

Network Detective

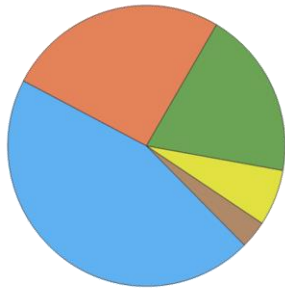
Prepared For:
Your Customer / Prospect
Prepared By:
Your Company Name

Agenda

- Environment
- Risk and Issue Score
- Issue Review
- Next Steps

Environment - Overview

Active Computers by Operating System (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 Support



Domain	
Domain Controllers	2
Number of Organizational Units	13
Users	
# Enabled	23
Last Login within 30 days	0
Last Login older than 30 days	23
# Disabled	1
Last Login within 30 days	0
Last Login older than 30 days	1
Security Group	
Groups with Users	78
# Total Groups	121
Computers in Domain	
Total Computers	38
Last Login within 30 days	36
Last Login older than 30 days	2

Environment - Patching

Computers with Missing Security Patches

<=3 Missing Security Updates



None



>3 Missing Security Updates

0

Missing Service Packs

0

Unable to Scan

0

Risk and Issue Score

Risk Score

CURRENT
97



Issue Score

Overall Weighted Issue Score



Issue Review

Unsupported operating systems (97 pts)

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.

-ACCOUNTING / / Windows 7 Professional
-CA-EXCHSVR / / Windows Server 2008 R2 Standard
-IRGIS / / Windows Server 2008 R2 Standard
-IRCAMA / / Windows Server 2008 R2 Standard
-CA-VAL / fe80::510c:b8a1:f979:e69a%12,176.16.19.229 / Windows Server 2008 R2 Standard
-MAPPINGSPAREHPP / / Windows 7 Professional
-KYLE-HP308 / fe80::30c7:725d:9703:996e%11,176.16.19.61 / Windows 7 Professional
-ibranaugh-hp400 / fe80::e8cd:a6c0:c33f:6686%11,176.16.19.15 / Windows 7 Professional
-RKNIGHT-DESKPC / fe80::9d63:c248:6617:303c%15,176.16.19.39 / Windows 7 Professional
-CA-AUTOMATE / fe80::e1:1cfe:77c7:f081%10,176.16.19.62 / Windows 7 Professional
-CA-GIS / fe80::e87d:551d:a0e8:4d54%14,176.16.19.127 / Windows Server 2008 R2 Standard
-CA-PRINTSVR / fe80::dde9:7211:4e7e:cc09%11,176.16.19.159 / Windows Server 2008 R2 Standard
-FILESERVER1 / fe80::b5e1:f812:7adc:52c4%10,176.16.19.148 / Windows Server 2008 R2 Standard
-FILESERVER2 / fe80::b957:c111:ed52:d7e1%10,176.16.19.121 / Windows Server 2008 R2 Standard

Issue Review

Anti-spyware not up to date (90 pts)

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.

-Computer: CA-VAL

IP Address: 176.16.19.229

Security Center: Windows Defender

Issue Review

Anti-virus not up to date (90 pts)

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.

-Computer: CA-VAL

IP Address: 176.16.19.229

Security Center: Windows Defender

Issue Review

Few Security patches missing on computers. (75 pts)

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.

-BRUCEHPZ230 / fe80::d9b8:475b:f9c3:2361%3,176.16.19.32 / Windows 10 Pro
-FRNTCUSTSERVCUB / fe80::5ddc:510a:a3ec:478f%10,176.16.19.66 / Windows 10 Pro
-KYLE-HP400 / fe80::80bb:fe3f:ae04:feb9%2,176.16.19.64 / Windows 10 Pro
-CA-CSIMPSON / fe80::2802:1a6a:fd9:726f%7,176.16.19.35 / Windows 10 Pro
-CA-DWHITE01 / fe80::7cd3:ac94:6a77:898e%11,176.16.19.30 / Windows 10 Pro
-REMOTE-TL / fe80::8c22:bd00:80e5:e0ad%5,176.16.19.100 / Windows 10 Pro
-SUSANHPUPGRD / fe80::20f9:9fef:618d:2dd2%6,176.16.19.87 / Windows 10 Pro
-1001westerfield-deskpc / fe80::e50e:653e:48fb:581a%10,176.16.19.36 / Windows 10 Pro
-dwhiteacer / fe80::9d3d:4961:e31f:604f%3,176.16.19.98 / Windows 10 Pro
-gilesmsi / fe80::91fb:c3ca:a191:371b%7,176.16.19.129 / Windows 10 Pro
-sketteringprodskhp / fe80::8c90:46f5:49f1:2d3a%5,176.16.19.101 / Windows 10 Pro

Issue Review

Potential disk space issue (68 pts)

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

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

-REMOTE-TL - E: : 0.06 GB free

-KYLE-HP400 - E: : 0.09 GB free

-sketteringprodkhp - E: : 0.06 GB free

-ibranaugh-hp400 - E: : 0.06 GB free

Issue Review

User password set to never expire (30 pts)

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.

- IRCPA.ORG\Administrator / Administrator
- IRCPA.ORG\ITSupport / Information System.
- IRCPA.ORG\IRKnight / Riley Knight
- IRCPA.ORG\SQLServerGIS / SQLServerGIS
- IRCPA.ORG\SQLSVRRun / SQLSVR Run
- IRCPA.ORG\TA01 / True Automation

Issue Review

Operating system in Extended Support (20 pts)

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.

-CA-IIS / / Windows Server 2012 R2 Standard

-CA-GISTEST / fe80::2169:f451:ed24:29af%13,176.16.19.68 / Windows Server 2012 R2 Standard

Issue Review

Inactive computers (15 pts)

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.

-4001WAYNEG-CA / 176.16.19.24 / Windows 10 Pro

-1001westerfield-deskpc / fe80::e50e:653e:48fb:581a%10,176.16.19.36 / Windows 10 Pro

Issue Review

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

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.

- WFRCMBR\$ / WFRCMBR\$
- Administrator / Administrator
- ASmith / Axel Smith
- BGodwin / Bruce Godwin
- CSimpson / Charlie Simpson
- DWhite / Daniel White
- GHarris / Giles Harris
- GIS / GIS
- IBranaugh / Ira Branaugh
- ITSupport / Information System.
- JShearing / James Shearing
- KSulu / Kyle Sulu
- MTalman / Millie Talman
- RKnight / Riley Knight
- Sales / Sales

First 15 of 23 displayed. See Management Plan for full list.

Issue Review

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.

- BRN001BA9F02883.IRCPA.ORG (176.16.19.13)
- 176.16.19.17
- 176.16.19.14
- 176.16.19.38
- NPIE0AD8C.IRCPA.ORG (176.16.19.48)
- BRN30055CA859DF.IRCPA.ORG (176.16.19.56)
- 176.16.19.53
- NPI811FE6.IRCPA.ORG (176.16.19.58)
- NPI3DCDB7.IRCPA.ORG (176.16.19.59)
- 176.16.19.95
- 176.16.19.99
- HPSCANNER (176.16.19.131)
- NPIB54250 (176.16.19.140)
- BRN30055C5D33E4 (176.16.19.178)
- BRN30055C7A1552 (176.16.19.214)

First 15 of 27 displayed. See Management Plan for full list.

Next Steps

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