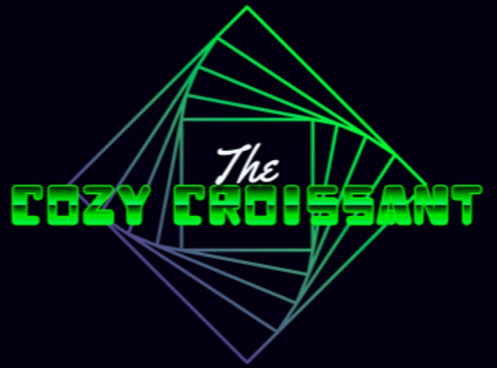
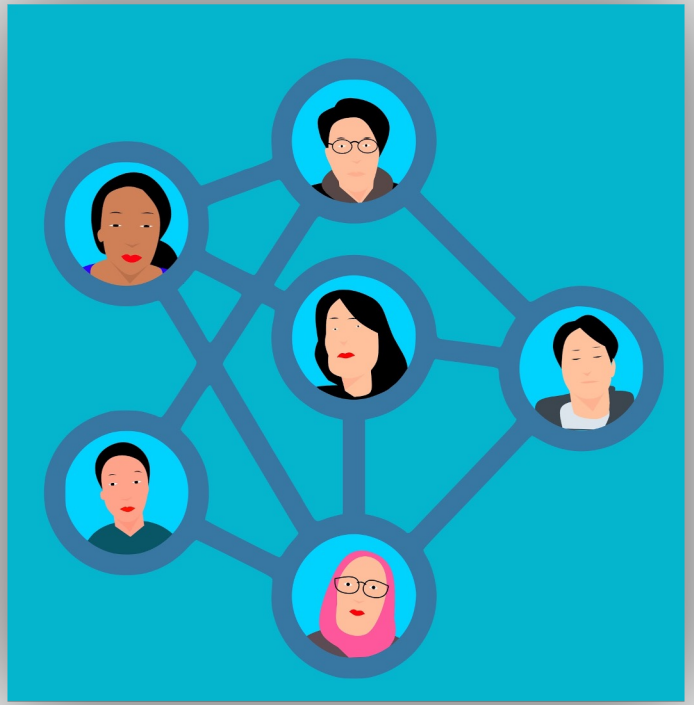
The Cozy Croissant (TCC)

Security Assessment Briefing

Finals Team-XX



Team Introduction



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Agenda:

1. Testing Methodology
2. Scoring Methodology
3. Findings Summary
4. Business Impact
5. Remediations
6. Strengths
7. Conclusion

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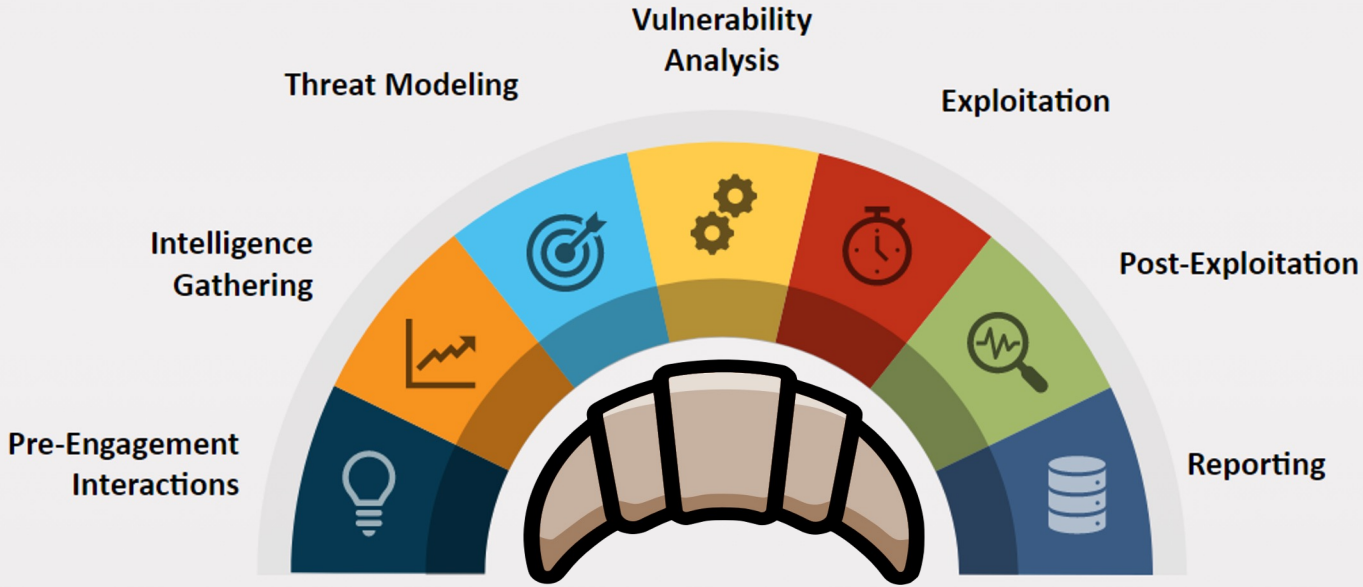
PTES Testing Methodology:



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Scoring Methodology:

	Business Impact				
Severity	Insignificant (a)	Low (b)	Moderate (c)	High (d)	Critical (e)
9.0 - 10.0 **(5)**	5a	5b	5c	5d	5e
7.0 - 8.9 **(4)**	4a	4b	4c	4d	4e
4.0 - 6.9 **(3)**	3a	3b	3c	3d	3e
0.1 - 3.9 **(2)**	2a	2b	2c	2d	2e
N/A - 0.0 **(1)**	1a	1b	1c	1d	1e

Overall Risk Key: ■ **Critical** ■ **High** ■ **Moderate** ■ **Low** ■ **Informational**

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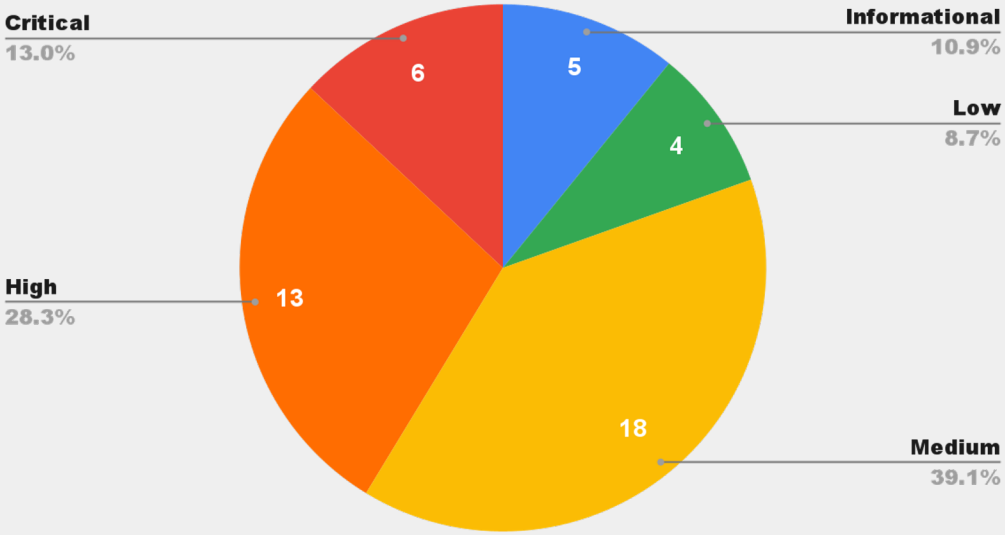
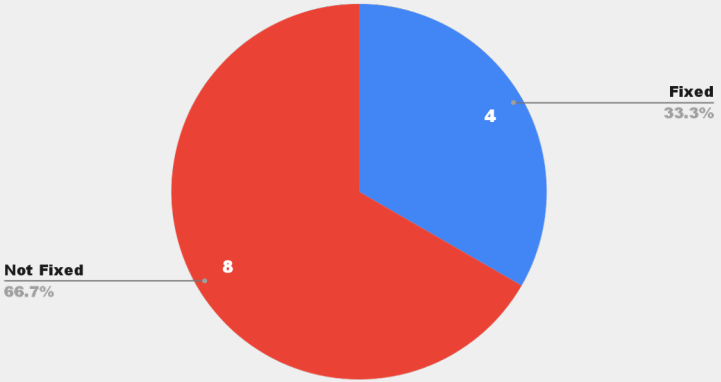
Findings Summary:

Findings Breakdown



Vulnerablites Resolved



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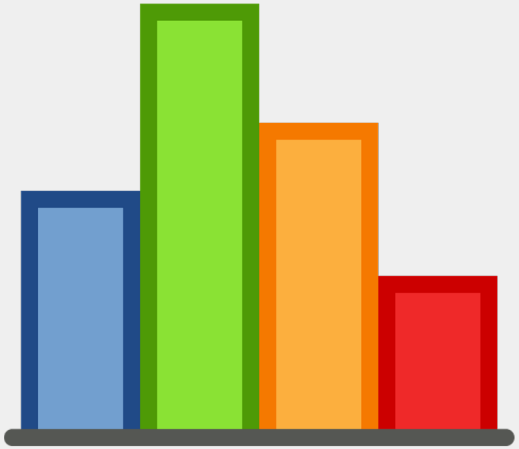
Business Impact:

- Nevada Revised Statutes Chapter 603A
  - Not to exceed $5,000 per violation
- PCI-DSS*
  - 1-3 Months: Up to $10,000 / month
  - 4-6 Months: Up to $50,000 / month
  - 7+ Months: Up to $100,000 / month



*Dependant on number of credit cards processed annually and additional factors

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Remediations:

Configuration

Update misconfigurations in applications to improve security.

Patching

Update operating systems, software, and packages to be as up-to-date as possible

Policies

Changes in company policy to promote best practices, including training.

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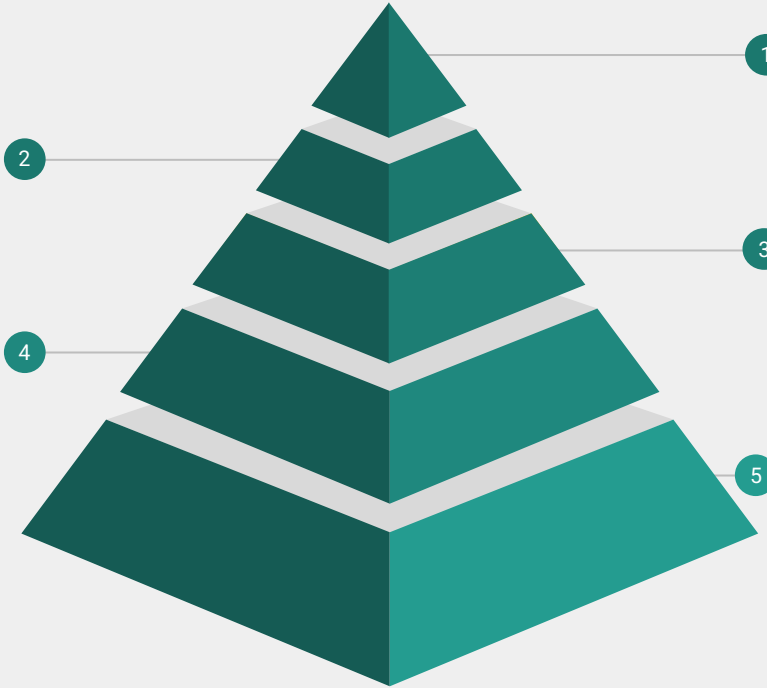
Strengths:



Encryption:
1
Adding encryption to websites and databases containing customer information.

Log Aggregation:
Active log aggregation on network assets for IT staff to analyze device activity.
2

Less Default Credentials/Sessions:
3
Changing default credentials and removing default sessions to some applications

Protection Implementation:
Creating custom applications to prevent unauthorized access to kiosk machines.
4

Lockout Policy Implementation:
5
Blocking access to applications after multiple failed login attempts

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Conclusion:

Questions?

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