

# Network Assessment

## Network Management Plan



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Prepared for:  
**Your Company**

Prepared by:  
**Solutions 4 IT**

## Management Plan

The Management Plan 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	<p>Upgrade or replace computers with operating systems that are no longer supported.</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> ISA1 / 192.168.1.6 / Windows Server 2003</li> <li><input type="checkbox"/> REMOTE / / Windows 2000 Server</li> </ul>	<b>H</b>	<b>H</b>
94	<p>To prevent both security and productivity issues, we strongly recommend ensuring that anti-virus is deployed to all possible endpoints.</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> HV02 / 192.168.1.123,192.168.1.121,192.168.1.122 / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> FILE2012-1 / 192.168.1.41 / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> CERTEXAM / fe80::1509:e668:f2a6:e2ea%12,192.168.6.5 / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> sourcesvrBUILD / fe80::55d4:f030:5179:3678%13,192.168.6.67 / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> sourcesvr / 192.168.1.16 / Windows Server 2012 Standard</li> <li><input type="checkbox"/> PS01 / 192.168.7.99 / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> VPNGW / fe80::5106:35a5:8930:9e7e%12,192.168.1.5,192.168.6.159 / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> PITWDS12 / 192.168.1.63,192.168.1.64 / Windows Server 2012 R2 Datacenter</li> <li><input type="checkbox"/> STORAGE12 / 192.168.1.65,192.168.1.67,192.168.1.66 / Windows Server 2012 R2 Datacenter</li> </ul>	<b>H</b>	<b>H</b>
94	<p>Assure that anti-spyware is deployed to all possible endpoints in order to prevent both security and productivity issues.</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> HV02 / 192.168.1.123,192.168.1.121,192.168.1.122 / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> FILE2012-1 / 192.168.1.41 / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> CERTEXAM /</li> </ul>	<b>H</b>	<b>H</b>

Risk Score	Recommendation	Severity	Probability
	fe80::1509:e668:f2a6:e2ea%12,192.168.6.5 / Windows Server 2012 R2 Standard <input type="checkbox"/> sourcesvrBUILD / fe80::55d4:f030:5179:3678%13,192.168.6.67 / Windows Server 2012 R2 Standard <input type="checkbox"/> sourcesvr / 192.168.1.16 / Windows Server 2012 Standard <input type="checkbox"/> PS01 / 192.168.7.99 / Windows Server 2012 R2 Standard <input type="checkbox"/> VPNGW / fe80::5106:35a5:8930:9e7e%12,192.168.1.5,192.168.6.159 / Windows Server 2012 R2 Standard <input type="checkbox"/> PITWDS12 / 192.168.1.63,192.168.1.64 / Windows Server 2012 R2 Datacenter <input type="checkbox"/> STORAGE12 / 192.168.1.65,192.168.1.67,192.168.1.66 / Windows Server 2012 R2 Datacenter		
<b>85</b>	Evaluate the risk, cost, and benefits of implementing a redundant Domain Controller.	<b>H</b>	<b>H</b>
<b>80</b>	Investigate all accounts with passwords set to never expire and configure them to expire regularly. <ul style="list-style-type: none"> <li><input type="checkbox"/> adminonly / admin only</li> <li><input type="checkbox"/> Administrator / Administrator</li> <li><input type="checkbox"/> ajameson / art jameson</li> <li><input type="checkbox"/> atorrence / abby torrence</li> <li><input type="checkbox"/> aborden / arnold borden</li> <li><input type="checkbox"/> ASPNET / ASPNET</li> <li><input type="checkbox"/> aadmin / Auvik Admin</li> <li><input type="checkbox"/> Backupacct / Backup acct</li> <li><input type="checkbox"/> bkirk / betty kirk</li> <li><input type="checkbox"/> boppenheimer / barney oppenheimer</li> <li><input type="checkbox"/> dfaithl / darren faithl</li> <li><input type="checkbox"/> dwade / darling wade</li> <li><input type="checkbox"/> dsimpson / derek simpson</li> <li><input type="checkbox"/> kmitchell / korin mitchell</li> <li><input type="checkbox"/> lockoutacct / lockoutacct</li> <li><input type="checkbox"/> mporche / marion porche</li> <li><input type="checkbox"/> mdonaldson / max donaldson</li> <li><input type="checkbox"/> mwinchester / max winchester</li> <li><input type="checkbox"/> mking / martin king</li> <li><input type="checkbox"/> mmichaels / martin michaels</li> <li><input type="checkbox"/> glee / nancy Lee</li> <li><input type="checkbox"/> NetScanner / Net Scanner - myco</li> <li><input type="checkbox"/> netedge / NETEDGE</li> <li><input type="checkbox"/> psolidad / porchanko solidad</li> <li><input type="checkbox"/> PsolidadRP / porchanko solidad - Roaming</li> <li><input type="checkbox"/> pab / pabsol</li> </ul>	<b>H</b>	<b>H</b>

Risk Score	Recommendation	Severity	Probability
	<input type="checkbox"/> pmaloney / pat maloney <input type="checkbox"/> Pkirk / pat kirk <input type="checkbox"/> support / myco Support Team <input type="checkbox"/> pfrancis / paul francis <input type="checkbox"/> pitad / pit ad <input type="checkbox"/> PKTest / Pkirk Test <input type="checkbox"/> Purchaseacct / Purchase acct <input type="checkbox"/> QBDataServiceacct19 / Quickbooks Service Account <input type="checkbox"/> screenlockout / screen lockout <input type="checkbox"/> SharePointSQL / SharePoint SQL <input type="checkbox"/> testbang / testbang <input type="checkbox"/> Tester / Tester <input type="checkbox"/> tsysco / tim sysco <input type="checkbox"/> tharold / tonya harold <input type="checkbox"/> wrogers / Will rogers <input type="checkbox"/> wpayne / webber payne <input type="checkbox"/> XX / XX		

## Medium Risk

Risk Score	Recommendation	Severity	Probability
<b>68</b>	Free or add additional disk space for the specified drives.  <input type="checkbox"/> REX - D : : 0.29 GB free <input type="checkbox"/> tywin-PC - Z : : 0.07 GB free <input type="checkbox"/> WAMPA - E : : 0.28 GB free <input type="checkbox"/> WAMPA - F : : 0.06 GB free	<b>H</b>	<b>L</b>

## Low Risk

Risk Score	Recommendation	Severity	Probability
<b>20</b>	Upgrade computers that have operating systems in Extended Support before end of life.  <input type="checkbox"/> b2b-GW / fe80::31d8:b72b:fab4:af25%15,192.168.6.44 / Windows 7 Enterprise <input type="checkbox"/> gordon-LT2 / fe80::899b:6b81:d2ea:3128%15,192.168.6.136 / Windows 7 Professional <input type="checkbox"/> QB01 / fe80::c96c:9b21:9265:d258%13,192.168.6.142 / Windows Server 2008 R2 Enterprise	<b>L</b>	<b>L</b>

Risk Score	Recommendation	Severity	Probability
	<ul style="list-style-type: none"> <li><input type="checkbox"/> STORAGE01 / 192.168.1.69 / Windows Server 2008 R2 Enterprise</li> </ul>		
15	<p>Investigate the list of inactive computers and determine if they should be removed from Active Directory, rejoined to the network, or powered on.</p>		
	<ul style="list-style-type: none"> <li><input type="checkbox"/> FINANCE / / Windows Server 2008 R2 Standard</li> <li><input type="checkbox"/> acct-PC23 / / Windows 7 Enterprise</li> <li><input type="checkbox"/> Psolidad-WIN7TEST / / Windows 7 Professional</li> <li><input type="checkbox"/> thanos-DT / / Windows 7 Professional</li> <li><input type="checkbox"/> Psolidad2 / / Windows 7 Enterprise</li> <li><input type="checkbox"/> appsvr30DEV / / Windows 2000 Server</li> <li><input type="checkbox"/> marketingG-1 / / Windows 7 Enterprise</li> <li><input type="checkbox"/> mwinchester-LT / / Windows 7 Enterprise</li> <li><input type="checkbox"/> appsvrPATCH / / Windows 2000 Server</li> <li><input type="checkbox"/> DEWWIKI / / Windows Server 2003</li> <li><input type="checkbox"/> myco-sfo-CORE / / Windows Server 2003</li> <li><input type="checkbox"/> HV01 / / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> DEV_2012-CORE / / Hyper-V Server 2012</li> <li><input type="checkbox"/> PABUILD / / Windows Server 2003</li> <li><input type="checkbox"/> JAGA / / Windows Server 2003</li> <li><input type="checkbox"/> Bkirk-WIN7 / / Windows 7 Enterprise</li> <li><input type="checkbox"/> RANCOR / / Windows 8 Enterprise</li> <li><input type="checkbox"/> TERMINUS / / Windows 8 Enterprise</li> <li><input type="checkbox"/> SDOOLAN-LT / / Windows 8 Enterprise</li> <li><input type="checkbox"/> SLOWE-WIN8 / / Windows 8 Enterprise</li> <li><input type="checkbox"/> KjamesonASUSPC / / Windows 8.1 Pro</li> <li><input type="checkbox"/> SHAREPOINT-01 / / Windows Server 2012 Datacenter</li> <li><input type="checkbox"/> SQL2012-01 / / Windows Server 2012 R2 Datacenter</li> <li><input type="checkbox"/> RDGATEWAY / / Windows Server 2012 R2 Datacenter</li> <li><input type="checkbox"/> ENTCERTS / / Windows Server 2012 R2 Datacenter</li> <li><input type="checkbox"/> Boppenheimer-DT / / Windows 8.1 Enterprise</li> <li><input type="checkbox"/> pilotROOTAUTH / / Windows Server 2012 R2 Datacenter</li> <li><input type="checkbox"/> FILE2012 / / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> File2012-HV / /</li> <li><input type="checkbox"/> BACKUP-01 / / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> Bkirk-Win81 / / Windows 8.1 Pro</li> <li><input type="checkbox"/> Mwest-PC / / Windows 8 Enterprise</li> <li><input type="checkbox"/> Ptrevor / / Windows 8.1 Enterprise</li> <li><input type="checkbox"/> workstation-DEV1 / / Windows 8 Pro</li> <li><input type="checkbox"/> long-PC / / Windows 10 Pro</li> <li><input type="checkbox"/> BO-SANDBOX / / Windows 7 Enterprise</li> <li><input type="checkbox"/> mwinchester-LT1 / / Windows 8.1 Pro</li> <li><input type="checkbox"/> DEVKASEYA / / Windows Server 2008 R2 Standard</li> <li><input type="checkbox"/> tomcat / / Windows 8 Enterprise</li> <li><input type="checkbox"/> QA-PC / / Windows 7 Professional</li> </ul>		

Risk Score	Recommendation	Severity	Probability
	<ul style="list-style-type: none"> <li><input type="checkbox"/> Atorrence-LT / / Windows 8.1 Pro</li> <li><input type="checkbox"/> DC1950 / / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> WIN10-1 / / Windows Technical Preview for Enterprise</li> <li><input type="checkbox"/> AMAZONROUTER / / Windows Server 2008 R2</li> </ul>		
	<p>Datacenter</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> RjonSON-PC / / Windows 8.1 Enterprise</li> <li><input type="checkbox"/> bordend / / Windows 8.1 Enterprise</li> <li><input type="checkbox"/> ZWIN7-140929 / / Windows 7 Enterprise</li> <li><input type="checkbox"/> xerox-mycoit / / Windows 8 Pro</li> <li><input type="checkbox"/> METRO / / Windows 8 Enterprise</li> <li><input type="checkbox"/> Jdangerfield-Win8 / / Windows 8.1 Pro</li> <li><input type="checkbox"/> SUPPORTDESK / / Windows 8 Enterprise</li> <li><input type="checkbox"/> MW-LAPTOP / / Windows 8.1 Pro with Media Center</li> <li><input type="checkbox"/> barney-WIN10 / / Windows 10 Pro Insider Preview</li> <li><input type="checkbox"/> APPASSURECORE / / Windows Server 2012 R2</li> </ul>		
	<p>Standard</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Mking / / Windows 8.1 Pro</li> <li><input type="checkbox"/> Mking1-PC / / Windows 8.1 Pro</li> <li><input type="checkbox"/> INCEPTION / / Windows 8 Enterprise</li> <li><input type="checkbox"/> STARGATE / / Windows 8 Enterprise</li> <li><input type="checkbox"/> WILL-PC / / Windows 8.1 Enterprise</li> <li><input type="checkbox"/> gordon-HP / / Windows 7 Professional</li> <li><input type="checkbox"/> derek-HP / / Windows 7 Professional</li> <li><input type="checkbox"/> SALES-HP / / Windows 7 Professional</li> <li><input type="checkbox"/> glee-PC / / Windows 8 Enterprise</li> <li><input type="checkbox"/> Bkirk-WIN10 / / Windows 10 Pro</li> <li><input type="checkbox"/> reporting / /</li> <li><input type="checkbox"/> NEST-HOST / / Windows Server 2016 Technical</li> </ul>		
	<p>Preview 3 Standard</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> W2K8R2-A / / Windows Server 2008 R2 Datacenter</li> <li><input type="checkbox"/> WIN10PREVIEW / / Windows 10 Pro Insider Preview</li> <li><input type="checkbox"/> Aborden-PC / / Windows 8.1 Pro</li> <li><input type="checkbox"/> SPICENM / / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> DfaithL-PC / / Windows 10 Pro</li> <li><input type="checkbox"/> Tsysco-LT / / Windows 10 Enterprise</li> <li><input type="checkbox"/> Jdrake-LT / / Windows 10 Pro</li> <li><input type="checkbox"/> CLOUDNMS / / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> HV01A / / Windows Server 2016 Technical Preview 3</li> <li><input type="checkbox"/> Tlsysco-PC / / Windows 8.1 Enterprise</li> <li><input type="checkbox"/> DESKTOP-IPBT45J / / Windows 10 Pro</li> <li><input type="checkbox"/> DESKTOP-CC9C4K9 / / Windows 10 Pro</li> <li><input type="checkbox"/> bestrrm / / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> betty-HP / / Windows 10 Pro</li> <li><input type="checkbox"/> DNORTON-LAPTOP / / Windows 10 Pro</li> <li><input type="checkbox"/> Tsysco-ACER / / Windows 10 Pro</li> <li><input type="checkbox"/> FSHV01 / / Windows Server 2012 R2 Standard</li> <li><input type="checkbox"/> MSI-LT-20160616 / / Windows 10 Pro</li> <li><input type="checkbox"/> pkirk1 / / Windows 10 Pro</li> </ul>		

Risk Score	Recommendation	Severity	Probability
	<ul style="list-style-type: none"> <li><input type="checkbox"/> PGK-W2K8R2-SIS / / Windows Server 2008 R2</li> </ul> <p>Datacenter</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> PMURRAY-PC / / Windows 10 Pro</li> <li><input type="checkbox"/> JIMSRESTRICTED / / Windows 7 Enterprise</li> <li><input type="checkbox"/> PS01 / 192.168.7.99 / Windows Server 2012 R2</li> </ul> <p>Standard</p>		
<p><b>13</b></p>	<p>Disable or remove user accounts for users that have not logged on to active directory in 30 days.</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> adminonly / admin only</li> <li><input type="checkbox"/> atorrence / abby torrence</li> <li><input type="checkbox"/> ASPNET / ASPNET</li> <li><input type="checkbox"/> Backupacct / Backup acct</li> <li><input type="checkbox"/> CORE\$ / CORE\$</li> <li><input type="checkbox"/> dsimpson / derek simpson</li> <li><input type="checkbox"/> dnorton / donald Norton</li> <li><input type="checkbox"/> DEV\$ / DEV\$</li> <li><input type="checkbox"/> helper / helper</li> <li><input type="checkbox"/> HQ\$ / HQ\$</li> <li><input type="checkbox"/> IUSR_DC02 / IUSR_DC02</li> <li><input type="checkbox"/> IUSR_STEINBRENNER / IUSR_STEINBRENNER</li> <li><input type="checkbox"/> IWAM_DC02 / IWAM_DC02</li> <li><input type="checkbox"/> IWAM_STEINBRENNER / IWAM_STEINBRENNER</li> <li><input type="checkbox"/> kglendall / Karl glendall</li> <li><input type="checkbox"/> kameson / korin jameson</li> <li><input type="checkbox"/> lockoutacct / lockoutacct</li> <li><input type="checkbox"/> mdonaldson / max donaldson</li> <li><input type="checkbox"/> NetScanner / Net Scanner - myco</li> <li><input type="checkbox"/> netedge / NETEDGE</li> <li><input type="checkbox"/> nacct / New acct</li> <li><input type="checkbox"/> PsolidadRP / porchanko solidad - Roaming</li> <li><input type="checkbox"/> pab / pabsol</li> <li><input type="checkbox"/> hr / myco HR</li> <li><input type="checkbox"/> partners / myco Managed Services Partners</li> <li><input type="checkbox"/> info / myco PR</li> <li><input type="checkbox"/> prsales / myco Sales</li> <li><input type="checkbox"/> support / myco Support Team</li> <li><input type="checkbox"/> pitad / pit ad</li> <li><input type="checkbox"/> PKTest / Pkirk Test</li> <li><input type="checkbox"/> Purchaseacct / Purchase acct</li> <li><input type="checkbox"/> QBDataServiceacct19 / Quickbooks Service Account</li> <li><input type="checkbox"/> screenlockout / screen lockout</li> <li><input type="checkbox"/> SharePointSQL / SharePoint SQL</li> <li><input type="checkbox"/> SUPPORT\$ / SUPPORT\$</li> <li><input type="checkbox"/> t1r / test1 reporting</li> <li><input type="checkbox"/> t2r / test2 reporting</li> <li><input type="checkbox"/> testbang / testbang</li> </ul>	<p><b>L</b></p>	<p><b>L</b></p>

Risk Score	Recommendation	Severity	Probability
	<ul style="list-style-type: none"> <li><input type="checkbox"/> Tester / Tester</li> <li><input type="checkbox"/> XX / XX</li> <li><input type="checkbox"/> !m / !me</li> </ul>		
10	<p>Remove or populate empty organizational units.</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Firewall / OU=Firewall,DC=Corp,DC=myco,DC=com</li> </ul>	L	L
10	<p>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.</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 192.168.0.2</li> <li><input type="checkbox"/> 192.168.0.3</li> <li><input type="checkbox"/> 192.168.0.1</li> <li><input type="checkbox"/> myco-bdr (192.168.1.50)</li> <li><input type="checkbox"/> 192.168.1.52</li> <li><input type="checkbox"/> 192.168.1.51</li> <li><input type="checkbox"/> 192.168.1.24</li> <li><input type="checkbox"/> 192.168.1.1</li> <li><input type="checkbox"/> BRN30055C36B0DA (192.168.1.244)</li> <li><input type="checkbox"/> 192.168.1.245</li> <li><input type="checkbox"/> 192.168.1.204</li> <li><input type="checkbox"/> 192.168.1.205</li> <li><input type="checkbox"/> 192.168.1.203</li> <li><input type="checkbox"/> 192.168.1.201</li> <li><input type="checkbox"/> 192.168.1.202</li> <li><input type="checkbox"/> 192.168.5.1</li> <li><input type="checkbox"/> 192.168.6.49</li> <li><input type="checkbox"/> EX6200.CORP.myco.COM (192.168.6.128)</li> <li><input type="checkbox"/> ISA1.CORP.myco.COM (192.168.1.6)</li> <li><input type="checkbox"/> ISA1.CORP.myco.COM (192.168.6.117)</li> </ul>	L	L