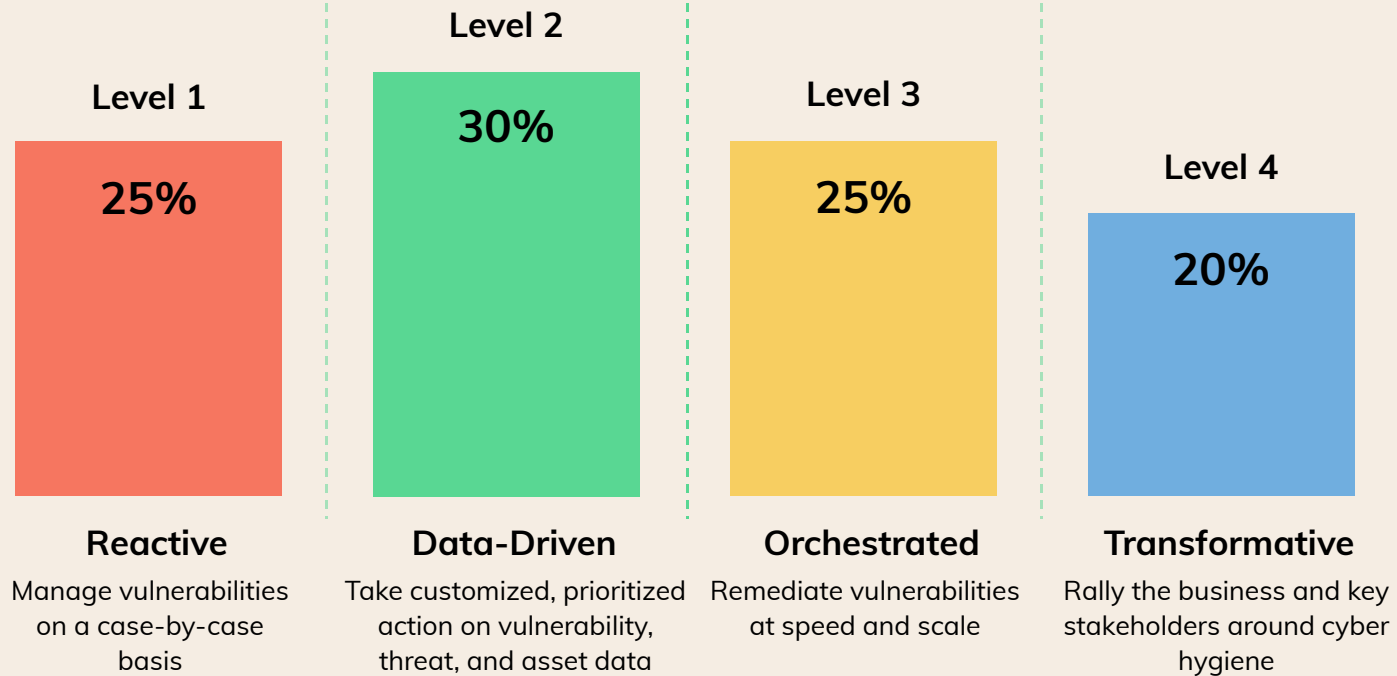# Most Organizations Don't Have a Mature Security Vulnerability Management Program

Following a survey of 100 enterprise security executives, Vulcan Cyber and Pulse have discovered the average maturity of enterprise security vulnerability management programs is level 2.46 out of 4.
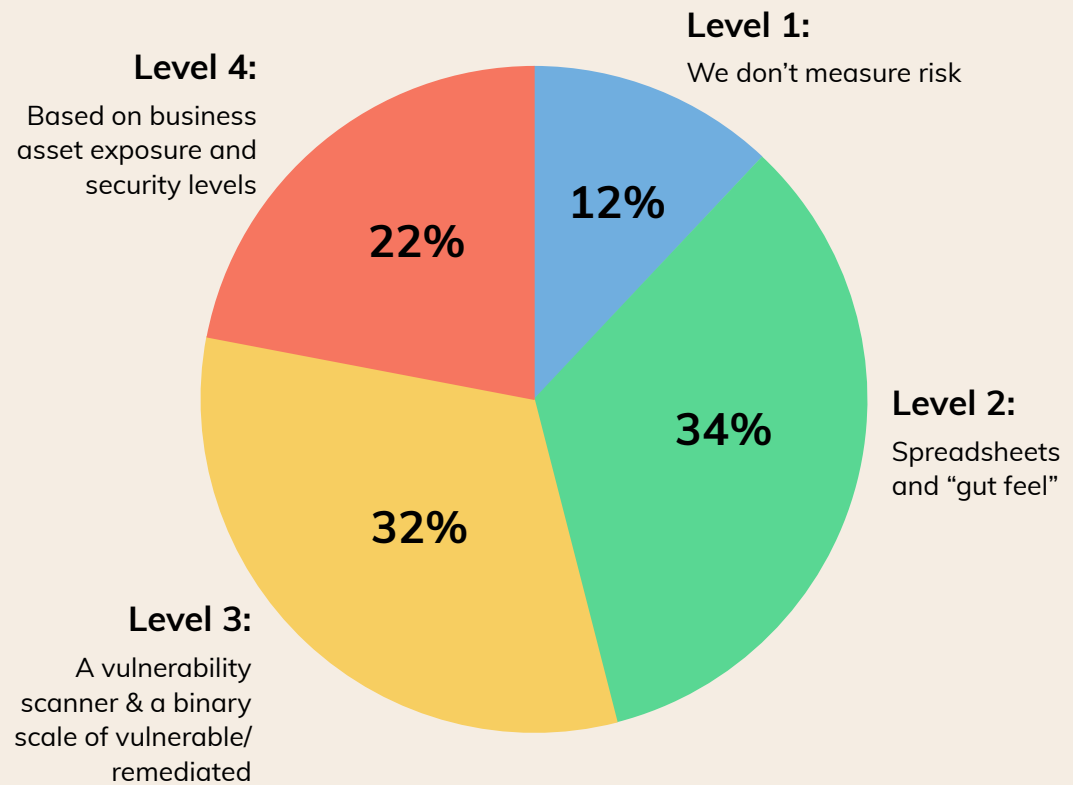
How mature are enterprise security vulnerability management practices?

AVERAGE = 2.46

Level 2

Level 1

30%

Level 3

25%

25%

Level 4

20%

Reactive

Manage vulnerabilities on a case-by-case basis

Data-Driven

Take customized, prioritized action on vulnerability, threat, and asset data

Orchestrated

Remediate vulnerabilities at speed and scale

Transformative

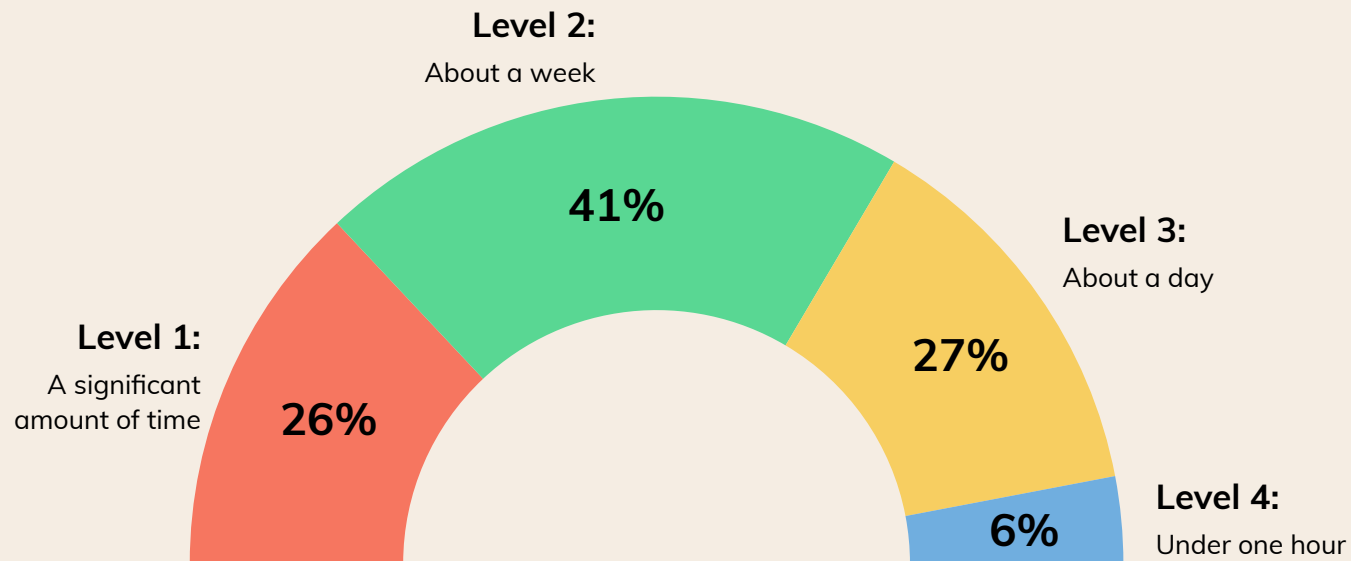Rally the business and key stakeholders around cyber hygiene

In addition, **more than one-third (34%) use "gut feel" to measure risk stemming from unsolved vulnerabilities, while 12% don't measure risk whatsoever.**

How does your company measure risk to the business stemming from unsolved vulnerabilities?

Level 4:
Based on business asset exposure and security levels

Level 1:
We don't measure risk

22%

12%

34%

32%

Level 2:
Spreadsheets and "gut feel"

Level 3:
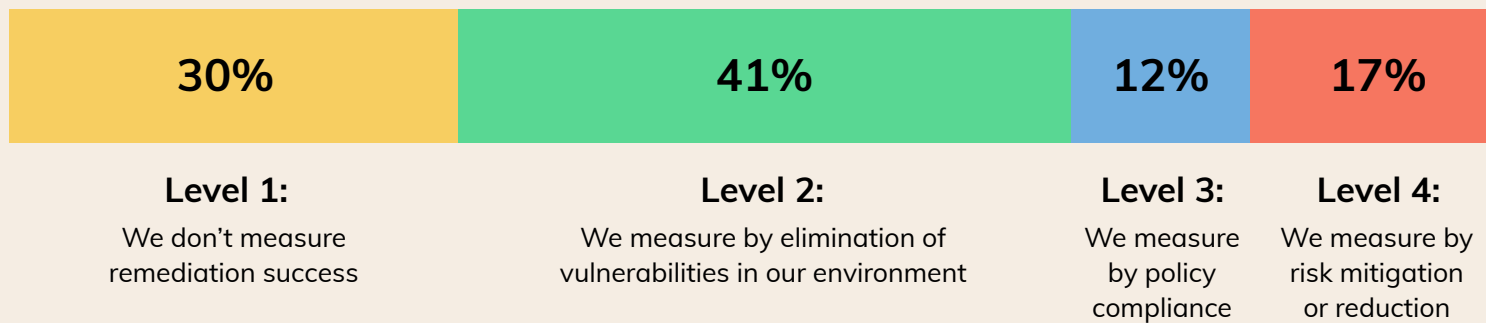A vulnerability scanner & a binary scale of vulnerable/remediated

One major barrier preventing security leaders from advancing the maturity of their vulnerability management programs is the speed with which they can remediate.
67% of executives admit it takes their team more than a day to solve a vulnerability.

How long does it take for your organization to find the appropriate solution, remedy, or fix for a vulnerability?

Level 2:
About a week

41%

Level 3:
About a day

27%

Level 1:
A significant
amount of time

26%

6%

Level 4:
Under one hour

Once a resolution is implemented, the vast majority of organizations either don't measure vulnerability remediation success (30%), or base remediation success on vulnerability elimination (41%). **Only 17% of organizations measure remediation success at a level-4 caliber.**

How does your team measure vulnerability remediation success?

30%	41%	12%	17%

Level 1:
We don't measure remediation success

Level 2:
We measure by elimination of vulnerabilities in our environment

Level 3:
We measure by policy compliance

Level 4:
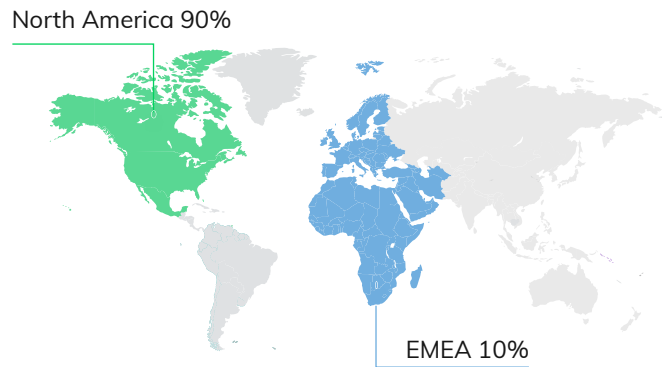We measure by risk mitigation or reduction

Vulcan Cyber provides several resources to help you and your teams "get fix done."

- Learn how to move to a more advanced stage of vulnerability remediation maturity with <u>The Vulnerability Remediation Maturity Model eBook</u>.

- <u>Get access to Vulcan Free</u>, the industry's only free vulnerability prioritization tool.

- Start using <u>Vulcan Remedy Cloud</u> today to find the best remedies and fixes for your prioritized vulnerabilities.
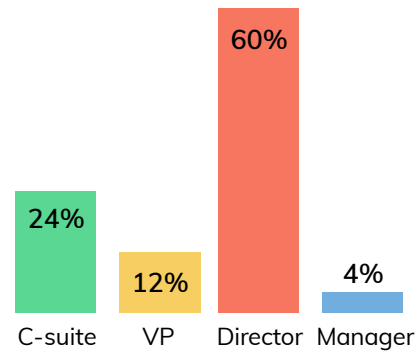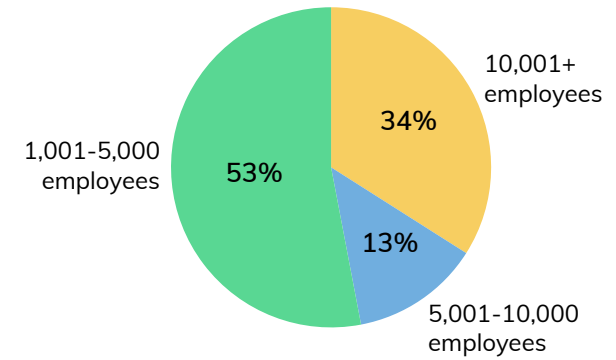
Respondent breakdown

Location

North America 90%

EMEA 10%

Titles

- C-suite 24%
- VP 12%
- Director 60%
- Manager 4%

Company Size

- 1,001-5,000 employees 53%
- 5,001-10,000 employees 13%
- 10,001+ employees 34%

Data collected from Nov. 16 - Dec. 22, 2020