

# **CHAPS (Hardening Assessment PowerShell Script) Assignment Report**

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Date: [Date]

Client: XYZ Corporation

## **Executive Summary:**

The CHAPS assessment was conducted on the systems belonging to XYZ Corporation to evaluate their security posture and identify potential vulnerabilities. This report provides an overview of the findings and recommendations for improving the security of the systems.

## **Assessment Overview:**

**The assessment covered the following areas:**

Windows Security Settings and Configurations

Patch Management

User Account Settings and Permissions

Group Policy Settings

Firewall Configurations

Common Security Vulnerabilities

## **Findings and Recommendations:**

### **Windows Security Settings and Configurations:**

Findings: Several systems were found to have weak password policies, including the absence of password complexity requirements.

Recommendations: Implement strong password policies, including minimum password length, complexity requirements, and regular password expiration.

### **Patch Management:**

Findings: Some systems were missing critical security patches, leaving them vulnerable to known exploits.

Recommendations: Establish a robust patch management process to ensure timely installation of security updates and patches.

### **User Account Settings and Permissions:**

Findings: Several user accounts had unnecessary administrative privileges, increasing the risk of unauthorized access.

Recommendations: Review and adjust user permissions to adhere to the principle of least privilege.

**Group Policy Settings:**

Findings: Group policies were not consistently enforced across all systems, leading to configuration inconsistencies.

Recommendations: Standardize group policy settings and ensure consistent enforcement across the environment.

**Firewall Configurations:**

Findings: Firewall rules were overly permissive, allowing unnecessary inbound and outbound traffic.

Recommendations: Tighten firewall configurations to restrict traffic to necessary ports and protocols.

**Common Security Vulnerabilities:**

Findings: Several systems were found to be vulnerable to common exploits, such as EternalBlue and MS17-010.

Recommendations: Apply relevant security patches and implement measures to mitigate known vulnerabilities.

**Conclusion:**

The CHAPS assessment identified several areas where improvements can be made to enhance the security posture of XYZ Corporation's systems. By implementing the recommendations outlined in this report, XYZ Corporation can reduce the risk of security breaches and protect sensitive data from unauthorized access.

This concludes the CHAPS Hardening Assessment Report for XYZ Corporation.

Please replace the image URLs with actual screenshots or illustrations relevant to your assessment. Additionally, customize the findings and recommendations based on the specific results of your CHAPS assessment.