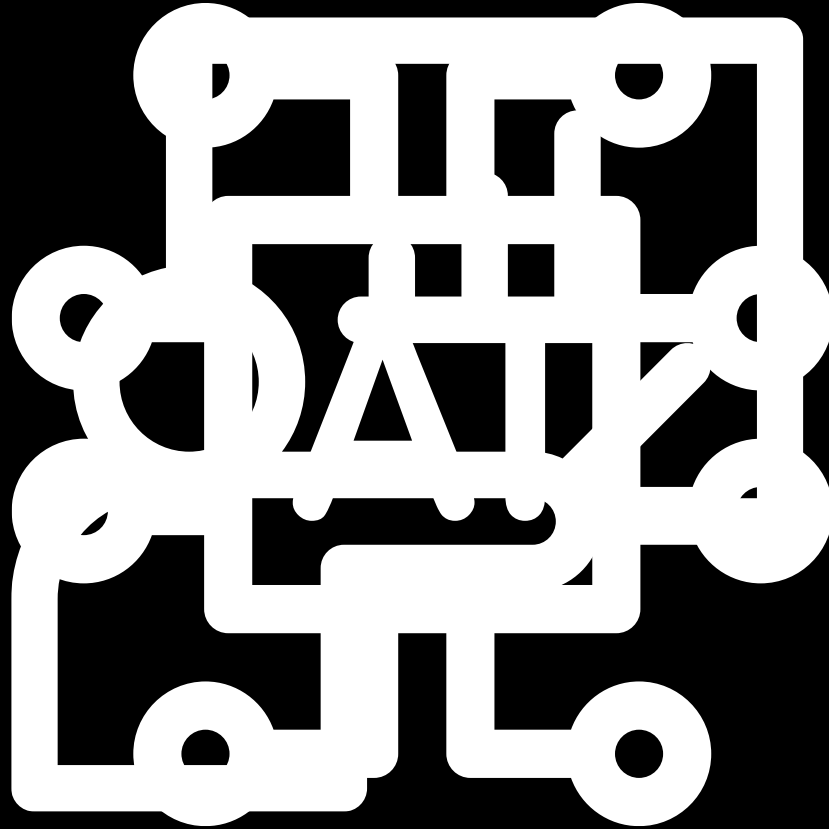
New Way / Advantages

- **Learns behavior of users**
- **Way more accurate given every user has its own baseline**
- **Fine tunes automatically**
- **By definition no false positives**
- **Can detect “unknowns”**
- **Automates big part of the investigation by answering all those questions automatically**

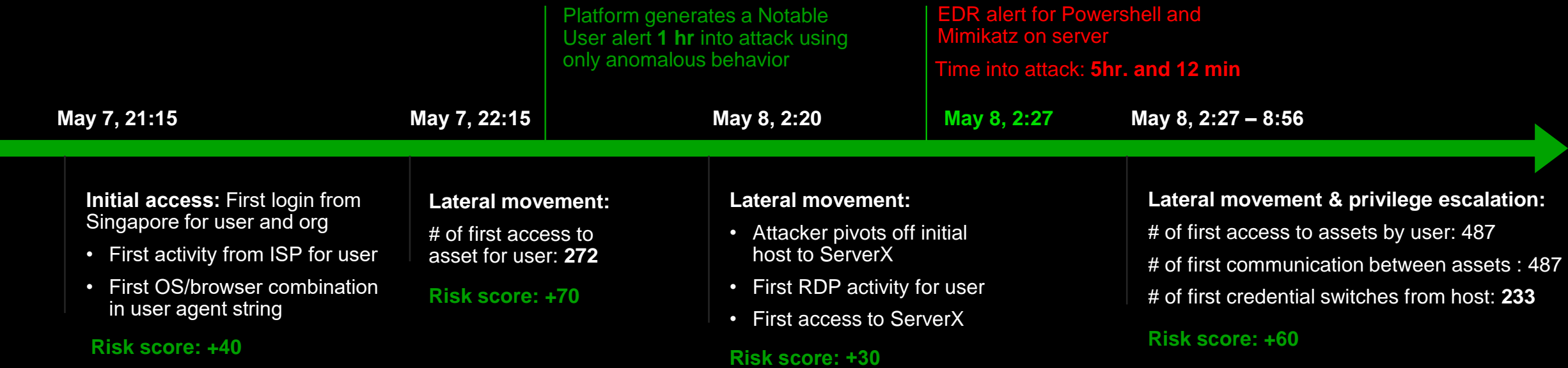
What could those numbers refer to?

12%	Detection
62%	Triage & Investigation
26%	Incident Response

Investigation Automation



Looking at the complete Picture of a *Compromised Insider* Incident



What did we detect:

- Comprehensive and complete picture of the attack
- Details of abnormal user behavior and Lateral Movement
- Compromised Credentials connecting on the VPN from Singapore
- Assets affected: 759
- Number of credentials switched: 234
- notepad.exe running out of an abnormal directory C:\\PerfLogs\\
- Detailed timeline of activities and assets

Outcomes enabled by Us

- Remediation of the entire threat
- Led to resetting all 234 credentials
- Informed the need to preform AV scans of all assets involved
- Helped review all users as assets to identify abnormal activities
- Insights helped decision to clean up ServerX

Thank You

