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 1: Reactive
Manage vulnerabilities on a case-by-case basis - 25%

Level 2: Data-Driven
Take customized, prioritized action on vulnerability, threat, and asset data - 30%

Level 3: Orchestrated
Remediate vulnerabilities at speed and scale - 25%

Level 4: Transformative
Rally the business and key stakeholders around cyber hygiene - 20%
How does your company measure risk to the business stemming from unsolved vulnerabilities?

Level 1: We don't measure risk
Level 2: Spreadsheets and “gut feel”
Level 3: A vulnerability scanner & a binary scale of vulnerable/remediated
Level 4: Based on business asset exposure and security levels

In addition, more than one-third (34%) use “gut feel” to measure risk stemming from unsolved vulnerabilities, while 12% don’t measure risk whatsoever.
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 1:** A significant amount of time (26%)
- **Level 2:** About a week (41%)
- **Level 3:** About a day (27%)
- **Level 4:** Under one hour (6%)
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%**: Level 1: We don’t measure remediation success
- **41%**: Level 2: We measure by elimination of vulnerabilities in our environment
- **12%**: Level 3: We measure by policy compliance
- **17%**: 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 The Vulnerability Remediation Maturity Model eBook.

- Get access to Vulcan Free, the industry’s only free vulnerability prioritization tool.

- Start using Vulcan Remedy Cloud 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: 40%
- Manager: 4%

**Company Size**
- 10,001+ employees: 34%
- 1,001-5,000 employees: 53%
- 5001-10,000 employees: 13%

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