Key findings from the 2020 Data Breach Investigations Report

*Knowledge is power.*

Top insights from the 2020 DBIR

- **Web application breaches are increasing.**
  - 43% of breaches involved web app attacks, twice as much as last year.

- **Ransomware is on the rise.**
  - 27% of malware incidents are ransomware, and the threat continues to get bigger.

- **Breaches from errors continue to be an issue.**
  - 17% of breaches were caused by errors, a doubling from last year.

- **Personal data is still a prime target.**
  - 58% of breaches involved personal data, almost double from a year ago.

- **3 kinds of attacks account for most breaches.**
  - 67% of breaches come from three attack types: credential theft, errors, and social attacks.

- **Vulnerability exploits continue to decrease.**
  - Comprehensive patching and vulnerability audits have delivered steady declines in vulnerability exploits. The caveat? Unless these efforts are sustained, the gains will likely be lost.

- **The "defender advantage" promises targeted protection.**
  - Cybersecurity tools are now identifying specific attack pathways, revealing intended targets and making it possible to focus more precise strategies on stopping or limiting attacks.

This year’s report is the most comprehensive ever.

- **81 contributing organizations** — the highest number yet
- **32,002 security incidents reviewed**
- **3,950 confirmed breaches analyzed**
- **16 different industry sectors broken down**
- **4 global regions examined**

Stay informed and threat ready.