

# Malware

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## Lecture 11

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- Symantec Internet Security Threat Report
- AT&T Cybersecurity Insights Report
- Cisco Annual Security Report
- Dell Security Annual Threat Report
- Google Android Security Annual Report
- IBM X-Force Cyber Security Intelligence Index Report
- McAfee Labs Threat Predictions Report
- Verizon Data Breach Investigation Report
- .....

- A new zero-day vulnerability was discovered on average each week (total 54)
  - ❖ Doubled from 2014
- Over half a billion personal records were stolen or lost
  - ❖ Companies choosing not to report the number of records lost increased by 85 percent
- Major security vulnerabilities in 75% of popular websites
  - ❖ 15% of legitimate websites have critical vulnerabilities
- Spear-phishing targeting employees increased 55%
  - ❖ 43% of all attacks targeted at small businesses
- Ransomware increased 35%
  - ❖ moved beyond PCs to smart phones, Mac, and Linux systems
- Symantec blocked 100 million fake tech support scams
  - ❖ first reported in 2010

- Big numbers
  - ❖ Pages 8 and 9 of report



