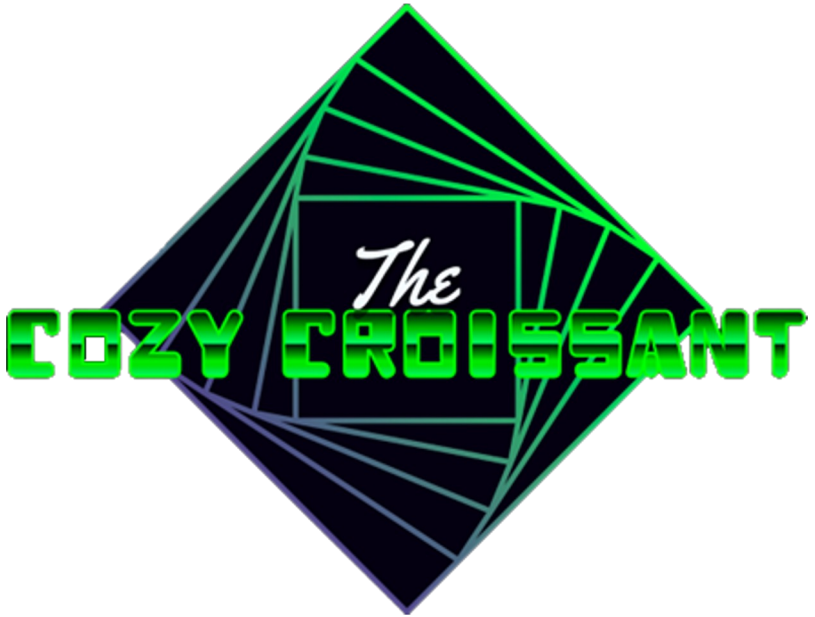
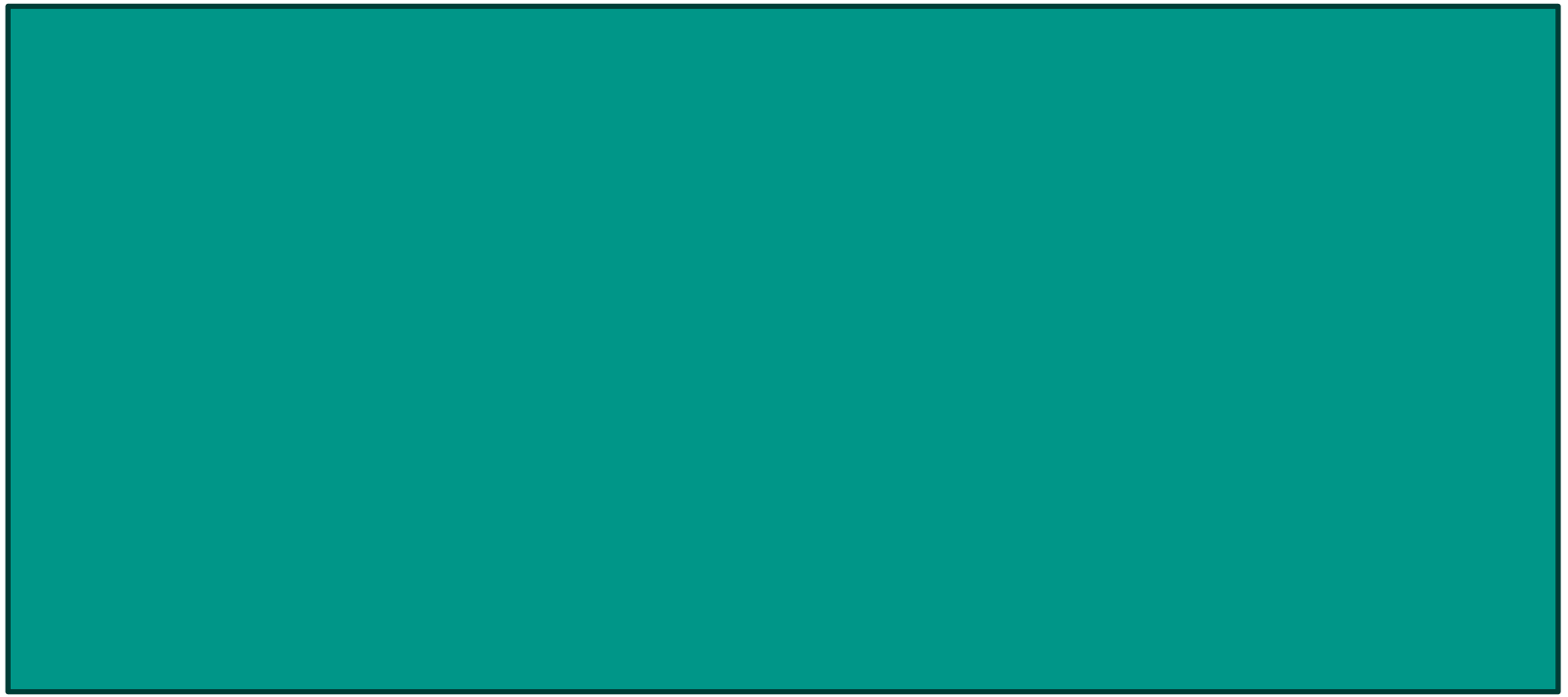
The Cozy Croissant
Penetration Test Debrief

Finals-XX



Team Introduction



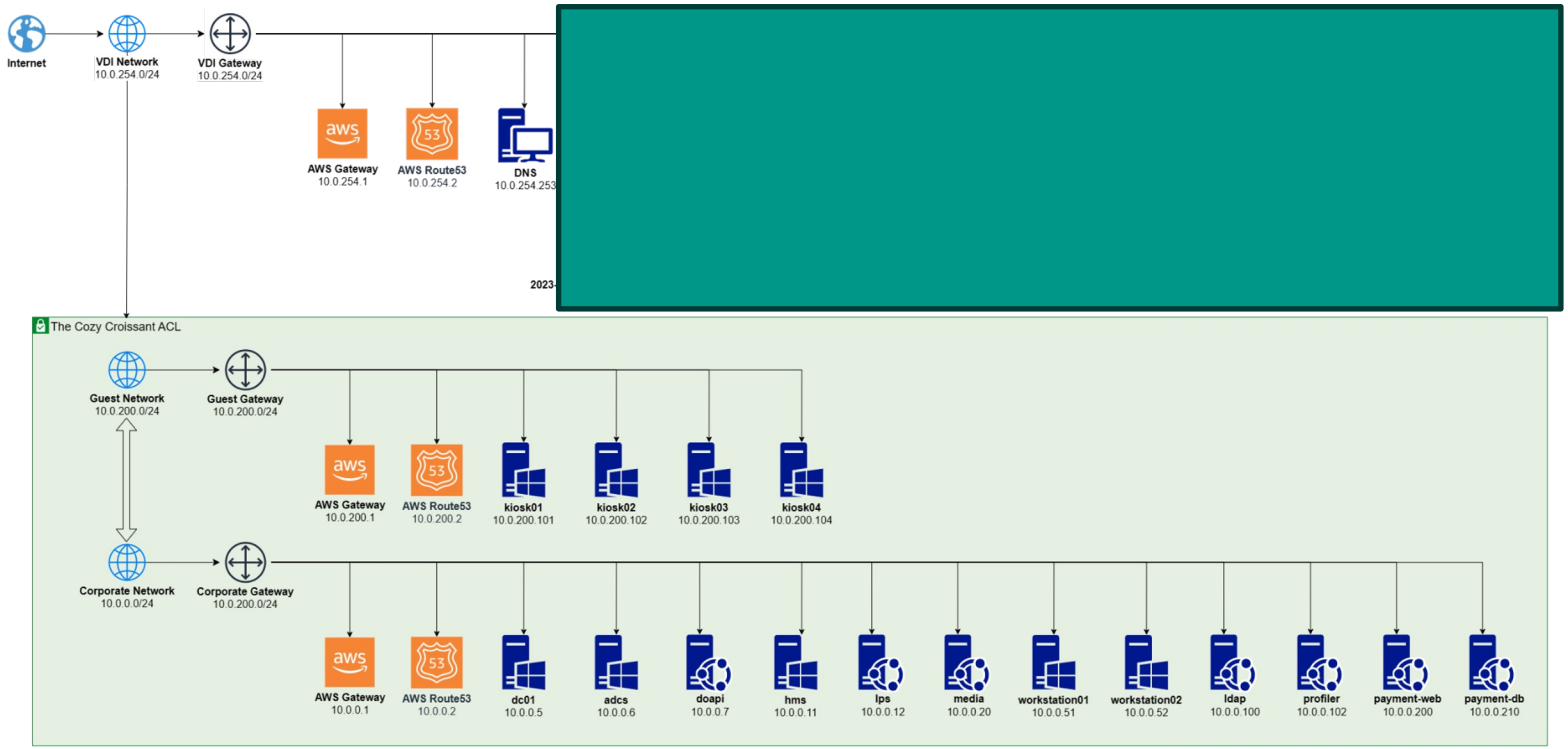
Agenda

- Methodology
  - Scoring Matrix
  - Statistics
- Findings
  - Key Findings
  - Compliance
- Next Steps
  - Remediations
  - Policy Changes

Summary of Engagement

- January 13th 9:45 pm - January 14th 5:45 pm, 2023
- Aimed to evaluate the security posture of The Cozy Croissant’s hotel infrastructure
- Ensure the security of customer data
- Reevaluate vulnerabilities discovered in initial penetration test

Summary of Engagement



Methodology

Approach

The Penetration Testing Execution Standard

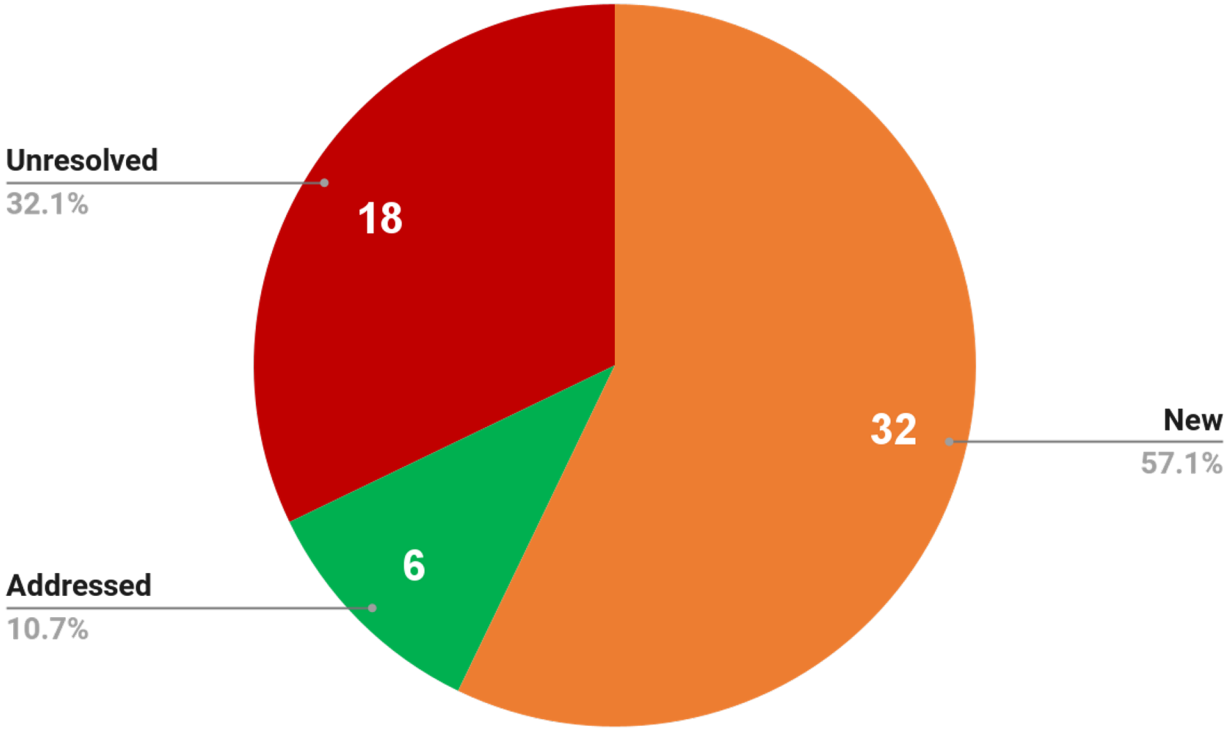
Scoring Metrics

CVSSv3.1 Rating Table	
Critical	9.0 - 10.0
High	7.0 - 8.9
Medium	4.0 - 6.9
Low	0.1 - 3.9
Informational	0.0

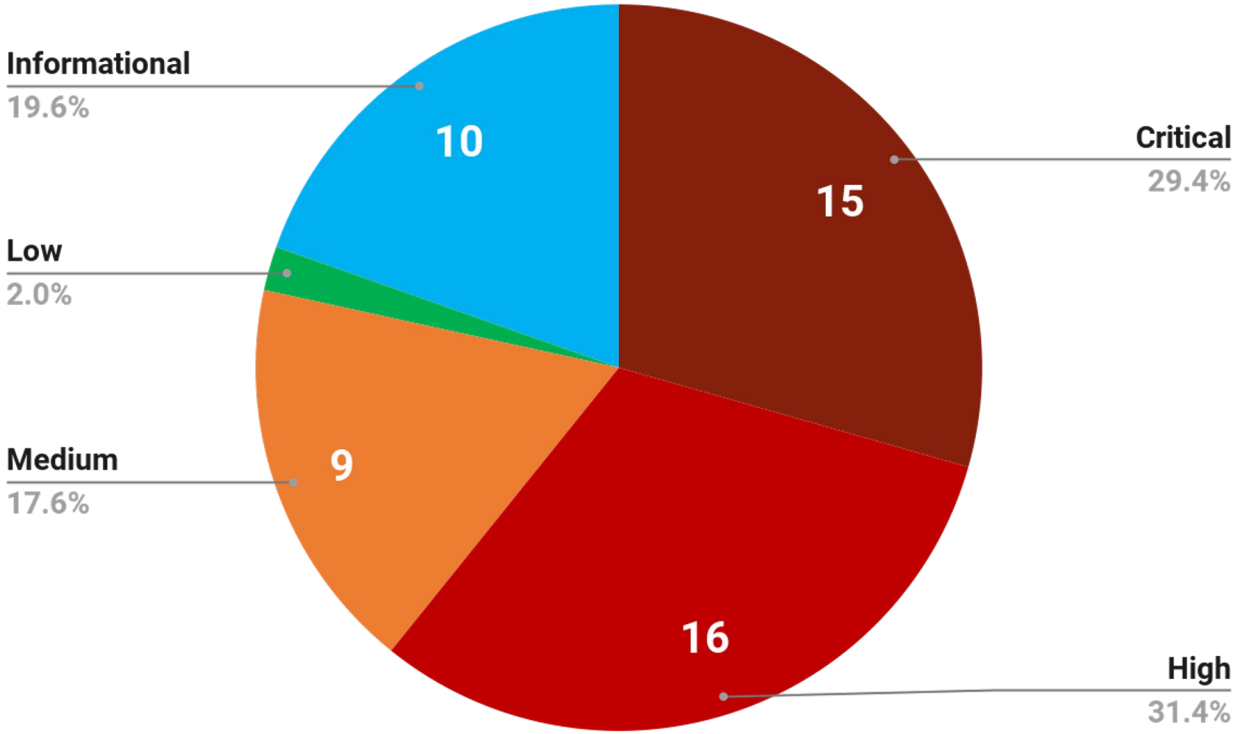
Risk Matrix		Impact (CVSS Score)				
		Informational	Low	Medium	High	Critical
Likelihood	Low	Informational	Low	Low	Medium	High
	Medium	Informational	Low	Medium	High	Critical
	High	Informational	Medium	Medium	High	Critical

Findings

Remediation Statistics



Findings Statistics



Key Findings

Domain User Passwords in Active Directory Comments	
CVSS Score	
10.0	
Matrix Calculation	
Impact	**Critical**
Likelihood	**High**
Risk	**Critical**

Code Execution via SecureAdministrationPassword Application	
CVSS Score	
8.8	
Matrix Calculation	
Impact	**High**
Likelihood	**Medium**
Risk	**High**

Guessable Admin and Database Passwords	
CVSS Score	
9.8	
Matrix Calculation	
Impact	**Critical**
Likelihood	**High**
Risk	**Critical**

Compliance

- Important to ensure compliance with various legal organizations and documents
- These include: GDPR, CCPA, Nevada Chapter 630(A), PCI DSS
- Compliance will ensure limited liability on TCC and ensure better security across network
- Consequences may include fines
- Overall allows users to feel more confident in how their data is used at TCC

Next Steps

Remediations

1. Password Policy
2. Encrypt Personal Data
3. Principle of Least Privilege
4. Network Segmentation
5. Update Important Systems
6. Improve Firewall and Antivirus

Questions?