# STATE OF APPLICATION SECURITY IN INDIA

INDUSFACE BRINGS TO YOU A FIRST OF ITS KIND REPORT ON THE STATE OF APPLICATION SECURITY IN INDIA. THIS REPORT IS AN ANALYSIS OF THE VULNERABILITIES DATA COLLECTED BY INDUSFACE'S FLAGSHIP WEB APPLICATION SECURITY SOLUTION INDUSGUARD.
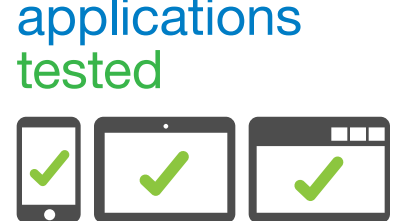
10 years
of app sec experience
2004 2005 2006 2007 2008
2009 2010 2011 2012 2013

600+
customers
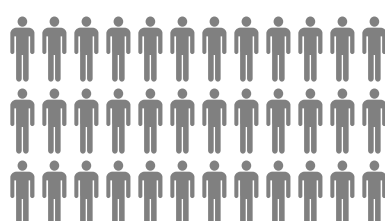
8,600
unique applications tested

3.2 billion
ethical hacks done

2 million
scans performed

12,500
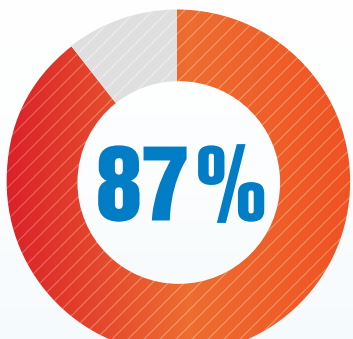vulnerability instances identified

Vulnerability Type by Severity

CRITICAL
- **92.37%** - SQL Injection
- **4.56%** - Invalid TLS/SSL Certificate
- **2.75%** - HTTP Basic Authentication Enabled
- **0.32%** - Others

HIGH
- **74.48%** - Cross Site Scripting Vulnerability
- **24.42%** - Source code disclosure vulnerability
- **0.35%** - HTML Injection
- **0.75%** - Others

MEDIUM
- **54.66%** - Application error message
- **13.54%** - Browsable web directory
- **13.13%** - Unencrypted view state in ASP.NET 2.0 could leak sensitive information
- **18.67%** - Others

2013 India Top 10 Vulnerability Type

- **43%** Application Error Message
- **11%** Browsable Web Directory
- **10%** Cross Site Scripting
- **10%** Potential Information Leakage
- **7%** SQL Injection
- **6%** Debug feature enabled
- **4%** Possible Sensitive Directories/Files Exposed
- **3%** Source Code Disclosure
- **3%** OS Command Injection
- **1%** Possible Backup File(s)
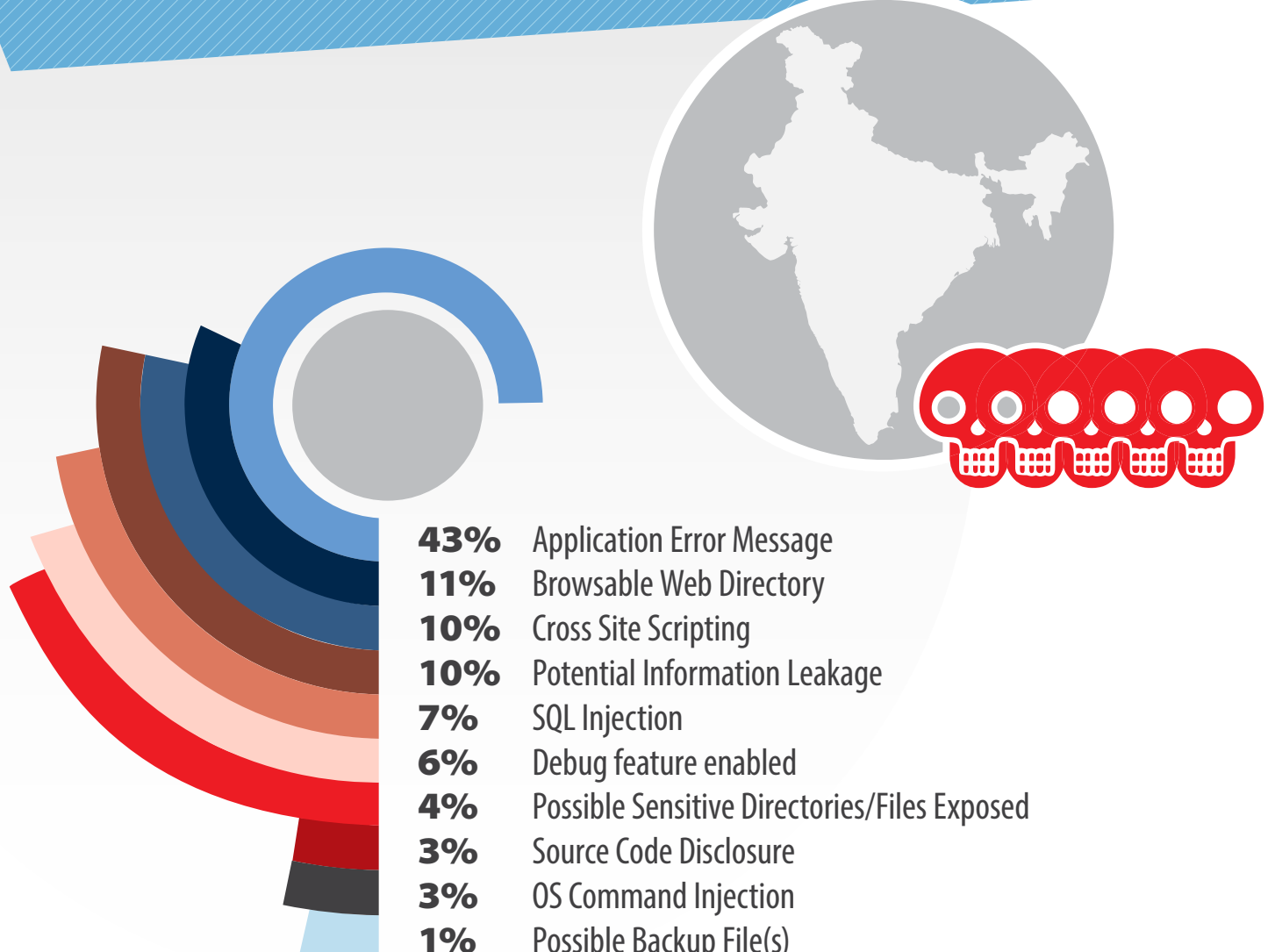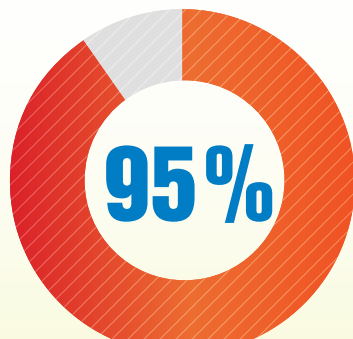
CRITICAL

CLOSED

87%
of critical vulnerabilities took more than **7 DAYS** to be patched

48 DAYS
almost **1 in 3** critical vulnerabilities took more than **30 DAYS** to be patched
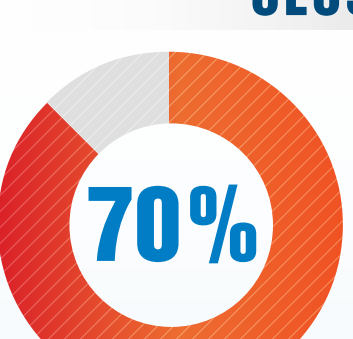
OPEN

95%
of critical vulnerabilities remained unpatched for more than **7 DAYS**

175 DAYS
almost **8 in 10** critical vulnerabilities remained unpatched for more than **30 DAYS**
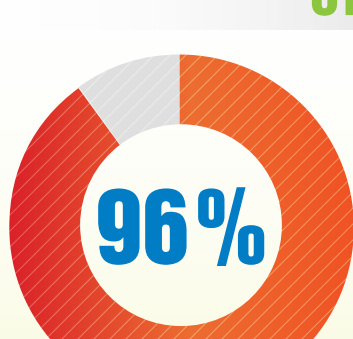
HIGH

CLOSED

70%
of high vulnerabilities took more than **7 DAYS** to be patched

63 DAYS
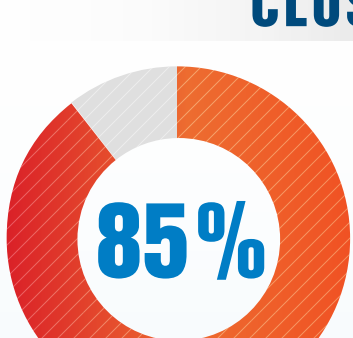almost **1 in 2** high vulnerabilities took more than **30 DAYS** to be patched

OPEN

96%
of high vulnerabilities remained unpatched for more than **7 DAYS**

115 DAYS
almost **9 in 10** high vulnerabilities remained unpatched for more than **30 DAYS**
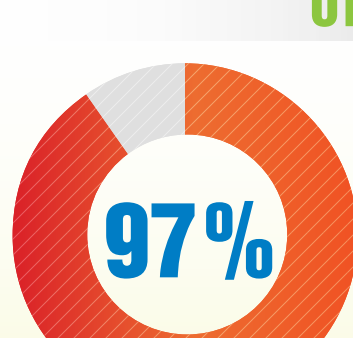
MEDIUM

CLOSED

85%
of medium vulnerabilities took more than **7 DAYS** to be patched

91 DAYS
almost **3 in 5** medium vulnerabilities took more than **30 DAYS** to be patched

OPEN

97%
of medium vulnerabilities remained unpatched for more than **7 DAYS**

172 DAYS
almost **8 in 10** medium vulnerabilities remained unpatched for more than **30 DAYS**

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