Cyber Risk Index

The Cyber Risk Index (CRI) measures the difference between the Cyber Preparedness Index and the Cyber Threat Index. In other words, the divide between an organization's current security posture and their likelihood of being attacked.

Key Survey Questions

1. Are my organization's enabling security technologies sufficient to protect data assets and applications? (Lower number means less prepared on 0-10 point scale)
2. How many separate cyberattacks that infiltrated your company and IT infrastructure? (Lower number means less prepared on 0-10 point scale)
3. Likelihood of one or more data breaches in the next 12 months:
   - North America: 86%
   - Latin/South America: 33%
   - Europe: 77%
   - Asia-Pacific: 4.56%

Top 5 Negative Consequences of a Data Breach

1. Customer turnover
2. Loss of reputation
3. Disruption or damages to critical infrastructure
4. Loss of intellectual property (including trade secrets)
5. Financial loss

Top 4 Data Types at Highest Risk of Loss or Theft

1. Business communication
2. Financial information
3. Company-confidential information
4. Consumer information

Top 5 Data Breach Attack Methods

1. Phishing and social engineering
2. Ransomware
3. Botnets
4. Malicious insiders
5. Watering hole attacks

Likelihood of a successful cyberattack

Across the four regions, respondents appear to be concerned they will be breached in the next 12 months. 9 of 10 in North America, and 8 of 10 in Latin/South America and Asia-Pacific.

Top Factors in the 1H'2021

1. Shortage of qualified personnel
2. Cloud computing infrastructure and complexity
3. Negligent insiders
4. Malicious insiders
5. Watering hole attacks

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Takeaway

- The index is based on a numerical scale (0-10), with higher numbers indicating higher risk.
- The CRI measures the difference between the Cyber Preparedness Index and the Cyber Threat Index, providing insights into an organization's current security posture and likelihood of being attacked.
- Top risk factors in the 1H'2021 include shortages of qualified personnel, cloud computing infrastructure and complexity, and negligent insiders.
- Top data types at highest risk of loss or theft are business communication, financial information, company-confidential information, and consumer information.
- Likelihood of a successful cyberattack: 9 out of 10 in North America, and 8 out of 10 in Latin/South America and Asia-Pacific.

The Ponemon Institute conducted research among IT managers across Europe, Asia-Pacific, Latin/South America, and North America to understand the current global cyber risk landscape and the challenges organizations face.

This infograph provides a visual representation of the key findings and insights from the research, highlighting the top risk factors, data types at highest risk, and the likelihood of successful cyberattacks across different regions.

Cyber Risk Index

- Europe: -0.22
- North America: -1.27
- Asia-Pacific: -0.42
- Latin/South America: Critical Infrastructure