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Network Assessment
Client Risk Report

Scan Date: 2020/01/18

Prepared for: Your Customer / Prospect

Prepared by: Your Company Name

2021/02/03

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12 | Workstation Aging

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Discovery Tasks

The following discovery tasks were performed:

	TASK	DESCRIPTION
✔	Detect Domain Controllers	Identifies domain controllers and online status.
✔	FSMO Role Analysis	Enumerates FSMO roles at the site.
✔	Enumerate Organization Units and Security Groups	Lists the organizational units and security groups (with members).
✔	User Analysis	Lists the users in AD, status, and last login/use, which helps identify potential security risks.
✔	Detect Local Accounts	Detects local accounts on computer endpoints.
✔	Detect Added or Removed Computers	Lists computers added or removed from the Network since the last assessment.
✔	Detect Local Mail Servers	Detects mail server(s) on the network.
✔	Detect Time Servers	Detects server(s) on the network.
✔	Discover Network Shares	Discovers the network shares by server.
✔	Detect Major Applications	Detects all major apps / versions and counts the number of installations.
✔	Detailed Domain Controller Event Log Analysis	Lists the event log entries from the past 24 hours for the directory service, DNS server and file replication service event logs.
✔	Web Server Discovery and Identification	Lists the web servers and type.
✔	Network Discovery for Non-A/D Devices	Lists the non-Active Directory devices responding to network requests.
✔	Internet Access and Speed Test	Tests Internet access and performance.
✔	Internet Domain Analysis	Queries company domain(s) via a WHOIS lookup.
✔	Missing Security Updates	Identifies computers missing security updates.
✔	System by System Event Log Analysis	Discovers the five system and app event log errors for servers.
✔	External Security Vulnerabilities	Lists the security holes and warnings from External Vulnerability Scan.

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Risk Score

The Risk Score is a value from 0 to 100, where 100 represents significant risk and potential issues. The score is risk associated with the highest risk issue.

CURRENT
97

| LOW | MEDIUM | HIGH |

Several critical issues were identified. Identified issues should be investigated and addressed according to the Management Plan.

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Issues Summary

This section contains a summary of issues detected during the Network Assessment process, and is based on industry-wide best practices for network health, performance, and security. The Overall Issue Score grades the level of issues in the environment. An Overall Issue score of zero (0) means no issues were detected in the environment. It may not always be possible to achieve a zero score in all environments due to specific circumstances.

Overall Issue Score

Current   3454

Overall Issue Score: Risk Score x Number of Incidents = Total points: Total percent (%)

1358 — Unsupported operating systems (97 pts each)

Current Score: 97 pts x 14 = 1358: 39.32%

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.

825 — Few Security patches missing on computers. (75 pts each)

Current Score: 75 pts x 11 = 825: 23.89%

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.

299 — User has not logged on to domain in 30 days (13 pts each)

Current Score: 13 pts x 23 = 299: 8.66%

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.

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272 Potential disk space issue (68 pts each)

Current Score: 68 pts x 4 = 272: 7.87%

Issue: 4 computers were found with significantly low free disk space.

Recommendation: Free or add additional disk space for the specified drives.

270 Insecure listening ports (10 pts each)

Current Score: 10 pts x 27 = 270: 7.82%

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.

180 User password set to never expire (30 pts each)

Current Score: 30 pts x 6 = 180: 5.21%

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.

90 Anti-spyware not up to date (90 pts each)

Current Score: 90 pts x 1 = 90: 2.61%

Issue: Up to date anti-spyware definitions are required to properly prevent the spread of malicious software. Some anti-spyware definitions were found to not be up to date.

Recommendation: Ensure anti-spyware definitions are up to date on specified computers.

90 Anti-virus not up to date (90 pts each)

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Current Score: 90 pts x 1 = 90: 2.61%

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.

40 Operating system in Extended Support (20 pts each)

Current Score: 20 pts x 2 = 40: 1.16%

Issue: Computers are using an operating system that is in Extended Supported. 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.

30 Inactive computers (15 pts each)

Current Score: 15 pts x 2 = 30: 0.87%

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.

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Internet Speed Test Results

Download Speed: **76.17 Mb/s**   Upload Speed: **78.19 Mb/s**

76.17 Mb/s

78.19 Mb/s

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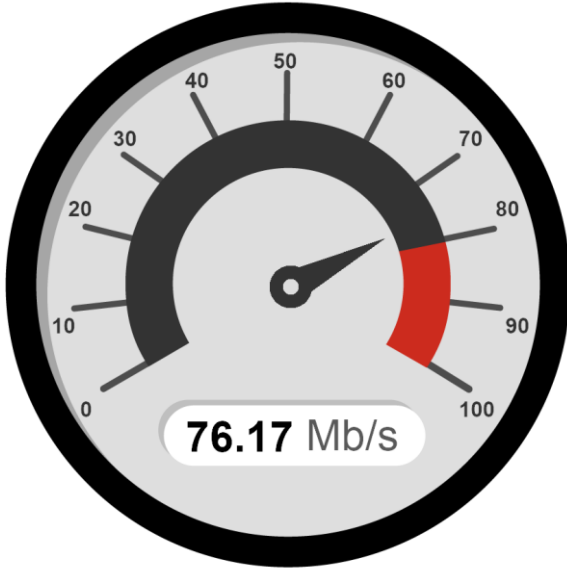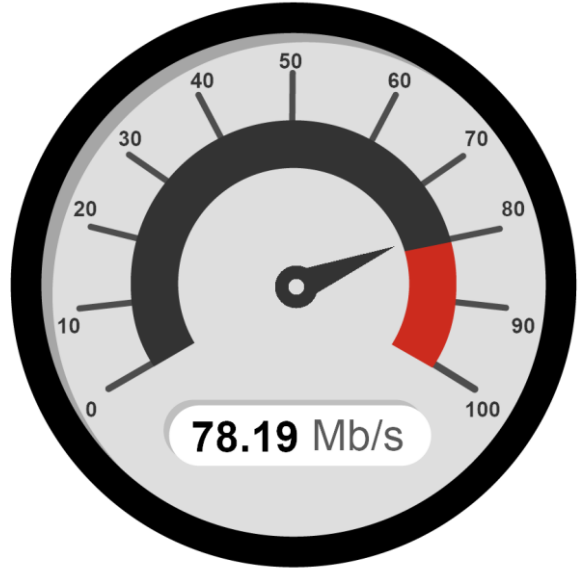
Asset Summary: Total Discovered Assets

Total Discovered Assets

Asset	Count
Printers	85
Web Servers	66
Computers	38
Windows	38
MS SQL Servers	14
Exchange Servers	1
MX Records	1
Linux	0
Mac OS	0

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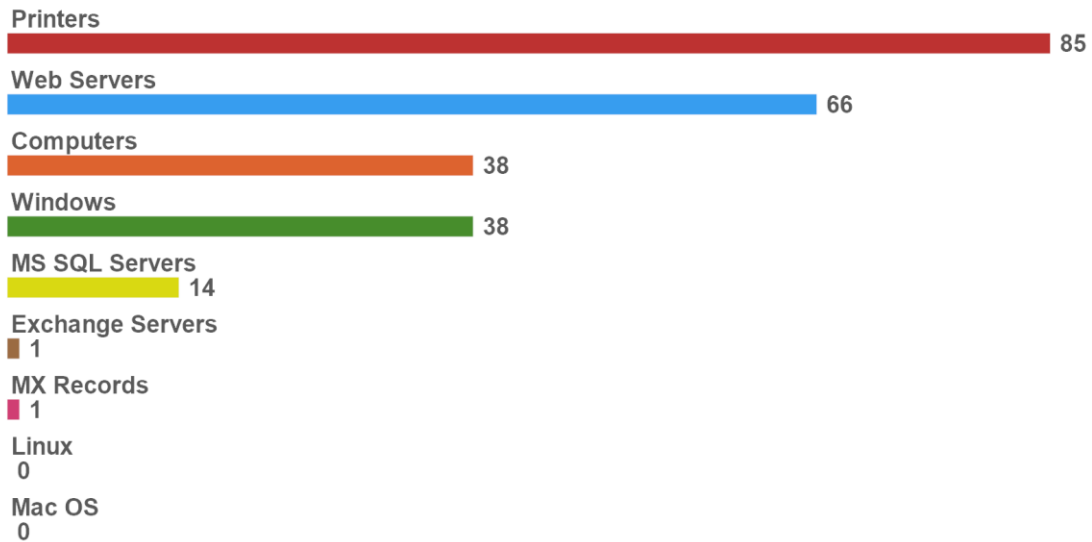
Asset Summary: Active Computers

Active Computers are defined as computers that were either actively responding at the time of the scan or have checked in with Active Directory within the past 30 days.

Active Computers by Operating System
Total (31)

- Windows 10 Pro (45.2%)
- Windows Server 2008 R2 Standard (25.8%)
- Windows 7 Professional (19.4%)
- Windows Server 2012 R2 Standard (6.5%)
- Windows Server 2016 Standard (3.2%)
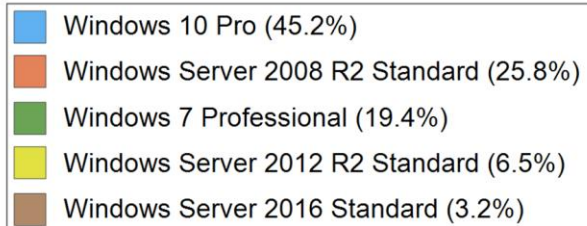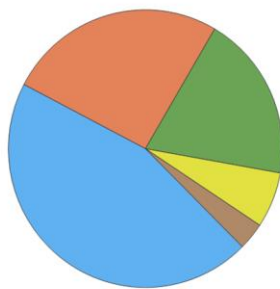
OPERATING SYSTEM (TOP FIVE)	TOTAL	PERCENT
Windows 10 Pro	14	45.2%
Windows Server 2008 R2 Standard	8	25.8%
Windows 7 Professional	6	19.4%
Windows Server 2012 R2 Standard	2	6.5%
Windows Server 2016 Standard	1	3.2%
Total - Top Five	**31**	**100%**

OPERATING SYSTEM (OTHER)	TOTAL	PERCENT
Total - Other	**0**	**0%**

OVERALL TOTAL	TOTAL	PERCENT
	31	100%

Operating System Support

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Supported

15

Unsupported

14

Extended Support

2

Unknown

0

PROPRIETARY & CONFIDENTIAL

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Asset Summary: All Computers

The list of all computers includes computers that may no longer be active but have entries in Active Directory (in a domain environment).

Total Computers by Operating System
Total (38)

- Windows 10 Pro (50%)
- Windows Server 2008 R2 Standard (23.7%)
- Windows 7 Professional (15.8%)
- Windows Server 2012 R2 Standard (5.3%)
- Windows Server 2016 Standard (5.3%)
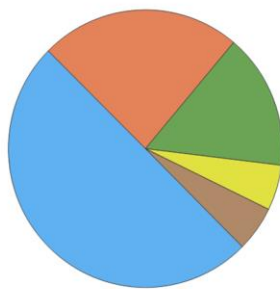
OPERATING SYSTEM (TOP FIVE)	TOTAL	PERCENT
Windows 10 Pro	19	50%
Windows Server 2008 R2 Standard	9	23.7%
Windows 7 Professional	6	15.8%
Windows Server 2012 R2 Standard	2	5.3%
Windows Server 2016 Standard	2	5.3%
Total - Top Five	**38**	**100%**

OPERATING SYSTEM (OTHER)	TOTAL	PERCENT
Total - Other	**0**	**0%**

OVERALL TOTAL	TOTAL	PERCENT
	38	100%

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Asset Summary: Inactive Computers

Inactive computers are computers that could not be scanned or have not checked into Active Directory in the past 30 days.

Inactive Computers by Operating System
Total (7)
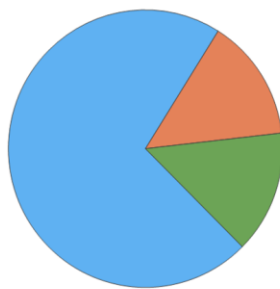
- Windows 10 Pro (71.4%)
- Windows Server 2008 R2 Standard (14.3%)
- Windows Server 2016 Standard (14.3%)

OPERATING SYSTEM (TOP FIVE)	TOTAL	PERCENT
Windows 10 Pro	5	71.4%
Windows Server 2008 R2 Standard	1	14.3%
Windows Server 2016 Standard	1	14.3%
Total - Top Five	**7**	**100%**

OPERATING SYSTEM (OTHER)	TOTAL	PERCENT
Total - Other	**0**	**0%**

OVERALL TOTAL	TOTAL	PERCENT
	7	100%

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Asset Summary: Users

Users Logged in

Last Login within 30 days - 0 (0%)
Last Login older than 30 days - 23 (100%)

Total Users

Enabled Users - 23 (95.8%)
Disabled Users - 1 (4.2%)
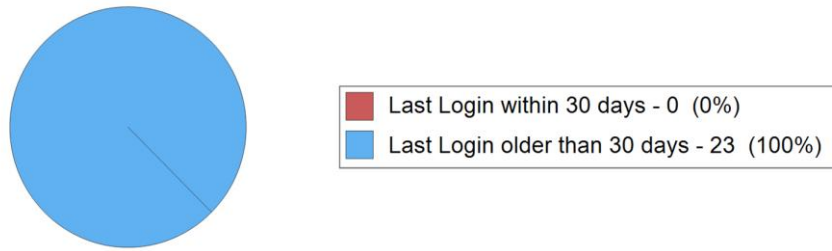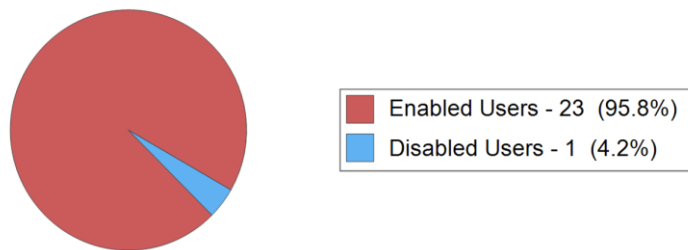
Security Group Distribution (Admin Groups + Top 5 Non-Admin Groups)

Domain Users 102
Domain Computers 90
All IRCPA Users 43
Assesment 20
Real Estate 20
IRCPA Calendar Editors 19
Administrators 17
Domain Admins 14

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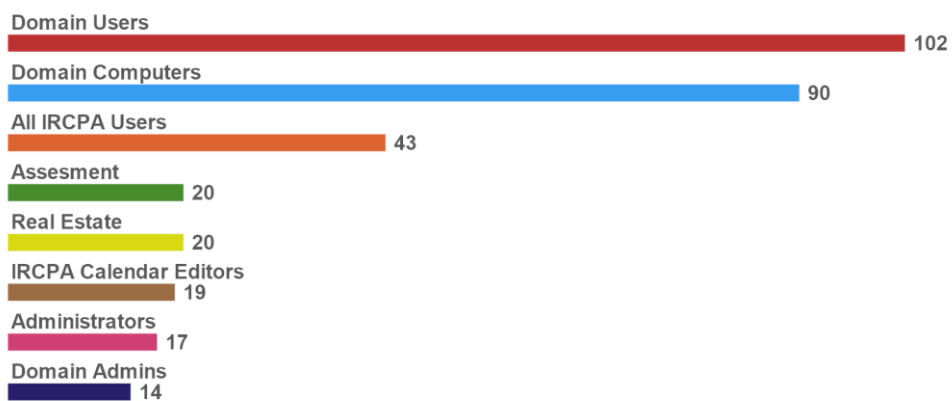
Asset Summary: Storage
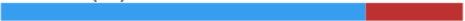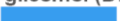
Top 10 Drive Capacity

FILESERVER1 (E:)
2907 GB Used 1751 GB Free **4658 Total**

CA-VAL (D:)
1269 GB Used 3201 GB Free **4470 Total**

CA-VAL (T:)
767 GB Used 2865 GB Free **3632 Total**

CA-PRINTSVR (E:)
5 GB Used 2789 GB Free **2794 Total**

CA-GISSDE (G:)
284 GB Used 1623 GB Free **1907 Total**

FILESERVER2 (D:)
990 GB Used 515 GB Free **1505 Total**

CA-GISSDE (D:)
4 GB Used 1287 GB Free **1291 Total**

dwhiteacer (D:)
7 GB Used 925 GB Free **932 Total**

CA-PRINTSVR (C:)
119 GB Used 812 GB Free **931 Total**

RKNIGHT-DESKPC (C:)
466 GB Used 455 GB Free **921 Total**

Top 10 Drive % Used

sketteringprodskhp (D:)
89 Used 11 Free **100 Total**

ibranaugh-hp400 (D:)
89 Used 11 Free **100 Total**

REMOTE-TL (D:)
89 Used 11 Free **100 Total**

CA-CSIMPSON (E:)
89 Used 11 Free **100 Total**

KYLE-HP400 (D:)
89 Used 11 Free **100 Total**

1001westerfield-deskpc (D:)
88 Used 12 Free **100 Total**

CA-DWHITE01 (D:)
88 Used 12 Free **100 Total**

CA-VAL (C:)
88 Used 12 Free **100 Total**

KYLE-HP308 (D:)
88 Used 12 Free **100 Total**

FRNTCUSTSERVCUB (D:)
88 Used 12 Free **100 Total**

Top 10 Drive Free Space

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CA-VAL (D:)
3201 GB Free 1269 GB Used 4470 Total

CA-VAL (T:)
2865 GB Free 767 GB Used 3632 Total

CA-PRINTSVR (E:)
2789 GB Free 5 GB Used 2794 Total

FILESERVER1 (E:)
1751 GB Free 2907 GB Used 4658 Total

CA-GISSDE (G:)
1623 GB Free 284 GB Used 1907 Total

CA-GISSDE (D:)
1287 GB Free 4 GB Used 1291 Total

dwhiteacer (D:)
925 GB Free 7 GB Used 932 Total

gilesmsi (D:)
913 GB Free 1 GB Used 914 Total

KYLE-HP400 (C:)
842 GB Free 76 GB Used 918 Total

FRNTCUSTSERVCUB (C:)
840 GB Free 77 GB Used 917 Total

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Server Aging

Server Aging
(Number of months)

Oldest System — 116
Average System Age — 65
Newest System — 16
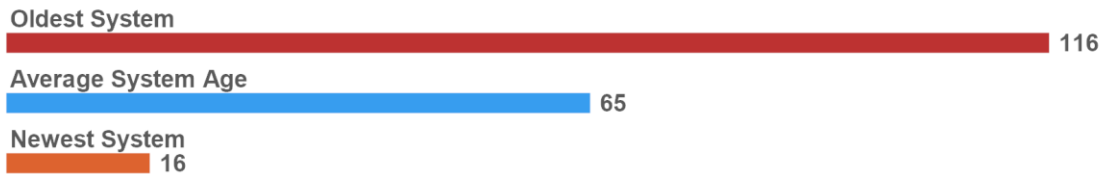
Workstation Aging

Workstation Aging
(Number of months)

Oldest System — 107
Average System Age — 33
Newest System — 12