Cross Enterprise Benchmark Metrics

Features to Facilitate

Participation

Two Enabling Features

- Anonymization
  - De-Identification: The process of removing direct personally identifiable information from any information submitted by users
  - Information needed to de-anonymize data is kept privately by the data's owner
- You Get What You Give (YGWYG)
  - Data owners can determine how much information they wish to reveal about themselves or their company
  - Data submitters can see reports equal to or less than the granularity of the data they provide

Benchmark Data Submission

- Survey questions are used to obtain metric values

- User "Opt-in" forms are used to obtain "dimensions" for submitted values

Example: Opt-in Form

Industry:

Segment:

IT Budget:

Employees

Public?

Example: Survey Form

What is the percentage of total employees that is dedicated to IT security?

Please enter a decimal number between 0 and 100. Note that 13.2 means 13.2%.

What is the percentage of internet accessible devices that are scanned at least once per month?

Please enter a decimal number between 0 and 100. Note that 13.2 means 13.2%.

What is the average time in hours to close discovered open vulnerabilities?

Please enter a decimal number that is greater than or equal to 0. Note that 40 means 40 hours.

What is the percentage of applications that are reviewed for security vulnerabilities prior to deployment into production?

Please enter a decimal number between 0 and 100. Note that 13.2 means 13.2%.

How many different operating systems are supported within your IT infrastructure?

Please enter an integer that is greater than or equal to 1.

submit

Derived Results

- Current
  - Statistical Distribution: min, max, mean, standard deviation
  - Histograms and Percentiles
  - YouAreHere™ Display
- Trend
  - Rates of change for groups and individuals
  - Current metrics on current rates
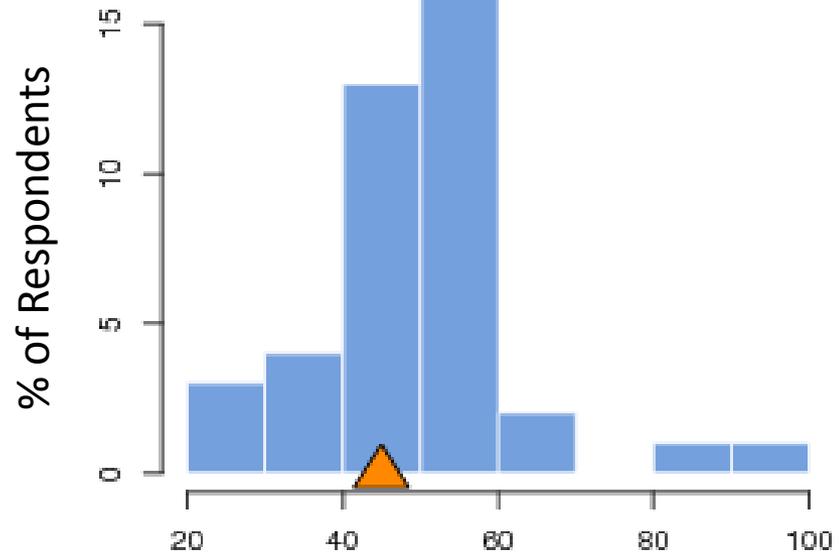 - YouAreHere™ Trend Displays

Example Graphics

Vulnerability Remediation Performance

% of Respondents
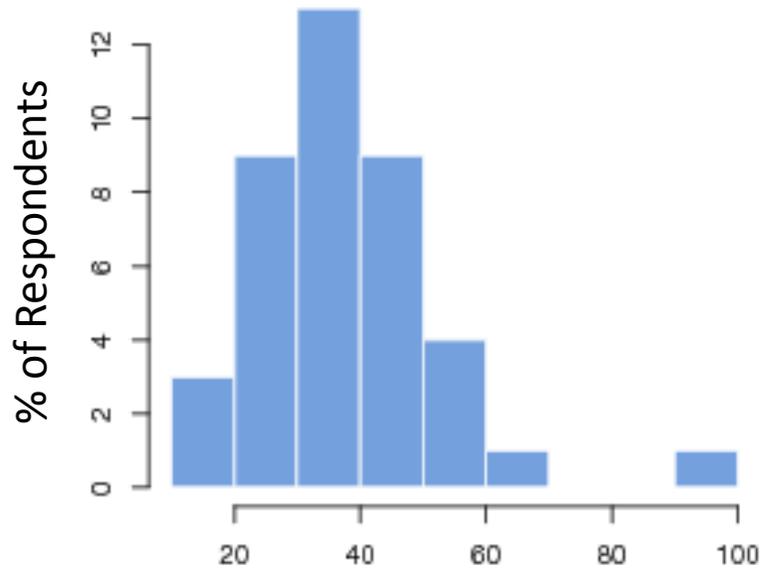
MTTR Security Incident

Application Review Coverage

% of Respondents

% Deployed Applications

Questions

- Other features to encourage participation
  - Security and privacy related
  - Value of data provided
- Feedback in general

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