

2022 State of Detection & Response

Blumira's platform detects and helps organizations respond to indicators of attacks in progress - we analyzed 33,911 total findings from a sample of 230 organizations in 2021. Here's what we found:

Time to Security: Impact on Bottom Line

Breaches that take longer than 200 days to resolve can result in **35% higher cost**, from \$3.6 million to \$4.9 million on average (IBM/Ponemon's 2021 Cost of a Data Breach report).

287 days

Average breach lifecycle to detect & respond



Time to Detect

212 days

Average time to detect a breach



99.4% faster

32 min

Blumira's average time to detect a finding

*"With our old provider, it was a **big time sink** trying to filter through false-positives & close out events.*

*[With Blumira], **we're able to respond to important activities sooner**, since we're not wading through unimportant things."*

Time to Respond

75 days

Average time to respond to a threat



99.4% faster

6 hours

Average time to respond (customer closed a finding)

- Bryan Allen
Sr. Systems Analyst

Lawrence
Technological
University

(Source: 2021 Cost of a Data Breach)

(Source: Blumira's 2021 dataset)

Top Overall Findings

1. **Honeypot HTTP Authentication Attempt**
2. **Okta Log Failure**
3. **Service Execution With Lateral Movement Tools**
4. **Admin-Level Account Added**
5. **50 GB+ Inbound Connection via Generic Network Protocol**

Top Microsoft Findings

1. **Creation of Office 365 Security Group**
2. **10 Windows Password Resets in 1 Hour**
3. **PS-Exec Use on Network**
4. **Modification of Microsoft 365 Group**
5. **Clearing of Windows Event Logs**

Our Summary of Trends

Identity-Based Attacks

Cloud environments are particularly vulnerable to identity-based attacks and unauthorized access attempts, including the use of phishing, password spraying and more.

Living off the Land

This refers to attackers using legitimate, built-in tools to evade detection by typical security products, such as Microsoft's PsExec & PowerShell.

Targeting Microsoft 365

Our findings revealed patterns of Microsoft-related activity, including activity associated with password spraying, lateral movement, and business email compromise.

The Blumira Value

Meet compliance controls, save time on security tasks, focus on real threats and protect against a breach faster than ever -- with Blumira.

✓ Automate tasks for you

We do all the heavy lifting for your team to save them time, including parsing, creating native third-party integrations, and testing and tuning detection rules to reduce noisy alerts.

✓ Faster time to security

Our unique approach to detections notifies you of threats other security tools may miss, sending you real-time alerts in under a minute of initial detection to help you respond to threats faster than ever.

✓ Easily meet compliance

With a year of data retention and deployment that takes minutes to hours, we help you meet cyber insurance and compliance easily and quickly with the team you have today.

Download the full report:
blumira.com/2022-report

Detect & respond to Microsoft 365 threats with Blumira's free edition.

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