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Security Assessment

Scan Date: 4/1/2014

Prepared for
Company AAA

Prepared by
Corptek Solutions, LLC

3/26/2016

Agenda

- Security
  - External & Outbound
  - Policy Compliance
- Risk and Issue Score
- Issue Review
- Next Steps

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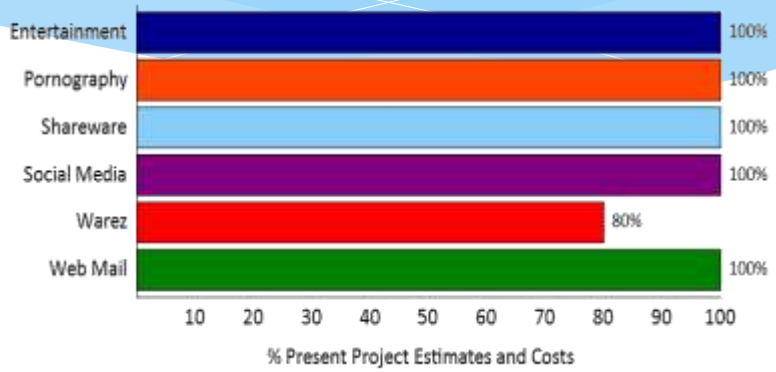
Security - External & Outbound

External Scan Results

Account Lockout Policy	Risk and Issue Score
42.62.65.25	Medium risk
176.28.51.58 (rs208305.rs.hosteurope.de)	High risk
46.38.236.232 (fbnhffmnn.de)	Medium risk
63.230.176.46 (etsio-prod.cnf.com)	Medium risk
193.23.123.40 (rev-040.snrm.fr)	High risk
Total: 5	**High risk**

Content Filtering Assessment



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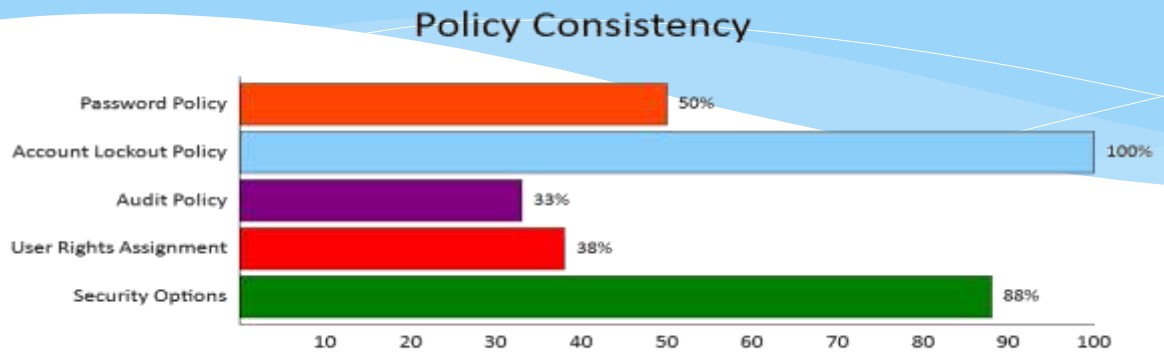
Security - Policy Compliance



Password Policy

Policy	Setting
Maximum password age	0 days
Minimum password age	30 days
Minimum password length	7 characters
Password must meet complexity requirements	Enabled
Store passwords using reversible encryption	Disabled

Account Lockout Policy

Policy	Setting
Account lockout threshold	0 invalid logon attempts

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Risk and Issue Score

Current Risk Score

Current Issue Score

Issue Review

Automatic screen lock not turned on. (72 pts)

Issue: Automatic screen lock prevents unauthorized access when users leave their computers. Having no screen lock enable allows authorized access to network resources.

Recommendation: Enable automatic screen lock on the specified computers.

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Issue Review

Password history not remembered for at least 6 passwords (72 pts)

Issue: Short password histories allow users to rotate through a known set of passwords, thus reducing the effectiveness of a good password management policy.

Recommendation: Increase password history to remember at least 6 passwords.

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Issue Review

Account lockout disabled (77 pts)

Issue: Account lockout (disabling an account after a number of failed attempts) significantly reduces the risk of an attacker acquiring a password through a brute force attack.

Recommendation: Enable account lockout for all users.

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Issue Review

Inconsistent password policy / Exceptions to password policy (68 pts)

Issue: Password policies are not consistently applied from one computer to the next. A consistent password policy ensure adherence to password best practices.

Recommendation: Eliminate inconsistencies and exceptions to the password policy.

Issue Review

Critical External Vulnerabilities Detected (95 pts)

Issue: External vulnerabilities may potentially allow malicious attacks from outside your network and should be addressed as soon as possible. External vulnerabilities are considered potential security holes that can allow hackers access to your network and information.

Recommendation: We recommend assessing the risk of each vulnerability and remediating all external vulnerabilities as prescribed.

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Issue Review

Medium Severity External Vulnerabilities Detected (75 pts)

Issue: External vulnerabilities may potentially allow malicious attacks from outside your network and should be addressed as soon as possible. External vulnerabilities are considered potential security holes that can allow hackers access to your network and information.

Recommendation: We recommend assessing the risk of each vulnerability and remediating all external vulnerabilities as prescribed.

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Issue Review

System Protocol Leakage (45 pts)

Issue: System protocols were allowed to be sent outbound. To prevent potential loss of data and reduce the risk of malicious behavior by malware, these protocols should be restricted or blocked by external access controls. There are very few instances where system protocols are needed outside of the internal network. Allowing these protocols to \"leak\" does not mean that they are currently posing a threat, but is an indication of a lack of a managed firewall or proper policies to block these protocols.

Recommendation: We suggest ensuring adequate access controls in place to block these protocols or note them as acceptable risks.

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Issue Review

Lack of Web Filtering (62 pts)

Issue: Access appears to all websites appears to be unrestricted. This issue does not imply that any particular user is currently accessing restricted sites, but rather that they can. Controlling access to the Internet and websites may help reduce risks related to security, legal, and productivity concerns. Lack of adequate content management filtering to block restricted sites may lead to increased network risk and business liability.

Recommendation: We propose putting in place access controls to block websites that violate the company's Internet use policy.

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Next Steps

- Agree on List of Issues to Resolve
- Present Project Estimates and Costs
- Establish Timelines
- Set Milestones
- Get Signoff to Begin Work

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