The Americas has the lowest median dwell time due to overall higher level of security maturity driven in part by breach disclosure laws and the changing nature of attacks, with attacks such as ransomware and destructive wiper attacks meant to be detected quickly.

**AMERICAS DWELL TIME**

- **EXTERNAL**
  - 35
- **INTERNAL**
  - 99
- **MEDIAN**
  - 104

**HOW BREACHES ARE DETECTED**

- **47%** EXTERNAL NOTIFICATION OF BREACH
- **53%** INTERNAL DISCOVERY OF BREACH

**AMERICAS**

**TOTAL INDUSTRIES INVESTIGATED**

- **10%** BUSINESS AND PROFESSIONAL SERVICES
- **3%** EDUCATION
- **3%** ENTRPRENEURIAL AND INNOVATION
- **15%** GOVERNMENT
- **12%** HEALTHCARE
- **15%** FINANCIAL
- **5%** MANUFACTURING
- **5%** MEDIA AND ENTERTAINMENT
- **2%** TELECOMMUNICATIONS
- **2%** BIOTECHNOLOGY AND PHARMACEUTICALS
- **1%** OTHER
- **10%** RETAIL AND HOTEL

**GLOBAL ATTACK TRENDS**

1. **UNDERSTAND WHAT’S CRITICAL**
2. **NETWORK AND ENDPOINT VISIBILITY**
3. **NETWORK SEGMENTATION**
4. **ACCESS MANAGEMENT**

**ADAPTING THE FUNDAMENTALS OF DEFENSE**

- **12%** HIGH TECH
- **8%** TRANSPORTATION AND LOGISTICS
- **5%** CONSTRUCTION AND ENGINEERING
- **2%** RETAIL AND HOTEL
- **2%** MEDICAL AND ENTERTAINMENT
- **2%** GOVERNMENT
- **2%** NONPROFIT
- **2%** BUSINESS AND PROFESSIONAL SERVICES

**HOW BREACHES ARE DETECTED**

- **47%** INTERNAL DISCOVERY OF BREACH
- **53%** EXTERNAL NOTIFICATION OF BREACH

**INTERACTIVE DETECTION VS. EXTERNAL NOTIFICATION**

- **2012**
  - **47%** INTERNAL DISCOVERY
  - **53%** EXTERNAL NOTIFICATION
- **2013**
  - **53%** INTERNAL DISCOVERY
  - **47%** EXTERNAL NOTIFICATION
- **2014**
  - **69%** INTERNAL DISCOVERY
  - **31%** EXTERNAL NOTIFICATION
- **2015**
  - **67%** INTERNAL DISCOVERY
  - **33%** EXTERNAL NOTIFICATION
- **2016**
  - **63%** INTERNAL DISCOVERY
  - **37%** EXTERNAL NOTIFICATION
- **2017**
  - **94%** INTERNAL DISCOVERY
  - **6%** EXTERNAL NOTIFICATION

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