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Network Assessment

Quarterly Business Review

Prepared for: Client Company

Prepared by: Your IT Company

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Scan Date:
22-Apr-2022

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1 Introduction

Understanding business requirements and aligning them with the correct Information Technology plans is critical to getting the best return on your investment. This is true whether the objective is to enhance productivity, meet regulatory compliance or just to maintain current systems and achieve lower cost of ownership.

We do not believe technology should drive your decisions. Rather, our approach to IT initiatives for your business is to focus on aligning business needs with IT. We believe the business need once identified, will drive the IT process. Through our consultative approach, IT goals and initiatives become apparent and form the basis for your IT road map.

With our combined technology and business focus, we will help you identify the right technology solutions that can deliver high value while controlling costs. We also want to ensure that we are meeting our commitments to your organization and scheduling future services to conform to agreed objectives.

On a quarterly basis your plan is reviewed and updated, as necessary, to address new business situations. We also provide an analysis of current system health and go over the status of any open projects. Your staff and our team examine IT items in detail, one by one. Projects timelines and budgets are discussed; audit and compliance issues are addressed as well as service level items. Follow up action items are then defined and delegated.

The Quarterly Business Review helps make sure that your IT business objectives are managed more effectively and expectations properly set.

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2 Previous Quarter Performance Review

In this section, we will review key metrics and significant changes to the network.

2.1 Key Metrics

	CURRENT 22-APR-2022	PREVIOUS 24-JAN-2022	TREND
Total Computers			
Active Computers	57	51	+6
All Computers	69	61	+8
Total Users			
Active Users	18	12	+6
All Users	49	40	+9
Total Active Anti-virus Coverage	100.00%	98.04%	+1.96%
Backup Coverage	28.07%	29.41%	-1.34%
Patch Coverage	100.00%	100.00%	no change

2.2 Documentation of Changes

Computers

During the previous quarter **10 computer(s) were added**, and **2 computer(s) were removed.**

Total Computers
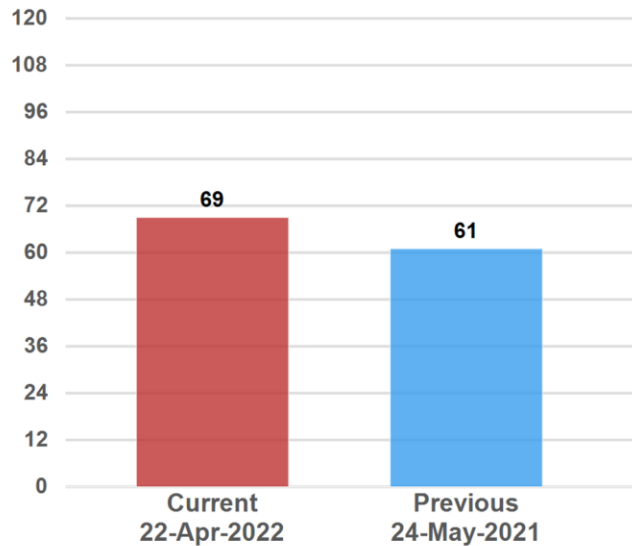
ACTION	TYPE	DETAIL
ADDED	Windows 10 Pro Version 21H2	DESKTOP-07RD86G
ADDED	Windows 10 Enterprise Version 20H2	DESKTOP-0O3L5BQ
ADDED	Windows 10 Pro Version 2004	DESKTOP-10OVNUS
ADDED	Windows 10 Pro Version 21H2	DESKTOP-BJEN1UQ
ADDED	Windows 10 Pro Version 21H1	DESKTOP-BUKAPT2
ADDED	Windows 10 Pro Version 21H2	DESKTOP-C5SRLI4
ADDED	Windows 10 Pro Version 21H1	DESKTOP-KLR129U
ADDED	Windows 10 Pro Version 21H1	DESKTOP-Q9TQ4IM
ADDED		DESTKOP-MVGNQ06
ADDED	Windows Server 2019 Standard	WIN-TATVQ3REM1K
REMOVED	Windows 10 Pro Version 2009	DESKTOP-NF6BLBC
REMOVED	Windows 10 Enterprise Version 2004	DESKTOP-ADU1DSQ

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Printers

No printer changes occurred during the quarter

Users and Access

During the previous quarter *9 user(s) were added*, *2 user(s) were disabled*, and *0 user account(s) were deleted.* Also, *4 change(s) in security group (access) occurred.*

Total Users
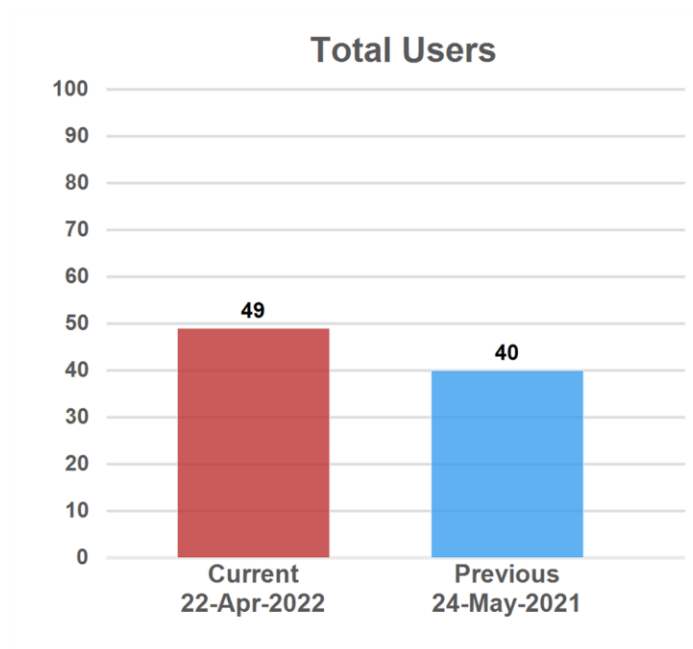
ACTION	TYPE	DETAIL
ADDED	User	A Hulida
ADDED	User	Dolemite
ADDED	User	Elora Dutta
ADDED	User	Evgeny C
ADDED	User	Felix Travieso
ADDED	User	Ina Schmidt
ADDED	User	Jira Admin
ADDED	User	U Bandarupalli
ADDED	User	Vijay Potlia

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ACTION	TYPE	DETAIL
DISABLED	User	D Kabzinski
DISABLED	User	D Whatley
MODIFIED	Security Group	Remote Desktop Users(Added: Dolemite)
MODIFIED	Security Group	Domain Admins(Added: Evgeny C,Ina Schmidt,Elora Dutta,U Bandarupalli,A Hulida,Felix Travieso,Vijay Potlia)
MODIFIED	Security Group	Domain Users(Added: Evgeny C,Ina Schmidt,Elora Dutta,Jira Admin,U Bandarupalli,A Hulida,Dolemite,Felix Travieso,Vijay Potlia)
MODIFIED	Security Group	QA(Added: Evgeny C,Ina Schmidt,Elora Dutta,A Hulida)

Storage

Available Drive Space

	Current 22-Apr-2022	Previous 24-May-2021
<1% Available Space	0	0
<5% Available Space	2	1
<10% Available Space	2	3
>10% Available Space	49	47
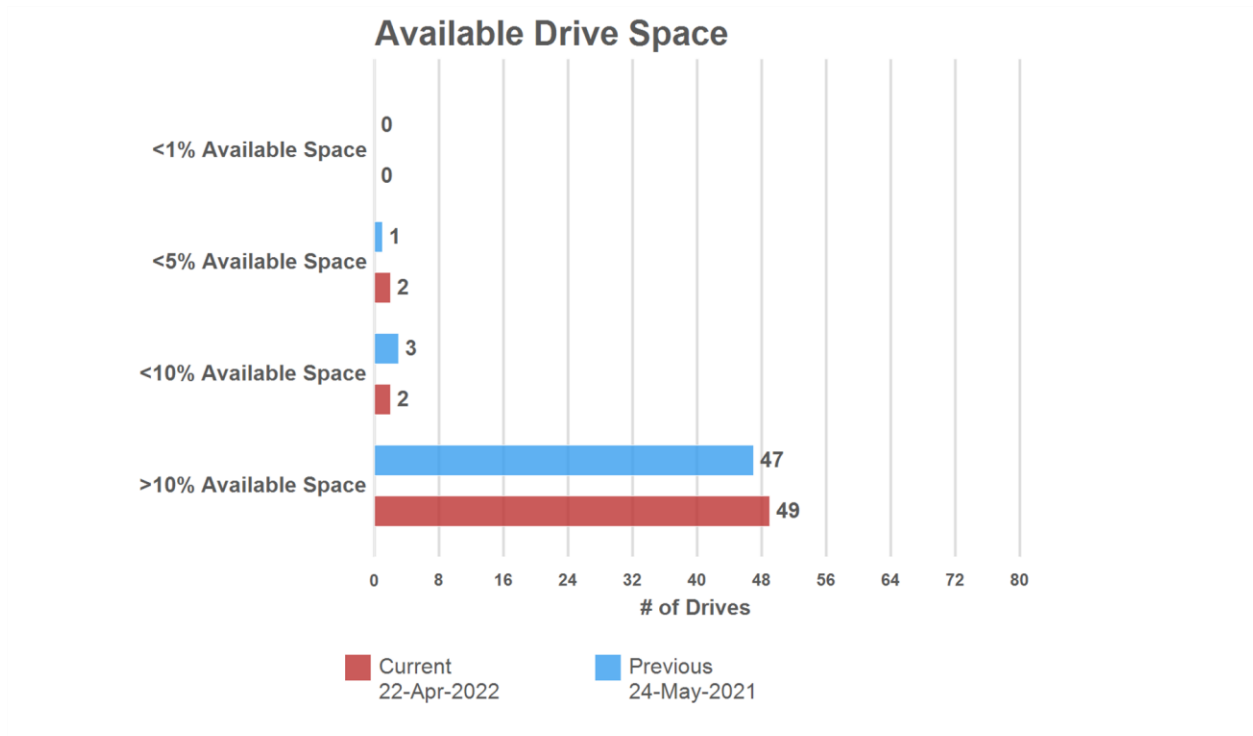
# of Drives

At Risk Drives

COMPUTER	DRIVE	SPACE AVAILABLE
DESKTOP-4PF2ICP	C:	3.4 GB
DESKTOP-B9ETSS8	C:	8.81 GB

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COMPUTER	DRIVE	SPACE AVAILABLE
DESKTOP-F0M1O27	C:	0.72 GB
DESKTOP-U1K3NAF	C:	2.97 GB

External Speed Analysis

Please note that the external speed analysis is a point in time analysis and should only be used as a reference.

	MIN	MAX
This Quarter	▼ 65.6 Mb/s (Sydney, Australia)	▼ 234.1 Mb/s (New York City, New York)
Previous Quarter	89.6 Mb/s (Sydney, Australia)	236.1 Mb/s (CLOSEST)

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3 Issues Review

3.1 Addressed Issues

Unsupported operating systems (97 pts)
Previous Issue: Computers found using an operating system that is no longer supported. Unsupported operating systems no longer receive vital security patches and present an inherent risk.
Recommendation: Upgrade or replace computers with operating systems that are no longer supported.
Status: *Still an issue but improved. See Current Issues list.*

User has not logged on to domain in 30 days (13 pts)
Previous Issue: Users have not logged on to domain in 30 days. A user that has not logged in for an extended period of time could be a former employee or vendor.
Recommendation: Disable or remove user accounts for users that have not logged on to active directory in 30 days.
Status: *Still an issue. See Current Issues list.*

User password set to never expire (30 pts)
Previous Issue: User accounts with passwords set to never expire present a risk of use by unauthorized users. They are more easily compromised than passwords that are routinely changed.
Recommendation: Investigate all accounts with passwords set to never expire and configure them to expire regularly.
Status: *Still an issue. See Current Issues list.*

Significantly high number of Domain Administrators (35 pts)
Previous Issue: More than 30% of the users are in the Domain Administrator group and have unfettered access to files and system resources. Compromised Domain Administrator accounts pose a higher threat than typical users and may lead to a breach.
Recommendation: Evaluate the need to have more than 30% of users in the Domain Administrator group and limit administrative access to the minimum necessary.
Status: *Still an issue. See Current Issues list.*

Anti-virus not up to date (90 pts)
Previous Issue: Up to date anti-virus definitions are required to properly prevent the spread of malicious software. Some anti-virus definitions were found to not be up to date.
Recommendation: Ensure anti-virus definitions are up to date on specified computers.
Status: *Still an issue. See Current Issues list.*

Anti-spyware not installed (94 pts)
Previous Issue: Anti-spyware software was not detected on some computers. Without adequate anti-virus and anti-spyware protection on all workstations and servers, the risk of acquiring malicious software is significant.
Recommendation: Assure that anti-spyware is deployed to all possible endpoints in order to prevent both security and productivity issues.
Status: *No longer an issue*

Anti-spyware not turned on (92 pts)
Previous Issue: We were unable to determine if anti-spyware software is enabled and running on some computers.
Recommendation: Determine if anti-spyware is enabled properly.

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Status: *No longer an issue*

Anti-spyware not up to date (90 pts)
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Recommendation: Ensure anti-spyware definitions are up to date on specified computers.
Status: *Still an issue. See Current Issues list.*

Few Security patches missing on computers. (75 pts)
Previous Issue: Security patches are missing on computers. Maintaining proper security patch levels helps prevent unauthorized access and the spread of malicious software. Few is defined as missing 3 or less patches.
Recommendation: Address patching on computers missing 1-3 security patches.
Status: *Still an issue. See Current Issues list.*

Inactive computers (15 pts)
Previous Issue: Computers have not checked in during the past 30 days
Recommendation: 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.
Status: *Still an issue. See Current Issues list.*

Operating system in Extended Support (20 pts)
Previous Issue: Computers are using an operating system that is in Extended Support. Extended Support is a warning period before an operating system is no longer supported by the manufacturer and will no longer receive support or patches.
Recommendation: Upgrade computers that have operating systems in Extended Support before end of life.
Status: *Still an issue. See Current Issues list.*

3.2 Current Issues

Unsupported operating systems (97 pts)
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Insecure listening ports (10 pts)
Issue: Computers are using potentially insecure protocols.
Recommendation: 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.

Operating system in Extended Support (20 pts)
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4 SWOT Analysis

We've conducted a review of your current strengths, weaknesses, opportunities and potential threats. Understanding both your strengths and weaknesses can help us formulate an action plan that will allow us to improve the reliability and performance of your network.

4.1 Strengths

These are the strengths we identified in your business. These are both administrative and technical assets you have that you can build on.

- No strengths were identified

4.2 Weaknesses

Weaknesses are areas where we have identified room for improvement.

- No weaknesses were identified

4.3 Addressed Issues

These are potentials for improvements in your environment. By leveraging opportunities, we can help you improve your infrastructure.

- No opportunities were identified

4.4 Threats

Threats are external dangers to your IT infrastructure. Some dangers are more immediate than others.

- No threats were identified

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5 Action Plan

We propose the following action plan to address your current weaknesses and threats.

INSE
- ☐ Insecure Wireless - Cafe1117-Guest
- ☐ Insecure Wireless - HPC4995C
- ☐ Insecure Wireless - HP-Print-95-Officejet Pro 8600
- ☐ Insecure Wireless - xfinitywifi

RT YOUR PROPOSED ACTION PLAN