Technical Review

Prepared for:

Prepared by:
Copper Mountain Consulting
02/01/2025

Technical Risk Treatment Plan

Scan Date: 02/01/2025

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Network Management Plan

This ranks individual issues based upon their potential risk to the network while providing guidance on which issues to address by priority. Fixing issues with lower Risk Scores will not lower the Overall Risk Score but will reduce the global Issue Score. To mitigate global risk and improve the health of the network, address issues with higher Risk Scores first.

High Risk

RISK SCORE	RECOMMENDATION	SEVERITY	PROBABILITY
97	Upgrade or replace computers with operating systems that are no longer supported.	H	H
97	Upgrade Microsoft Office versions that are no longer supported.	H	H
90	Ensure anti-spyware definitions are up to date on specified computers.	H	H
90	Address patching on computers missing 4+ security patches.	H	H
75	Address patching on computers missing 1-3 security patches.	M	H

Medium Risk

RISK SCORE	RECOMMENDATION	SEVERITY	PROBABILITY
68	Free or add additional disk space for the specified drives.	H	L

Low Risk

RISK SCORE	RECOMMENDATION	SEVERITY	PROBABILITY
30	Investigate all accounts with passwords set to never expire and configure them to expire regularly.	L	L
20	Upgrade computers that have operating systems in Extended Support before end of life.	L	L
15	Investigate the list of inactive computers and determine if they should be removed from Active Directory, rejoined to the network, logged into by authorized users, or powered on. 100 of 187 displayed. See Technical Risk Treatment Plan Details.xlsx report generated in Excel format.	L	L
13	Disable or remove user accounts for users that have not logged on to active directory in 30 days.	L	L
10	Remove or populate empty organizational units.	L	L
10	There may be a legitimate business need, but these risks should be assessed individually. Certain protocols are inherently insecure since they often lack encryption. Inside the network, their use should be minimized as much as possible to prevent the spread of malicious software. Of course, there can be reasons these services are needed and other means to protect systems which listen on those ports. We recommend reviewing the programs listening on the network to ensure their necessity and security. See Listening Ports sheets in Excel Export for details.	L	L

Security Management Plan

This ranks individual issues based upon their potential risk to the network while providing guidance on which issues to address by priority. Fixing issues with lower Risk Scores will not lower the Overall Risk Score but will reduce the global Issue Score. To mitigate global risk and improve the health of the network, address issues with higher Risk Scores first.

High Risk

RISK SCORE	RECOMMENDATION	SEVERITY	PROBABILITY
95	Assess the risk of each vulnerability and remediate all external vulnerabilities as prescribed.	H	H
95	We recommend assessing the risk of each vulnerability and remediating all internal vulnerabilities as prescribed. 100 of 749 displayed. See Technical Risk Treatment Plan Details.xlsx report generated in Excel format.	H	H
75	Enable password complexity to assure that network user account passwords are secure.	H	H
75	Enable enforcement of password length to 8 or more characters.	H	M
72	Enable automatic screen lock on the specified computers.	M	M
72	Increase password history to remember at least six passwords.	H	H

Medium Risk

RISK SCORE	RECOMMENDATION	SEVERITY	PROBABILITY
70	Assess the risk of each vulnerability and remediate all external vulnerabilities as prescribed.	H	H
~~70~~	Modify the maximum password age to be 90 days or less.	H	L
68	Eliminate inconsistencies and exceptions to the password policy. See the Security Policy Assessment report for policy details. ☐ Enforce password history ☐ Maximum password age ☐ Minimum password age ☐ Minimum password length ☐ Password must meet complexity requirements	H	H

Low Risk

RISK SCORE	RECOMMENDATION	SEVERITY	PROBABILITY
50	Ensure company's WiFi is secure and discourage the use of any open WiFi connections. ☐ Insecure Wireless - ☐ Insecure Wireless - ☐ Insecure Wireless - ☐ Insecure Wireless -	L	L

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Azure AD Management Plan

This ranks individual issues based upon their potential risk to the network while providing guidance on which issues to address by priority. Fixing issues with lower Risk Scores will not lower the Overall Risk Score but will reduce the global Issue Score. To mitigate global risk and improve the health of the network, address issues with higher Risk Scores first.

High Risk

RISK SCORE	RECOMMENDATION	SEVERITY	PROBABILITY
90	Turning on the customer lockbox feature requires that approval is obtained for datacenter operations that grants a Microsoft employee direct access to your content. Access may be needed by Microsoft support engineers if an issue arises. There's an expiration time on the request and content access is removed after the support engineer has fixed the issue.	H	H