



HIPAA Vulnerabilities Assessment Report

Report Generated: December 14, 2015

1 Background

The Health Insurance Portability and Accountability Act (HIPAA) mandates that organizations conduct assessment of potential risks and vulnerabilities to systems that maintain electronic protected health information (ePHI) data, and implement security measures sufficient to reduce risks and vulnerabilities to that data. The focus of the Security Rule in HIPAA focuses on administrative, technical and physical safeguards specifically as they relate to ePHI. Two key principals in the security management process are Risk Analysis and Risk Management:

Risk Analysis: 164.308(a)(1)(ii)(A) R - Conduct an accurate and thorough assessment of the potential risks and vulnerabilities to the confidentiality, integrity, and availability of electronic Protected Health Information (ePHI) held by the covered entity.

Risk Management: 164.308(a)(1)(ii)(B) R - Implement security measures sufficient to reduce risks and vulnerabilities to a reasonable and appropriate level to comply with *164.306(a)

Also, as stated in the DRAFT **HIPAA Security Standards: Guidance on Risk Analysis**, dated May 7, 2010,

*Organizations must identify and document reasonably anticipated threats to e-PHI. (See 45 C.F.R. **164.306(a)(2) and 164.316(b)(1)(ii).) Organizations may identify different threats that are unique to the circumstances of their environment. Organizations **must also identify and document vulnerabilities** which, if triggered or exploited by a threat, would create a risk of inappropriate access to or disclosure of e-PHI. (See 45 C.F.R. **164.308(a)(1)(ii)(A) and 164.316(b)(1)(ii).)*

The following report provides the results of a vulnerability scan of the target resources, as of the effective date shown above. This information is provided to assist IT managers and content owners in the on-going analysis of vulnerabilities in the target environment, and to facilitate decision making and corrective actions required to reduce risks to information and system resources in compliance with HIPAA.

2 Introduction

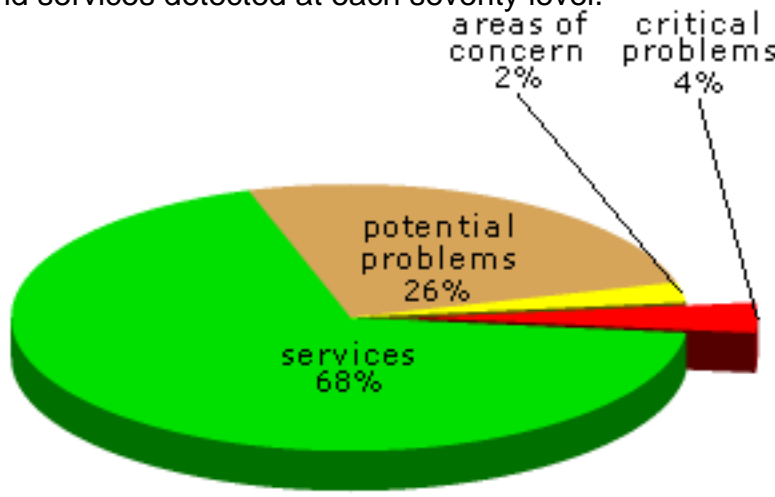
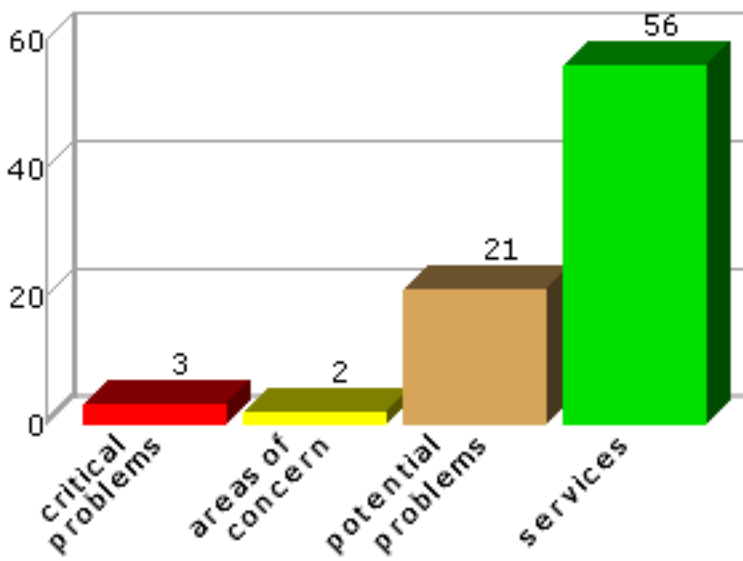
On December 14, 2015, at 12:40 PM, a HIPAA assessment was conducted using the SAINT 8.9.28 vulnerability scanner. The scan discovered a total of three live hosts, and detected three critical problems, two areas of concern, and 21 potential problems. The hosts and problems detected are discussed in greater detail in the following sections.

3 Summary

The sections below summarize the results of the scan.

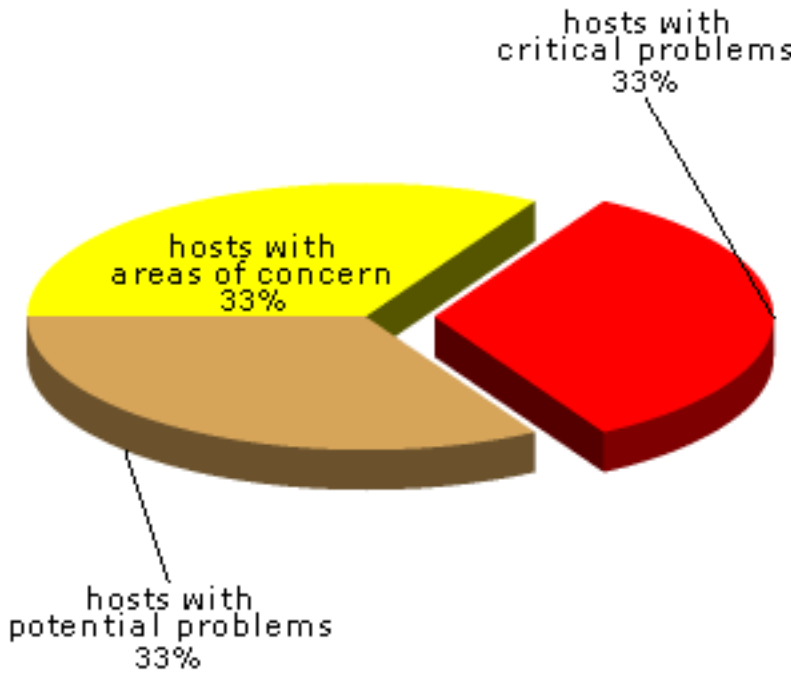
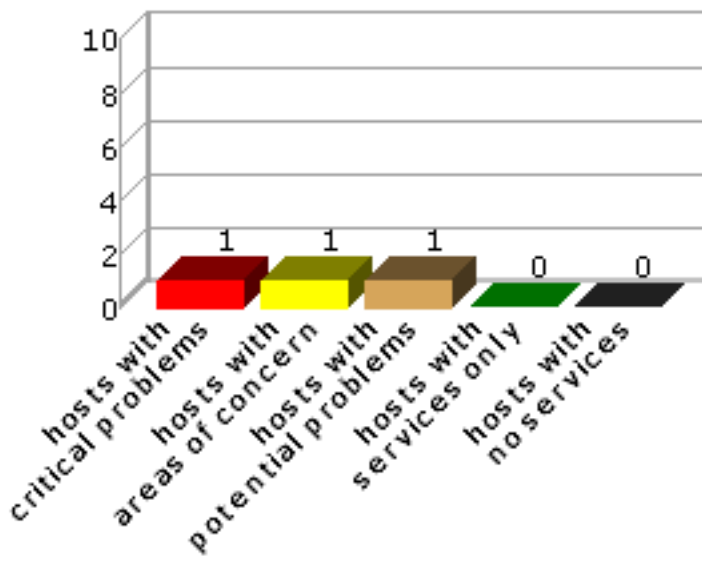
3.1 Vulnerabilities by Severity

This section shows the overall number of vulnerabilities and services detected at each severity level.



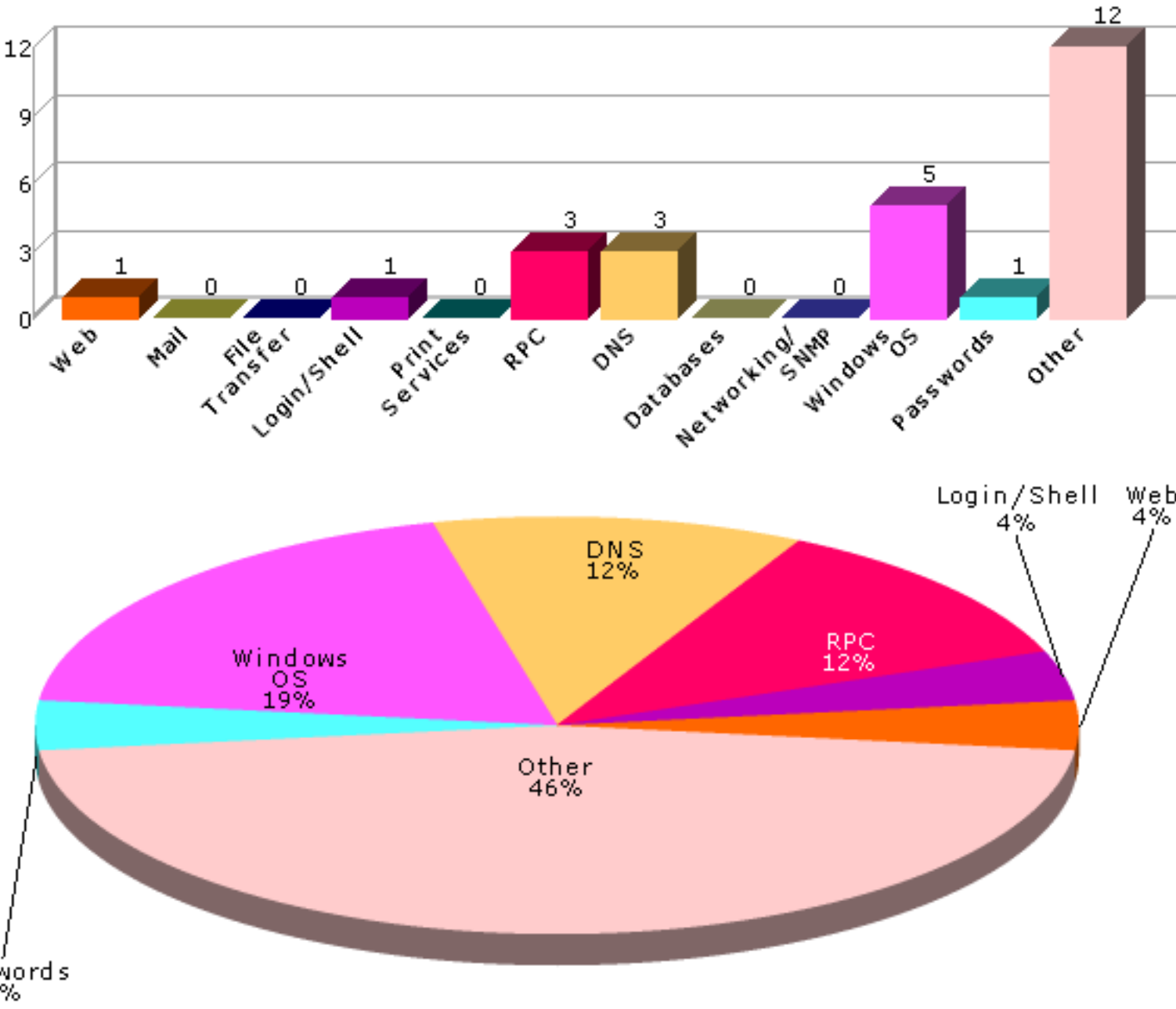
3.2 Hosts by Severity

This section shows the overall number of hosts detected at each severity level. The severity level of a host is defined as the highest vulnerability severity level detected on that host.



3.3 Vulnerabilities by Class

This section shows the number of vulnerabilities detected in each vulnerability class.



4 Overview

The following tables present an overview of the hosts discovered on the network and the vulnerabilities contained therein.

4.1 Host List

This table presents an overview of the hosts discovered on the network.

| Host Name | Netbios Name | IP Address | Host Type | Critical Problems | Areas of Concern | Potential Problems |
|---------------------------------|-----------------|------------|------------------------|-------------------|------------------|--------------------|
| saintlab02.sainttest.local | | 10.8.0.2 | Cisco IOS 11.3 | 0 | 0 | 4 |
| xpprounpatched.sainttest.local | XPPROUNPATCHED | 10.8.0.14 | Windows 2000 SP4 | 3 | 0 | 4 |
| win-iqf3u12cja5.sainttest.local | WIN-IQF3U12CJA5 | 10.8.0.150 | Windows Server 2008 R2 | 0 | 2 | 13 |

4.2 Vulnerability List

This table presents an overview of the vulnerabilities detected on the network.

| Host Name | Port | Severity | Vulnerability / Service | Class | CVE | Max. CVSSv2 Base Score |
|--------------------------------|-----------|-----------|--|-------------|--|------------------------|
| saintlab02.sainttest.local | | potential | ICMP timestamp requests enabled | Other | CVE-1999-0524 | 0.0 |
| saintlab02.sainttest.local | 80 /tcp | potential | web server uses cleartext HTTP Basic authentication (/) | Web | | 2.6 |
| saintlab02.sainttest.local | 80 /tcp | potential | Remote OS available | Other | | 2.6 |
| saintlab02.sainttest.local | 23 /tcp | potential | telnet receives cleartext passwords | Login/Shell | | 2.6 |
| saintlab02.sainttest.local | 23 /tcp | service | Telnet | | | |
| saintlab02.sainttest.local | 80 /tcp | service | WWW | | | |
| saintlab02.sainttest.local | 67 /udp | service | bootps (67/UDP) | | | |
| xpprounpatched.sainttest.local | 139 /tcp | critical | Windows account guest has no password | Passwords | CVE-1999-0504 CVE-1999-0506 | 7.5 |
| xpprounpatched.sainttest.local | 3389 | critical | Microsoft Remote Desktop Protocol Remote Code Execution Vulnerability (MS12-020) | Windows OS | CVE-2012-0002 CVE-2012-0152 | 9.3 |
| xpprounpatched.sainttest.local | | critical | Guest account is possible sign of worm (Nimda) | Other | | 10.0 |
| xpprounpatched.sainttest.local | | potential | ICMP timestamp requests enabled | Other | CVE-1999-0524 | 0.0 |
| xpprounpatched.sainttest.local | 3389 /tcp | potential | Possible vulnerability in Microsoft Terminal Server | Other | CVE-2000-1149 CVE-2001-0663 CVE-2001-0716 CVE-2002-0863 CVE-2002-0864 CVE-2005-1218 | 7.5 |
| xpprounpatched.sainttest.local | 3389 | potential | Microsoft Terminal Server allows weak encryption | Other | | 2.6 |

| | | | | | | |
|---------------------------------|-----------|-----------|---|------------|--|------|
| xpprounpatched.sainttest.local | 139 /tcp | potential | SMB digital signing is disabled | Windows OS | | 2.6 |
| xpprounpatched.sainttest.local | 1026 /udp | service | 1026/UDP | | | |
| xpprounpatched.sainttest.local | 139 /tcp | service | SMB | | | |
| xpprounpatched.sainttest.local | 80 /tcp | service | WWW | | | |
| xpprounpatched.sainttest.local | 1025 /udp | service | blackjack (1025/UDP) | | | |
| xpprounpatched.sainttest.local | 135 /tcp | service | epmap (135/TCP) | | | |
| xpprounpatched.sainttest.local | 500 /udp | service | isakmp (500/UDP) | | | |
| xpprounpatched.sainttest.local | 445 /tcp | service | microsoft-ds (445/TCP) | | | |
| xpprounpatched.sainttest.local | 445 /udp | service | microsoft-ds (445/UDP) | | | |
| xpprounpatched.sainttest.local | 3389 /tcp | service | ms-wbt-server (3389/TCP) | | | |
| xpprounpatched.sainttest.local | 138 /udp | service | netbios-dgm (138/UDP) | | | |
| xpprounpatched.sainttest.local | 137 /udp | service | netbios-ns (137/UDP) | | | |
| xpprounpatched.sainttest.local | 123 /udp | service | ntp (123/UDP) | | | |
| xpprounpatched.sainttest.local | 1900 /udp | service | ssdp (1900/UDP) | | | |
| win-iqf3u12cja5.sainttest.local | | concern | DNS server allows zone transfers | DNS | CVE-1999-0532 | 0.0 |
| win-iqf3u12cja5.sainttest.local | 1048 /tcp | concern | NFS export list disclosure | RPC | | 2.6 |
| win-iqf3u12cja5.sainttest.local | 389 /tcp | potential | Possible buffer overflow in Active Directory | Windows OS | | 2.6 |
| win-iqf3u12cja5.sainttest.local | 139 /tcp | potential | AV Information: Anti-virus software is not installed or its presence could not be checked | Other | | 2.6 |
| win-iqf3u12cja5.sainttest.local | 53 /tcp | potential | DNS server allows recursive queries | DNS | | 2.6 |
| win-iqf3u12cja5.sainttest.local | | potential | ICMP timestamp requests enabled | Other | CVE-1999-0524 | 0.0 |
| win-iqf3u12cja5.sainttest.local | 389 /tcp | potential | Is your LDAP secure? | Other | | 2.6 |
| win-iqf3u12cja5.sainttest.local | 139 /tcp | potential | Windows null session domain SID disclosure | Windows OS | CVE-2000-1200 | 5.0 |
| win-iqf3u12cja5.sainttest.local | 139 /tcp | potential | Windows null session host SID disclosure | Windows OS | | 2.6 |
| win-iqf3u12cja5.sainttest.local | 3389 | potential | Microsoft Terminal Server allows weak encryption | Other | | 2.6 |
| win-iqf3u12cja5.sainttest.local | 1039 /tcp | potential | rpc.statd is enabled and may be vulnerable | RPC | CVE-1999-0018 CVE-1999-0019 CVE-1999-0210 CVE-1999-0493 CVE-2000-0666 CVE-2000-0800 | 10.0 |
| win-iqf3u12cja5.sainttest.local | 111 /tcp | potential | The sunrpc portmapper service is running | Other | CVE-1999-0632 | 0.0 |
| win-iqf3u12cja5.sainttest.local | 111 /tcp | potential | sunrpc services may be vulnerable | RPC | CVE-2002-0391 CVE-2003-0028 | 10.0 |

| | | | | | | |
|---------------------------------|--------------|-----------|---|-------|-------------------------------|------|
| win-iqf3u12cja5.sainttest.local | 1030 /tcp | potential | TCP timestamp requests enabled | Other | | 2.6 |
| win-iqf3u12cja5.sainttest.local | 135 /tcp | potential | Windows DNS Server RPC Management Interface Buffer Overflow | DNS | CVE-2007-1748 | 10.0 |
| win-iqf3u12cja5.sainttest.local | 1026 /tcp | service | 1026/TCP | | | |
| win-iqf3u12cja5.sainttest.local | 1027 /tcp | service | 1027/TCP | | | |
| win-iqf3u12cja5.sainttest.local | 1029 /tcp | service | 1029/TCP | | | |
| win-iqf3u12cja5.sainttest.local | 1033 /tcp | service | 1033/TCP | | | |
| win-iqf3u12cja5.sainttest.local | 1039 /tcp | service | 1039/TCP | | | |
| win-iqf3u12cja5.sainttest.local | 1044 /tcp | service | 1044/TCP | | | |
| win-iqf3u12cja5.sainttest.local | 9389 /tcp | service | 9389/TCP | | | |
| win-iqf3u12cja5.sainttest.local | 53 /tcp | service | DNS | | | |
| win-iqf3u12cja5.sainttest.local | | service | NFS | | | |
| win-iqf3u12cja5.sainttest.local | 139 /tcp | service | SMB | | | |
| win-iqf3u12cja5.sainttest.local | 80 /tcp | service | WWW | | | |
| win-iqf3u12cja5.sainttest.local | 443 /tcp | service | WWW (Secure) | | | |
| win-iqf3u12cja5.sainttest.local | 5985 /tcp | service | WWW (non-standard port 5985) | | | |
| win-iqf3u12cja5.sainttest.local | 8059 /tcp | service | WWW (non-standard port 8059) | | | |
| win-iqf3u12cja5.sainttest.local | 8082 /tcp | service | WWW (non-standard port 8082) | | | |
| win-iqf3u12cja5.sainttest.local | 1025 /tcp | service | blackjack (1025/TCP) | | | |
| win-iqf3u12cja5.sainttest.local | 1050 /tcp | service | cma (1050/TCP) | | | |
| win-iqf3u12cja5.sainttest.local | 53 /udp | service | domain (53/UDP) | | | |
| win-iqf3u12cja5.sainttest.local | 135 /tcp | service | epmap (135/TCP) | | | |
| win-iqf3u12cja5.sainttest.local | 593 /tcp | service | http-rpc-epmap (593/TCP) | | | |
| win-iqf3u12cja5.sainttest.local | 1030 /tcp | service | iad1 (1030/TCP) | | | |
| win-iqf3u12cja5.sainttest.local | 1031 /tcp | service | iad2 (1031/TCP) | | | |
| win-iqf3u12cja5.sainttest.local | 3260 /tcp | service | iscsi-target (3260/TCP) | | | |
| win-iqf3u12cja5.sainttest.local | 88 /tcp | service | kerberos (88/TCP) | | | |
| win-iqf3u12cja5.sainttest.local | 464 /tcp | service | kpasswd (464/TCP) | | | |
| win-iqf3u12cja5.sainttest.local | 389 /tcp | service | ldap (389/TCP) | | | |
| win-iqf3u12cja5.sainttest.local | 4345 /tcp | service | m4-network-as (4345/TCP) | | | |

| | | | |
|---------------------------------|--------------|---------|---|
| win-iqf3u12cja5.sainttest.local | 445 /tcp | service | microsoft-ds (445/TCP) |
| win-iqf3u12cja5.sainttest.local | 3389 /tcp | service | ms-wbt-server (3389/TCP) |
| win-iqf3u12cja5.sainttest.local | 3268 /tcp | service | msft-gc (3268/TCP) |
| win-iqf3u12cja5.sainttest.local | 3269 /tcp | service | msft-gc-ssl (3269/TCP) |
| win-iqf3u12cja5.sainttest.local | 1047 /tcp | service | neod1 (1047/TCP) |
| win-iqf3u12cja5.sainttest.local | 1048 /tcp | service | neod2 (1048/TCP) |
| win-iqf3u12cja5.sainttest.local | 137 /udp | service | netbios-ns (137/UDP) |
| win-iqf3u12cja5.sainttest.local | 1092 /tcp | service | obrpd (1092/TCP) |
| win-iqf3u12cja5.sainttest.local | 1093 /tcp | service | proofd (1093/TCP) |
| win-iqf3u12cja5.sainttest.local | 2049 /tcp | service | shilp (2049/TCP) |
| win-iqf3u12cja5.sainttest.local | 636 /tcp | service | ssl-ldap (636/TCP) |
| win-iqf3u12cja5.sainttest.local | 111 /tcp | service | sunrpc (111/TCP) |
| win-iqf3u12cja5.sainttest.local | 4343 /tcp | service | unicall (4343/TCP) |
| win-iqf3u12cja5.sainttest.local | 139 /tcp | info | Netbios Attribute: Domain Controller |
| win-iqf3u12cja5.sainttest.local | 139 /tcp | info | Netbios Attribute: Master Browser |
| win-iqf3u12cja5.sainttest.local | 139 /tcp | info | Netbios Attribute: Primary Domain Controller |
| win-iqf3u12cja5.sainttest.local | 139 /tcp | info | OS=[Windows Server 2008 R2 Enterprise 7600] Server=[Windows Server 2008 R2 Enterprise 6.1] |
| win-iqf3u12cja5.sainttest.local | 111 /tcp | info | RPC service: 100000-2 portmapper (111/TCP) |
| win-iqf3u12cja5.sainttest.local | 111 /tcp | info | RPC service: 100000-2 portmapper (111/UDP) |
| win-iqf3u12cja5.sainttest.local | 111 /tcp | info | RPC service: 100000-3 portmapper (111/TCP) |
| win-iqf3u12cja5.sainttest.local | 111 /tcp | info | RPC service: 100000-3 portmapper (111/UDP) |
| win-iqf3u12cja5.sainttest.local | 111 /tcp | info | RPC service: 100000-4 portmapper (111/TCP) |
| win-iqf3u12cja5.sainttest.local | 111 /tcp | info | RPC service: 100000-4 portmapper (111/UDP) |
| win-iqf3u12cja5.sainttest.local | 111 /tcp | info | RPC service: 100003-2 nfs (2049/TCP) |
| win-iqf3u12cja5.sainttest.local | 111 /tcp | info | RPC service: 100003-2 nfs (2049/UDP) |
| win-iqf3u12cja5.sainttest.local | 111 /tcp | info | RPC service: 100003-3 nfs (2049/TCP) |
| win-iqf3u12cja5.sainttest.local | 111 /tcp | info | RPC service: 100003-3 nfs (2049/UDP) |
| win-iqf3u12cja5.sainttest.local | 111 /tcp | info | RPC service: 100005-1 mountd (1048/TCP) |

| | | | |
|---------------------------------|-----|------|--|
| win-iqf3u12cja5.sainttest.local | 111 | info | RPC service: 100005-1 mountd (1048/UDP) |
| win-iqf3u12cja5.sainttest.local | 111 | info | RPC service: 100005-2 mountd (1048/TCP) |
| win-iqf3u12cja5.sainttest.local | 111 | info | RPC service: 100005-2 mountd (1048/UDP) |
| win-iqf3u12cja5.sainttest.local | 111 | info | RPC service: 100005-3 mountd (1048/TCP) |
| win-iqf3u12cja5.sainttest.local | 111 | info | RPC service: 100005-3 mountd (1048/UDP) |
| win-iqf3u12cja5.sainttest.local | 111 | info | RPC service: 100021-1 nlockmgr (1047/TCP) |
| win-iqf3u12cja5.sainttest.local | 111 | info | RPC service: 100021-1 nlockmgr (1047/UDP) |
| win-iqf3u12cja5.sainttest.local | 111 | info | RPC service: 100021-2 nlockmgr (1047/TCP) |
| win-iqf3u12cja5.sainttest.local | 111 | info | RPC service: 100021-2 nlockmgr (1047/UDP) |
| win-iqf3u12cja5.sainttest.local | 111 | info | RPC service: 100021-3 nlockmgr (1047/TCP) |
| win-iqf3u12cja5.sainttest.local | 111 | info | RPC service: 100021-3 nlockmgr (1047/UDP) |
| win-iqf3u12cja5.sainttest.local | 111 | info | RPC service: 100021-4 nlockmgr (1047/TCP) |
| win-iqf3u12cja5.sainttest.local | 111 | info | RPC service: 100021-4 nlockmgr (1047/UDP) |
| win-iqf3u12cja5.sainttest.local | 111 | info | RPC service: 100024-1 status (1039/TCP) |
| win-iqf3u12cja5.sainttest.local | 111 | info | RPC service: 100024-1 status (1039/UDP) |

5 Details

The following sections provide details on the specific vulnerabilities detected on each host.

5.1 saintlab02.sainttest.local

IP Address: 10.8.0.2

Host type: Cisco IOS 11.3

Scan time: Dec 14 12:40:30 2015

ICMP timestamp requests enabled

Severity: Potential Problem

CVE: CVE-1999-0524

Impact

A remote attacker could obtain sensitive information about the network.

Resolution

Configure the system or firewall not to allow ICMP timestamp requests (message type 13) or ICMP netmask requests (message type 17). Instructions for doing this on specific platforms are as follows:

Windows:

Block these message types using the Windows firewall as described in [Microsoft TechNet](#).

Linux:

Use ipchains or iptables to filter ICMP netmask requests using the command:

```
ipchains -A input -p icmp --icmp-type address-mask-request -j DROP
```

Use ipchains or iptables to filter ICMP timestamp requests using the commands:

```
ipchains -A input -p icmp --icmp-type timestamp-request -j DROP
ipchains -A output -p icmp --icmp-type timestamp-reply -j DROP
```

To ensure that this change persists after the system reboots, put the above command into the system's boot-up script (typically `/etc/rc.local`).

Cisco:

Block ICMP message types 13 and 17 as follows:

```
deny icmp any any 13
deny icmp any any 17
```

Where can I read more about this?

For more information about ICMP, see [RFC792](#).

Technical Details

Service: icmp
timestamp=8061d611

web server uses cleartext HTTP Basic authentication (/)

Severity: Potential Problem

Impact

Poor authentication practices may leave the web application vulnerable to authentication attacks.

Resolution

To use HTML form-based authentication more securely in web applications, do the following:

- Remove the `value` attribute from the `INPUT` tag corresponding to the password field.
- Submit all forms to an SSL-enabled (`https`) service using the form's `action` attribute.
- Place all protected web directories on an SSL-enabled (`https`) service.
- Use the `autocomplete="off"` attribute in the `INPUT` tag corresponding to the password field.
- Use the `POST` method to submit forms containing passwords.

Where can I read more about this?

Additional information on the `INPUT` element is in the HTML 4.01 Specification, [Section 17.4](#).

For more information on HTTPS, see [whatism.com](#).

For more information on the autocomplete feature in HTML, see [HTML Code Tutorial](#).

Technical Details

Service: http
Received:
WWW-Authenticate: Basic realm="level_15_access"

Remote OS available

Severity: Potential Problem

Impact

The ability to detect which operating system is running on a machine enables attackers to be more accurate in attacks.

Resolution

Including the operating system in service banners is usually unnecessary. Therefore, change the banners of the services which are running on accessible ports. This can be done by disabling unneeded services, modifying the banner in a service's source code or configuration file if possible, or using TCP wrappers to modify the banner as described in the [Red Hat Knowledgebase](#).

Where can I read more about this?

An example of ways to remove the Remote OS and other information is at [my digital life](#).

Technical Details

Service: http
Received:
Server: cisco-IOS

telnet receives cleartext passwords

Severity: Potential Problem

Impact

Passwords could be stolen if an attacker is able to capture network traffic to and from the telnet server.

Resolution

Disable the telnet service and use a more secure protocol such as SSH to access the computer remotely. If telnet cannot be disabled, restrict access using iptables or TCP Wrappers such that only addresses on a local, trusted network can connect.

Where can I read more about this?

For more information, see [Protocols - The Problem With Cleartext](#).

Technical Details

Service: telnet
telnet service is enabled

Telnet

Severity: Service

Technical Details

WWW

Severity: Service

Technical Details

HTTP/1.1 401 Unauthorized
Date: Mon, 19 Jul 1993 01:41:36 GMT
Server: cisco-IOS
Accept-Ranges: none
WWW-Authenticate: Basic realm="level_15_access"
401

bootps (67/UDP)

Severity: Service

Technical Details

5.2 xpprounpatched.sainttest.local

IP Address: 10.8.0.14

Scan time: Dec 14 12:40:30 2015

Host type: Windows 2000 SP4

Netbios Name: XPPROUNPATCHED

Windows account guest has no password

Severity: Critical Problem

CVE: CVE-1999-0504 CVE-1999-0506

Impact

An attacker who is able to guess the password to a user account could gain shell access to the system with the privileges of the user. From there it is often trivial to gain complete control of the system.

Resolution

Protect all accounts with a password that cannot be guessed. Require users to choose passwords which are eight characters long, including numeric and non-alphanumeric characters, and which are not based on the login name or any other personal information about the user. Enforce this policy using a utility such as [npasswd](#) in place of the default UNIX `passwd` program. Check the strength of all account passwords periodically using a password cracking utility such as [Crack](#) for Unix.

For Cisco 2700 Series Wireless Location Appliance, change the password or mitigate as described in [cisco-air-20061013-wla](#).

Where can I read more about this?

Walter Belgers' paper, [UNIX password security](#), is a good reference on strengthening passwords.

The Cisco 2700 Series WLA default password was described in [cisco-sa-2006-1012-wla](#) and [Bugtraq ID](#)

20490.

The IBM Totalstorage DS400 default password was posted to [Full Disclosure](#).

Technical Details

Service: netbios-ssn
guest:(empty)

Microsoft Remote Desktop Protocol Remote Code Execution Vulnerability (MS12-020)

Severity: Critical Problem

CVE: CVE-2012-0002 CVE-2012-0152

Impact

The absence of critical updates leads to the potential for denial of service or unauthorized access by attackers or malicious web sites.

The Problems and Resolutions

One or more of the following security updates is not installed on the target system. The resolution is to install the needed updates. This can be done either by following the links in the table, or by visiting the [Windows Update](#) service which will automatically determine which updates are needed for your system and help you install them. It is a good idea to make a backup of the system before installing an update, especially for service packs. After the system has been brought up to date, check Microsoft's web site regularly for new critical updates.

Note: The links below apply to the standard editions of Windows operating systems. If you are using a Terminal Server edition, a 64-bit edition, or a non-Intel edition which is not listed, consult the corresponding Microsoft Security Bulletins for patch information.

| Update Name | Description | Fix | Bulletin |
|---|--|--|------------------------|
| MS Remote Desktop Could Allow Remote Code Execution Vulnerabilities | Fixed Remote Code Execution Vulnerabilities in the Remote Desktop Protocol. If exploited, an attacker could run arbitrary code on the target system, then install programs; view, change, or delete data; or create new accounts with full user rights. (CVE 2012-0002 , CVE 2012-0152) | KB2621440 and KB2621402 XP: 32-bit, 64-bit 2003: 32-bit, 64-bit, Itanium Vista: 32-bit, 64-bit 2008: 32-bit, 64-bit, Itanium 2008 R2: 64-bit(1), 64-bit(2), Itanium(1), Itanium(2) Win 7: 32-bit(1), 32-bit(2), 64-bit(1), 64-bit(2) | 12-020 |

Where can I read more about this?

For more information on critical updates, see the Windows critical update pages which are available for [Windows XP](#), [Windows Vista](#), [Windows Server 2003](#), [Windows 7](#), [Windows Server 2008](#) and [Windows](#)

Server 2008 R2, [Windows 8.1](#), [Windows 10](#), and [Windows Server 2012 and Windows Server 2012 R2](#).

Technical Details

Service: 3389

rdp server allows connect to unfreed channels. No error code at byte eight.

Guest account is possible sign of worm (Nimda)

Severity: Critical Problem

Impact

There is evidence that the system has been penetrated by an Internet worm. Files or system information may have been transmitted to remote parties, unauthorized file modifications may have taken place, and backdoors allowing unauthorized access may be present. Furthermore, it is likely that the system is being used as a potential launching point for further propagation of the worm across the network.

Resolution

The paragraphs below explain how to remove a worm from an infected system. However, removal of the worm does not solve the problem at its roots. The presence of the worm is evidence that a critical vulnerability exists on the host. The system should be taken offline until it is certain that the vulnerable services are upgraded to the latest, patched versions.

Since the **Nimda** worm makes extensive changes to the system, an entire infected system should be deleted and reinstalled. Be sure to install all necessary patches before re-connecting the machine to the network. See Microsoft Security Bulletins [01-020](#), [01-027](#), and [01-044](#).

Where can I read more about this?

The Nimda worm was reported in [CERT Advisory 2001-26](#) and [CIRC Bulletin L-144](#).

More information on Nimda.E is available from [Symantec](#).

For general information about worms and how they differ from viruses, see the [Symantec AntiVirus Research Center](#).

Technical Details

Service: backdoor

ICMP timestamp requests enabled

Severity: Potential Problem

CVE: CVE-1999-0524

Impact

A remote attacker could obtain sensitive information about the network.

Resolution

Configure the system or firewall not to allow ICMP timestamp requests (message type 13) or ICMP netmask requests (message type 17). Instructions for doing this on specific platforms are as follows:

Windows:

Block these message types using the Windows firewall as described in [Microsoft TechNet](#).

Linux:

Use ipchains or iptables to filter ICMP netmask requests using the command:

```
ipchains -A input -p icmp --icmp-type address-mask-request -j DROP
```

Use ipchains or iptables to filter ICMP timestamp requests using the commands:

```
ipchains -A input -p icmp --icmp-type timestamp-request -j DROP
ipchains -A output -p icmp --icmp-type timestamp-reply -j DROP
```

To ensure that this change persists after the system reboots, put the above command into the system's boot-up script (typically `/etc/rc.local`).

Cisco:

Block ICMP message types 13 and 17 as follows:

```
deny icmp any any 13
deny icmp any any 17
```

Where can I read more about this?

For more information about ICMP, see [RFC792](#).

Technical Details

```
Service: icmp
timestamp=0a8ac103
```

Possible vulnerability in Microsoft Terminal Server

Severity: Potential Problem

CVE: CVE-2000-1149 CVE-2001-0663
 CVE-2001-0716 CVE-2002-0863
 CVE-2002-0864 CVE-2005-1218

Impact

Vulnerabilities in Microsoft Windows Terminal Server and Remote Desktop could allow a remote attacker to execute arbitrary code or crash the server, or could allow an attacker who is able to capture network traffic to decrypt sessions.

Resolution

There is no fix available to protect against the man-in-the-middle attack. Therefore, Terminal Services should only be used on trusted networks.

For Windows NT 4.0 Terminal Server Edition, apply the patches referenced in Microsoft Security Bulletins [00-087](#) and [01-052](#). There is no fix available for the denial of service vulnerability on Windows NT.

For Windows 2000, apply the patches referenced in Microsoft Security Bulletins [01-052](#), [02-051](#), and [05-041](#).

For Windows XP, apply the patches referenced in Microsoft Security Bulletins [02-051](#) and [05-041](#).

For Windows Server 2003, apply the patch referenced in Microsoft Security Bulletin [05-041](#).

For Citrix MetaFrame, download a hotfix from the [Citrix Solution Knowledge Base](#), under *Hotfixes*.

It is also a good idea to filter TCP port 3389 at the firewall or router, such that only connections from legitimate users will be accepted.

Where can I read more about this?

For more information, see Microsoft Security Bulletins [00-087](#), [01-052](#), [02-051](#), and [05-041](#), and [Bugtraq](#).

For more information on the Citrix MetaFrame vulnerability, see the [Bugtraq ID 3440](#).

Technical Details

Service: ms-wbt-server
port 3389/tcp open and KB899591 not applied or could not be checked

Microsoft Terminal Server allows weak encryption

Severity: Potential Problem

Impact

An attacker who is able to monitor the network between the client and server could decrypt the desktop session.

Resolution

From the Terminal Services Configuration application, change the *Encryption Level* setting in the connection's properties to *High*. This will require clients to use the maximum key strength.

Where can I read more about this?

For more information on securing remote desktop sessions, see [Microsoft Article ID 816594](#).

Technical Details

Service: 3389
ENCRYPTION_LEVEL_CLIENT_COMPATIBLE

SMB digital signing is disabled

Severity: Potential Problem

Impact

If the SMB signing is disabled, malicious attackers could sniff the network traffic and could perform a man in the middle attack to gain sensitive information.

Resolution

Refer to Microsoft Technet Library in Local Policies, [Microsoft network server: Digitally sign communications \(if client agrees\)](#).

Where can I read more about this?

For more information about SMB signing configuration, see, [SMB Protocol Package Exchange Scenario](#).

Technical Details

Service: netbios
NEGOTIATE_SECURITY_SIGNATURES_ENABLED=0

1026/UDP

Severity: Service

Technical Details

SMB

Severity: Service

Technical Details

\131\000\000\001\143

WWW

Severity: Service

Technical Details

HTTP/1.1 400 Bad Request
Content-Type: text/html
Server: Microsoft-HTTPAPI/1.0
Date: Mon, 14 Dec 2015 17:23:36 GMT
Connection: close
Content-Length: 39
<h1>Bad Request

blackjack (1025/UDP)

Severity: Service

Technical Details

epmap (135/TCP)

Severity: Service

Technical Details

isakmp (500/UDP)

Severity: Service

Technical Details

microsoft-ds (445/TCP)

Severity: Service

Technical Details**microsoft-ds (445/UDP)**

Severity: Service

Technical Details**ms-wbt-server (3389/TCP)**

Severity: Service

Technical Details**netbios-dgm (138/UDP)**

Severity: Service

Technical Details**netbios-ns (137/UDP)**

Severity: Service

Technical Details**ntp (123/UDP)**

Severity: Service

Technical Details**ssdp (1900/UDP)**

Severity: Service

Technical Details**5.3 win-iqf3u12cja5.sainttest.local**

IP Address: 10.8.0.150

Scan time: Dec 14 12:40:30 2015

Host type: Windows Server 2008 R2

Netbios Name: WIN-IQF3U12CJA5

DNS server allows zone transfers

Severity: Area of Concern

CVE: CVE-1999-0532

Impact

Attackers could collect information about the domain.

Resolution

Configure the primary DNS server to allow zone transfers only from secondary DNS servers. In BIND, this can be done in an `allow-transfer` block in the `options` section of the `named.conf` file.

Where can I read more about this?

Information on DNS zone transfers can be found [here](#).

Information on securing DNS can be found [here](#).

Technical Details

Service: dns

Received:

```
; <<>> DiG 9.8.1-P1 <<>> @win-iqf3u12cja5.sainttest.local SAINTTEST.local axfr
```

```
; (1 server found)
```

```
;; global options: +cmd
```

```
SAINTTEST.local.\x093600\x09IN\x09SOA\x09win-iqf3u12cja5.SAINTTEST.local.
```

```
hostmaster.SAINTTEST.local. 4887 900 600 86400 3600
```

```
SAINTTEST.local.\x09600\x09IN\x09A\x0910.8.0.150
```

```
SAINTTEST.local.\x093600\x09IN\x09NS\x09win-iqf3u12cja5.SAINTTEST.local.
```

```
_gc._tcp.Default-First-Site-Name._sites.SAINTTEST.local. 600 IN\x09SRV 0 100 3268
```

```
win-iqf3u12cja5.sainttest.local.
```

```
_kerberos._tcp.Default-First-Site-Name._sites.SAINTTEST.local. 600 IN SRV 0 100 88
```

```
win-iqf3u12cja5.sainttest.local.
```

```
_ldap._tcp.Default-First-Site-Name._sites.SAINTTEST.local. 600 IN SRV 0 100 389
```

```
win-iqf3u12cja5.sainttest.local.
```

```
_gc._tcp.SAINTTEST.local. 600\x09IN\x09SRV\x090 100 3268 win-iqf3u12cja5.sainttest.local.
```

```
_kerberos._tcp.SAINTTEST.local.\x09600 IN\x09SRV\x090 100 88 win-iqf3u12cja5.sainttest.local.
```

```
_kpasswd._tcp.SAINTTEST.local. 600 IN\x09SRV\x090 100 464 win-iqf3u12cja5.sainttest.local.
```

```
_ldap._tcp.SAINTTEST.local. 600\x09IN\x09SRV\x090 100 389 win-iqf3u12cja5.sainttest.local.
```

NFS export list disclosure

Severity: Area of Concern

Impact

A remote attacker could view the list of exported file systems, which may contain sensitive information about the target's file system and trusted hosts.

Resolution

Disable the NFS service if it is not needed. If it is needed, block access to the mountd service at the firewall.

Where can I read more about this?

See [Wikipedia](#) for more information about NFS.

Technical Details

Service: 1048:TCP

Sent:

```
/sbin/showmount -e win-iqf3u12cja5.sainttest.local
```

Received:
Export list for win-iqf3u12cja5.sainttest.local:

Possible buffer overflow in Active Directory

Severity: Potential Problem

Impact

A remote attacker could crash the Active Directory service and force a reboot of the server. It may also be possible to execute commands on the server.

Resolution

Install the patches referenced in [Microsoft Security Bulletin 15-096](#).

Where can I read more about this?

For more information, see Microsoft Security Bulletins [07-039](#), [08-003](#), [08-035](#), [08-060](#), [09-018](#), [09-066](#), and [15-096](#).

Technical Details

Service: ldap

AV Information: Anti-virus software is not installed or its presence could not be checked

Severity: Potential Problem

Impact

The system may be susceptible to viruses, worms, and other types of malware.

Resolution

Install and enable anti-virus software. Turn on automatic updates and periodic scans. Enable logging.

If an anti-virus server or manager is present, make sure that all clients can communicate with it so that the client is as up to date as possible and can send crucial information to the master installation.

If more information is needed about the anti-virus software running on the network and a server or manager is present, it is a good place to look for information about the anti-virus clients.

If more than one instance of anti-virus software is installed on a system, remove all but one. Multiple anti-virus programs may interfere with each other and cause the system to run poorly.

Where can I read more about this?

For additional information about viruses and anti-virus products, see [Virus Bulletin](#).

Technical Details

Service: netbios
no registry access

DNS server allows recursive queries

Severity: Potential Problem

Impact

Allowing recursive queries may make the DNS server more susceptible to denial-of-service and cache poisoning attacks.

Resolution

Disable recursive queries on the DNS server.

For Windows DNS servers, this can be done by checking *Disable Recursion* from Start -> Control Panel -> Administrative Tools -> DNS -> Properties -> Advanced -> Server Options.

For BIND DNS servers, add the following line to the *options* section of the `named.conf` file:

```
recursion no;
```

Where can I read more about this?

For more information about the risks of recursive queries, see the [Go Daddy Help Center](#).

Technical Details

Service: domain

Recursion Available flag = 1

ICMP timestamp requests enabled

Severity: Potential Problem

CVE: CVE-1999-0524

Impact

A remote attacker could obtain sensitive information about the network.

Resolution

Configure the system or firewall not to allow ICMP timestamp requests (message type 13) or ICMP netmask requests (message type 17). Instructions for doing this on specific platforms are as follows:

Windows:

Block these message types using the Windows firewall as described in [Microsoft TechNet](#).

Linux:

Use ipchains or iptables to filter ICMP netmask requests using the command:

```
ipchains -A input -p icmp --icmp-type address-mask-request -j DROP
```

Use ipchains or iptables to filter ICMP timestamp requests using the commands:

```
ipchains -A input -p icmp --icmp-type timestamp-request -j DROP  
ipchains -A output -p icmp --icmp-type timestamp-reply -j DROP
```

/pre> To ensure that this change persists after the system reboots, put the above command into the system's boot-up script (typically `/etc/rc.local`).

Cisco:

Block ICMP message types 13 and 17 as follows:

```
deny icmp any any 13
deny icmp any any 17
```

Where can I read more about this?

For more information about ICMP, see [RFC792](#).

Technical Details

Service: icmp
timestamp=7084c103

Is your LDAP secure?

Severity: Potential Problem

Impact

If an application uses a vulnerable implementation of LDAP, an attacker could cause a denial of service or execute arbitrary commands.

Resolution

See [CERT Advisory 2001-18](#) for information on obtaining a patch for your application. OpenLDAP 2.x users may also need to fix a separate set of vulnerabilities which were reported in [SuSE Security Announcement 2002:047](#). Consult your vendor for a fix.

If a patch is not available, then ports 389 and 636, TCP and UDP, should be blocked at the network perimeter until a patch can be applied.

Where can I read more about this?

For more information, see [CERT Advisory 2001-18](#) and [SuSE Security Announcement 2002:047](#).

Technical Details

Service: ldap

Windows null session domain SID disclosure

Severity: Potential Problem

CVE: CVE-2000-1200

Impact

A remote attacker could gain a list of shared resources or user names on the system.

Resolution

Mitigating this vulnerability will require editing the registry. The `regedt32` command can be used for this

purpose. Keep in mind that erroneous changes to the registry could leave the system in an unstable and unbootable state, so use due caution and have a working system backup and repair disk before editing the registry.

The privileges of null sessions can be limited by changing the following registry value:

Hive: **HKEY_LOCAL_MACHINE**
Key: **SYSTEM/CurrentControlSet/Control/LSA**
Value: **RestrictAnonymous**
Type: **REG_DWORD**

Setting this value to **1** will partially limit the amount of information which is available through a null session, but will still allow access to some sensitive information, including the user account list. On Windows 2000 and XP, this value can also be set to **2** for greater protection. However, a value of **2** could also disable some critical Windows networking functions, so this setting is recommended only for Internet servers, and should be thoroughly tested.

Windows XP and later also support a registry value called **RestrictAnonymousSAM**, which, if set to **1**, prevents enumeration of accounts using a null session.

In addition to the above changes, it is also advisable to block access to the NetBIOS ports at the firewall or gateway router. There is usually no reason why a user outside the local network would have a legitimate need for NetBIOS access. NetBIOS runs on ports 135, 137, 138, and 139 (TCP and UDP).

Where can I read more about this?

For more information about using the **RestrictAnonymous** registry value to limit the privileges of null sessions, see Microsoft Knowledge Base articles [Q143474](#) and [Q246261](#).

Technical Details

Service: netbios-ssn
Domain SID = S-1-5-21-1092970315-2611599247-3581362680

Windows null session host SID disclosure

Severity: Potential Problem

Impact

A remote attacker could gain a list of shared resources or user names on the system.

Resolution

Mitigating this vulnerability will require editing the registry. The **regedt32** command can be used for this purpose. Keep in mind that erroneous changes to the registry could leave the system in an unstable and unbootable state, so use due caution and have a working system backup and repair disk before editing the registry.

The privileges of null sessions can be limited by changing the following registry value:

Hive: **HKEY_LOCAL_MACHINE**
Key: **SYSTEM/CurrentControlSet/Control/LSA**
Value: **RestrictAnonymous**

Type: REG_DWORD

Setting this value to 1 will partially limit the amount of information which is available through a null session, but will still allow access to some sensitive information, including the user account list. On Windows 2000 and XP, this value can also be set to 2 for greater protection. However, a value of 2 could also disable some critical Windows networking functions, so this setting is recommended only for Internet servers, and should be thoroughly tested.

Windows XP and later also support a registry value called **RestrictAnonymousSAM**, which, if set to 1, prevents enumeration of accounts using a null session.

In addition to the above changes, it is also advisable to block access to the NetBIOS ports at the firewall or gateway router. There is usually no reason why a user outside the local network would have a legitimate need for NetBIOS access. NetBIOS runs on ports 135, 137, 138, and 139 (TCP and UDP).

Where can I read more about this?

For more information about using the **RestrictAnonymous** registry value to limit the privileges of null sessions, see Microsoft Knowledge Base articles [Q143474](#) and [Q246261](#).

Technical Details

Service: netbios-ssn

Host SID = S-1-5-21-1092970315-2611599247-3581362680

Microsoft Terminal Server allows weak encryption

Severity: Potential Problem

Impact

An attacker who is able to monitor the network between the client and server could decrypt the desktop session.

Resolution

From the Terminal Services Configuration application, change the *Encryption Level* setting in the connection's properties to *High*. This will require clients to use the maximum key strength.

Where can I read more about this?

For more information on securing remote desktop sessions, see [Microsoft Article ID 816594](#).

Technical Details

Service: 3389

ENCRYPTION_LEVEL_CLIENT_COMPATIBLE

rpc.statd is enabled and may be vulnerable

Severity: Potential Problem

CVE: CVE-1999-0018 CVE-1999-0019
CVE-1999-0210 CVE-1999-0493
CVE-2000-0666 CVE-2000-0800

Impact

Several vulnerabilities in `statd` permit attackers to gain root privileges. They can be exploited by local users. They can also be exploited remotely without the intruder requiring a valid local account if `statd` is accessible via the network.

Resolution

One resolution to this vulnerability is to install vendor patches as they become available. For the format string bug, SUSE users should obtain the `nfs-utils` and package, version 0.1.9.1 or higher, from their vendor. For the String parsing error bug, Linux users should obtain the `nfs-utils` or `knfsdi` or `linuxnfs` packages, more detail information, please refer to [SUSE Security Announcement](#) web site. For the `SM_MON` buffer overflow, UnixWare users should obtain the [patch](#).

Also, if `NFS` is not being used, there is no need to run `statd` and it can be disabled. The `statd` (or `rpc.statd`) program is often started in the system initialization scripts (such as `/etc/rc*` or `/etc/rc*.d/*`). If you do not require `statd` it should be commented out from the initialization scripts. In addition, any currently running `statd` processes should be identified using `ps(1)` and then terminated using `kill(1)`.

Where can I read more about this?

More information about the `statd/automountd` vulnerability is available in [CERT Advisory 1999-05](#). You may read more about the `statd` buffer overflow in [CERT Advisory 1997-26](#). The String parsing error vulnerability detail information can be found in [CVE Details](#). The format string vulnerability was discussed in vendor bulletins from [Red Hat](#), [Debian](#), [Mandrake](#), [Trustix](#), and [Conectiva](#), as well as [CERT Advisory 2000.17](#). The `SM_MON` buffer overflow was announced in [Caldera Security Advisory 2001-SCO.6](#). The file creation and removal vulnerability was discussed in [CERT Advisory 1996-09](#).

Technical Details

Service: 1039:TCP

The sunrpc portmapper service is running

Severity: Potential Problem

CVE: CVE-1999-0632

Impact

The sunrpc portmapper service is an unsecured protocol that tells clients which port corresponds to each RPC service. Access to port 111 allows the calling client to query and identify the ports where the needed server is running.

Resolution

Disable all unnecessary RPC services, which are typically enabled in `/etc/inetd.conf` and in the system boot scripts, `/etc/rc*`, and to block high numbered ports at the network perimeter except for those which are needed.

Where can I read more about this?

More information can be obtained in, [NVD for CVE-1999-0632](#).

Technical Details

Service: sunrpc

sunrpc services may be vulnerable

Severity: Potential Problem

CVE: CVE-2002-0391 CVE-2003-0028

Impact

If an affected service is running, a remote attacker could execute arbitrary commands with *root* privileges.

Resolution

See CERT Advisories [2002-25](#) and [2003-10](#) for patch or upgrade information from your vendor. Note that it will be necessary to recompile statically linked applications after installing the patch or upgrade.

It would also be advisable to disable all unnecessary RPC services, which are typically enabled in `/etc/inetd.conf` and in the system boot scripts, `/etc/rc*`, and to block high numbered ports at the network perimeter except for those which are needed. Of particular importance are `rpc.cmsd`, `dmispd`, and `kadmind`, which are known to be exploitable and should be disabled or blocked.

Where can I read more about this?

These vulnerabilities were reported in CERT Advisories [2002-25](#) and [2003-10](#).

Technical Details

Service: sunrpc

TCP timestamp requests enabled

Severity: Potential Problem

Impact

A remote attacker could possibly determine the amount of time since the computer was last booted.

Resolution

TCP timestamps are generally only useful for testing, and support for them should be disabled if not needed.

To disable TCP timestamps on Linux, add the following line to the `/etc/sysctl.conf` file:

```
net.ipv4.tcp_timestamps = 0
```

To disable TCP timestamps on Windows, set the following registry value:

```
Key: HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\Tcpip\Parameters  
Value: Tcp1323Opts  
Data: 0 or 1
```

To disable TCP timestamps on Cisco, use the following command:

```
no ip tcp timestamp
```

Where can I read more about this?

More information on TCP timestamps and round-trip time measurement is available in [RFC1323](#) and [Microsoft Article 224829](#).

Technical Details

Service: iad1
timestamp=43122448; uptime guess=5d 0h 59m 40s

Windows DNS Server RPC Management Interface Buffer Overflow

Severity: Potential Problem

CVE: CVE-2007-1748

Impact

The Windows DNS Server has a vulnerability that allows for remote code execution.

Resolution

Apply the patch referenced in [Microsoft Security Bulletin 15-127](#).

Windows Server 2008 and Windows Server 2008 R2 users should apply the patch referenced in [Microsoft Security Bulletin 09-008](#).

For the management interface buffer overflow, remote management over RPC can be disabled by setting the value of `RpcProtocol` in `HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\DNS\Parameters` to 4. Setting this value to 0 will disable all DNS RPC functionality and will protect against both local and remote attempts to exploit the vulnerability.

Where can I read more about this?

For more information on specific vulnerabilities, see Microsoft Security Bulletins [07-029](#), [07-062](#), [09-008](#), [11-058](#), [12-017](#), and [15-127](#). The DNS server RPC management interface buffer overflow was reported in [US-CERT Vulnerability Note VU#555920](#) and [Secunia Advisory SA24871](#).

Technical Details

Service: 135:TCP
Windows DNS Server port open

1026/TCP

Severity: Service

Technical Details

1027/TCP

Severity: Service

Technical Details

1029/TCP

Severity: Service

WWW

Severity: Service

Technical Details

HTTP/1.1 503 Service Unavailable
Content-Type: text/html; charset=us-ascii
Server: Microsoft-HTTPAPI/2.0
Date: Mon, 14 Dec 2015 17:23:37 GMT
Connection: close
Content-Length:

WWW (Secure)

Severity: Service

Technical Details

WWW (non-standard port 5985)

Severity: Service

Technical Details

HTTP/1.1 404 Not Found
Content-Type: text/html; charset=us-ascii
Server: Microsoft-HTTPAPI/2.0
Date: Mon, 14 Dec 2015 17:23:44 GMT
Connection: close
Content-Length:

WWW (non-standard port 8059)

Severity: Service

Technical Details

HTTP/1.1 503 Service Unavailable
Content-Type: text/html; charset=us-ascii
Server: Microsoft-HTTPAPI/2.0
Date: Mon, 14 Dec 2015 17:23:47 GMT
Connection: close
Content-Length:

WWW (non-standard port 8082)

Severity: Service

Technical Details

HTTP/1.1 503 Service Unavailable
Content-Type: text/html; charset=us-ascii
Server: Microsoft-HTTPAPI/2.0
Date: Mon, 14 Dec 2015 17:23:47 GMT
Connection: close
Content-Length:

blackjack (1025/TCP)

Severity: Service

Technical Details

cma (1050/TCP)

Severity: Service

Technical Details

domain (53/UDP)

Severity: Service

Technical Details

epmap (135/TCP)

Severity: Service

Technical Details

http-rpc-epmap (593/TCP)

Severity: Service

Technical Details

ncacn_http/1.0

iad1 (1030/TCP)

Severity: Service

Technical Details

ncacn_http/1.0

iad2 (1031/TCP)

Severity: Service

Technical Details

iscsi-target (3260/TCP)

Severity: Service

Technical Details

kerberos (88/TCP)

Severity: Service

Technical Details

kpasswd (464/TCP)

Severity: Service

Technical Details

ldap (389/TCP)

Severity: Service

Technical Details

m4-network-as (4345/TCP)

Severity: Service

Technical Details

microsoft-ds (445/TCP)

Severity: Service

Technical Details

ms-wbt-server (3389/TCP)

Severity: Service

Technical Details

msft-gc (3268/TCP)

Severity: Service

Technical Details

msft-gc-ssl (3269/TCP)

Severity: Service

Technical Details

neod1 (1047/TCP)

Severity: Service

Technical Details

neod2 (1048/TCP)

Severity: Service

Technical Details

netbios-ns (137/UDP)

Severity: Service

Technical Details

obrpd (1092/TCP)

Severity: Service

Technical Details

proofd (1093/TCP)

Severity: Service

Technical Details

shlp (2049/TCP)

Severity: Service

Technical Details

ssl-ldap (636/TCP)

Severity: Service

Technical Details

sunrpc (111/TCP)

Severity: Service

Technical Details

unicall (4343/TCP)

Severity: Service

Technical Details

Scan Session: HIPAA vuln scan; Scan Policy: HIPAA; Scan Data Set: 14 December 2015 12:40

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