# Security Findings of Project "management-http"

**Analysis Date:**            **2020-06-13 18:42:49**

## Analyzed Workspace:

| | | | |
|---|---|---|---|
| Packages: | 18 | Total LOC: | 31,908 |
| Classes: | 301 | No. of Bytecode Instructions: | 124,710 |

## Computed Call Graph:

| | | | |
|---|---|---|---|
| Classes not in Call Graph: | 52 | Methods not in Call Graph: | 78 |

## Findings in List:

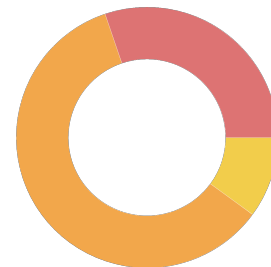| | | | |
|---|---|---|---|
| All Findings: | 167 | Problematic Findings: | 159 |

**Finding Problem Types:**
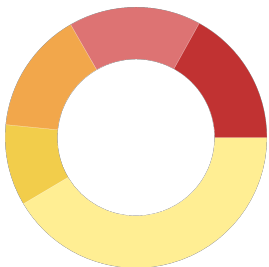
- Usage: Privileged Ac...: 27
- XSS: Reflected XSS: 26
- FindSecBugs: Potenti...: 24
- Injection: Response ...: 16
- Other: 66

**Finding Classifications:**
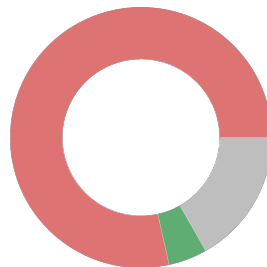
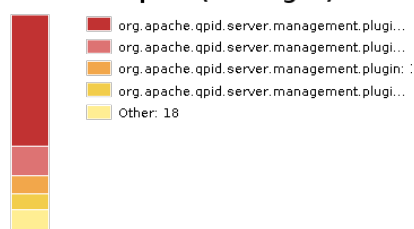- High risk: 131
- No risk: 8
- Neutral: 28

**Finding Ratings:**
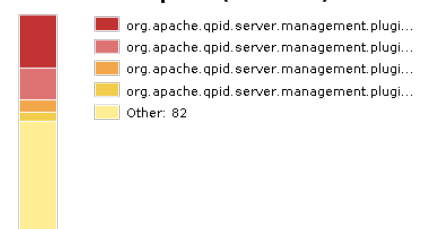
- High risk: 48
- Medium risk: 95
- Low risk: 16

**OWASP Top 10 2017**

- A 1: Injection: 17
- A 2: Broken Authentication and Session ....
- A 3: Sensitive Data Exposure: 6
- A 4: XXE: 0
- A 5: Broken Access Control: 27
- A 6: Security Misconfiguration: 0
- A 7: XSS: 50
- A 8: Insecure Deserialization: 0
- A 9: Using Components with Known Vulner...
- A 10: Insufficient Logging & Monitoring: 0

**Hot Spots (Packages)**

- org.apache.qpid.server.management.plugi...
- org.apache.qpid.server.management.plugi...
- org.apache.qpid.server.management.plugin: :
- org.apache.qpid.server.management.plugi...
- Other: 18

**Hot Spots (Classes)**

- org.apache.qpid.server.management.plugi...
- org.apache.qpid.server.management.plugi...
- org.apache.qpid.server.management.plugi...
- org.apache.qpid.server.management.plugi...
- Other: 82

## Findings List

| | | | |
|---|---|---|---|
| **Finding ID:** | 51 | **Problem Type:** | Injection: Response Header Injection (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):175 <- QueryServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):96 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Injection: Response Header Injection' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getParameter(java.lang.String)

Matching pattern in taint sink kind 'Response Header Injection':
void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String)

| | | | |
|---|---|---|---|
| **Finding ID:** | 50 | **Problem Type:** | Injection: Response Header Injection (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):370 <- AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Injection: Response Header Injection' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'Response Header Injection':
void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String)

| | | | |
|---|---|---|---|
| **Finding ID:** | 48 | **Problem Type:** | Injection: Response Header Injection (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):370 <- SaslServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):134 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Injection: Response Header Injection' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getParameter(java.lang.String)

Matching pattern in taint sink kind 'Response Header Injection':
void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String)

**Findings List**

| | | | |
|---|---|---|---|
| **Finding ID:** | 49 | **Problem Type:** | Injection: Response Header Injection (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):370 <- SaslServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):136 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Injection: Response Header Injection' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getParameter(java.lang.String)

Matching pattern in taint sink kind 'Response Header Injection':
void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String)

| | | | |
|---|---|---|---|
| **Finding ID:** | 52 | **Problem Type:** | Injection: Response Header Injection (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):370 <- SaslServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):298 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Injection: Response Header Injection' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'Response Header Injection':
void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String)

| | | | |
|---|---|---|---|
| **Finding ID:** | 47 | **Problem Type:** | Injection: Response Header Injection (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):370 <- SaslServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):98 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Injection: Response Header Injection' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getRemoteUser()

Matching pattern in taint sink kind 'Response Header Injection':
void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String)

# Findings List

| | | | |
|---|---|---|---|
| **Finding ID:** | 56 | **Problem Type:** | Injection: Response Header Injection (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 4.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):294 <- ConfiguredObjectToMapConverter.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):180 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Injection: Response Header Injection'<br><br>Matching pattern in taint source kind 'Property and Environment Input':<br>static java.util.Map java.lang.System.getenv()<br><br>Matching pattern in taint sink kind 'Response Header Injection':<br>void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String) | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 58 | **Problem Type:** | Injection: Response Header Injection (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 4.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):294 <- ConfiguredObjectToMapConverter.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):181 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Injection: Response Header Injection'<br><br>Matching pattern in taint source kind 'Property and Environment Input':<br>static java.util.Properties java.lang.System.getProperties()<br><br>Matching pattern in taint sink kind 'Response Header Injection':<br>void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String) | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 60 | **Problem Type:** | Injection: Response Header Injection (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 4.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):294 <- LegacyConfiguredObjectToMapConverter.java (<Source Code>/org/apache/qpid/server/management/plugin/controller):165 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Injection: Response Header Injection'<br><br>Matching pattern in taint source kind 'Property and Environment Input':<br>static java.util.Map java.lang.System.getenv()<br><br>Matching pattern in taint sink kind 'Response Header Injection':<br>void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String) | | |

# Findings List

| Finding ID: | 62 | Problem Type: | Injection: Response Header Injection (Taint Paths) |
|---|---|---|---|
| Classification: | Warning | Date: | 2020-06-13 18:42:49 - new |
| Rating: | 4.00 | Reviewed State: | Not Reviewed |
| Location: | AbstractServlet.java (\<Source Code\>/org/apache/qpid/server/management/plugin/servlet/rest):294 <- LegacyConfiguredObjectToMapConverter.java (\<Source Code\>/org/apache/qpid/server/management/plugin/controller):166 | | |
| Tags: | no tags assigned | | |
| Comment: | *no comment* | | |
| Description: | An identified taint path for the problem type 'Injection: Response Header Injection' | | |

Matching pattern in taint source kind 'Property and Environment Input':
static java.util.Properties java.lang.System.getProperties()

Matching pattern in taint sink kind 'Response Header Injection':
void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String)

| Finding ID: | 53 | Problem Type: | Injection: Response Header Injection (Taint Paths) |
|---|---|---|---|
| Classification: | Warning | Date: | 2020-06-13 18:42:49 - new |
| Rating: | 4.00 | Reviewed State: | Not Reviewed |
| Location: | AbstractServlet.java (\<Source Code\>/org/apache/qpid/server/management/plugin/servlet/rest):294 <- OAuth2InteractiveAuthenticator.java (\<Source Code\>/org/apache/qpid/server/management/plugin/auth):331 | | |
| Tags: | no tags assigned | | |
| Comment: | *no comment* | | |
| Description: | An identified taint path for the problem type 'Injection: Response Header Injection' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.StringBuffer javax.servlet.ServletRequest.getRequestURL()

Matching pattern in taint sink kind 'Response Header Injection':
void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String)

| Finding ID: | 55 | Problem Type: | Injection: Response Header Injection (Taint Paths) |
|---|---|---|---|
| Classification: | Warning | Date: | 2020-06-13 18:42:49 - new |
| Rating: | 4.00 | Reviewed State: | Not Reviewed |
| Location: | AbstractServlet.java (\<Source Code\>/org/apache/qpid/server/management/plugin/servlet/rest):370 <- ConfiguredObjectToMapConverter.java (\<Source Code\>/org/apache/qpid/server/management/plugin/servlet/rest):180 | | |
| Tags: | no tags assigned | | |
| Comment: | *no comment* | | |
| Description: | An identified taint path for the problem type 'Injection: Response Header Injection' | | |

Matching pattern in taint source kind 'Property and Environment Input':
static java.util.Map java.lang.System.getenv()

Matching pattern in taint sink kind 'Response Header Injection':
void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String)

**Findings List**

| | | | |
|---|---|---|---|
| **Finding ID:** | 57 | **Problem Type:** | Injection: Response Header Injection (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 4.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):370 <- ConfiguredObjectToMapConverter.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):181 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Injection: Response Header Injection'<br><br>Matching pattern in taint source kind 'Property and Environment Input':<br>static java.util.Properties java.lang.System.getProperties()<br><br>Matching pattern in taint sink kind 'Response Header Injection':<br>void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String) | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 59 | **Problem Type:** | Injection: Response Header Injection (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 4.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):370 <- LegacyConfiguredObjectToMapConverter.java (<Source Code>/org/apache/qpid/server/management/plugin/controller):165 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Injection: Response Header Injection'<br><br>Matching pattern in taint source kind 'Property and Environment Input':<br>static java.util.Map java.lang.System.getenv()<br><br>Matching pattern in taint sink kind 'Response Header Injection':<br>void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String) | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 61 | **Problem Type:** | Injection: Response Header Injection (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 4.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):370 <- LegacyConfiguredObjectToMapConverter.java (<Source Code>/org/apache/qpid/server/management/plugin/controller):166 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Injection: Response Header Injection'<br><br>Matching pattern in taint source kind 'Property and Environment Input':<br>static java.util.Properties java.lang.System.getProperties()<br><br>Matching pattern in taint sink kind 'Response Header Injection':<br>void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String) | | |

## Findings List

| **Finding ID:** | 54 | **Problem Type:** | Injection: Response Header Injection (Taint Paths) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 4.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):370 <- OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):331 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Injection: Response Header Injection' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.StringBuffer javax.servlet.ServletRequest.getRequestURL()

Matching pattern in taint sink kind 'Response Header Injection':
void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String)

| **Finding ID:** | 116 | **Problem Type:** | SpotBugs: HTTP Response splitting vulnerability (SpotBugs Security Issues) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RewriteServlet.java (<Source Code>/org/apache/qpid/server/management/plugin):53 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin: HTTP parameter directly written to HTTP header output in org.apache.qpid.server.management.plugin.RewriteServlet.service(HttpServletRequest, HttpServletResponse) | | |

- In method org.apache.qpid.server.management.plugin.RewriteServlet.service(HttpServletRequest, HttpServletResponse)
- Local variable named location

| **Finding ID:** | 157 | **Problem Type:** | Hard-Coded Credentials: Username in Variables (Special Code) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractManagementController.java (<Source Code>/org/apache/qpid/server/management/plugin/controller):43 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Hard-Coded Credentials: Username in Variables'. Literal credential in field 'USER_PREFERENCES' | | |

**Findings List**

| | | | |
|---|---|---|---|
| **Finding ID:** | **158** | **Problem Type:** | Hard-Coded Credentials: Username in Variables (Special Code) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractManagementController.java (<Source Code>/org/apache/qpid/server/management/plugin/controller):44 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Hard-Coded Credentials: Username in Variables'. Literal credential in field 'VISIBLE_USER_PREFERENCES' | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | **159** | **Problem Type:** | Hard-Coded Credentials: Username in Variables (Special Code) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | LegacyCategoryControllerFactory.java (<Source Code>/org/apache/qpid/server/management/plugin/controller/v6_1/category):44 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Hard-Coded Credentials: Username in Variables'. Literal credential in field 'CATEGORY_USER' | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | **160** | **Problem Type:** | Hard-Coded Credentials: Username in Variables (Special Code) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | LegacyCategoryControllerFactory.java (<Source Code>/org/apache/qpid/server/management/plugin/controller/v7_0/category):41 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Hard-Coded Credentials: Username in Variables'. Literal credential in field 'CATEGORY_USER' | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | **166** | **Problem Type:** | Hard-Coded Credentials: Username in Variables (Special Code) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | OAuth2InteractiveAuthenticatorTest.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):92 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Hard-Coded Credentials: Username in Variables'. Literal credential in field 'TEST_AUTHORIZED_USER' | | |

**Findings List**

| Finding ID: | **167** | Problem Type: | Hard-Coded Credentials: Username in Variables (Special Code) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | OAuth2InteractiveAuthenticatorTest.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):93 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Hard-Coded Credentials: Username in Variables'. Literal credential in field 'TEST_UNAUTHORIZED_USER' | | |

| Finding ID: | **161** | Problem Type: | Hard-Coded Credentials: Username in Variables (Special Code) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | OAuth2PreemptiveAuthenticatorTest.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):52 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Hard-Coded Credentials: Username in Variables'. Literal credential in field 'TEST_AUTHORIZED_USER' | | |

| Finding ID: | **162** | Problem Type: | Hard-Coded Credentials: Username in Variables (Special Code) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | OAuth2PreemptiveAuthenticatorTest.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):53 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Hard-Coded Credentials: Username in Variables'. Literal credential in field 'TEST_UNAUTHORIZED_USER' | | |

| Finding ID: | **163** | Problem Type: | Hard-Coded Credentials: Username in Variables (Special Code) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RequestInfoParser.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):38 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Hard-Coded Credentials: Username in Variables'. Literal credential in field 'USER_PREFERENCES' | | |

| Finding ID: | **164** | Problem Type: | Hard-Coded Credentials: Username in Variables (Special Code) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RequestInfoParser.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):39 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Hard-Coded Credentials: Username in Variables'. Literal credential in field 'VISIBLE_USER_PREFERENCES' | | |

| Finding ID: | **165** | Problem Type: | Hard-Coded Credentials: Username in Variables (Special Code) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):68 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Hard-Coded Credentials: Username in Variables'. Literal credential in field 'MYUSER' | | |

| Finding ID: | **40** | Problem Type: | Cryptography: Check that only allowed hash algorithms are used (Protocol Check Findings) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ServletConnectionPrincipal.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):66 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Cryptography: Check that only allowed hash algorithms are used'. The protocol check detected something wrong when encountering symbol 'AnyAlgorithm_MessageDigestGetInstance'.<br><br>Violated protocol: Check Allowed Hash Algorithms<br>Protocol description:<br>Allow only a given set of hash algorithm names where algorithm names are expected.<br><br>The algorithm names are configured via constant value constraint variables.<br><br>Names to be checked against can be found here: https://docs.oracle.com/javase/8/docs/technotes/guides/security/StandardNames.html<br><br>Matching pattern in protocol check kind 'AnyAlgorithm_MessageDigestGetInstance':<br>static java.security.MessageDigest java.security.MessageDigest.getInstance(java.lang.String, ***) | | |

# Findings List

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| **Finding ID:** | 41 | **Problem Type:** | Cryptography: Construction of Secure Random Numbers (Protocol Check Findings) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):354 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Cryptography: Construction of Secure Random Numbers'. The RNG being used has not been properly constructed.<br><br>Violated protocol: Construction of Strong Random Numbers<br>Protocol description:<br>Constructing strong random numbers.<br><br>Matching pattern in protocol check kind 'GenerateStronglyRandomBits':<br>void java.security.SecureRandom.nextBytes(byte[]) | | |

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| **Finding ID:** | 42 | **Problem Type:** | Cryptography: Construction of Secure Random Numbers (Protocol Check Findings) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | SaslServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):116 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Cryptography: Construction of Secure Random Numbers'. The RNG being used has not been properly constructed.<br><br>Violated protocol: Construction of Strong Random Numbers<br>Protocol description:<br>Constructing strong random numbers.<br><br>Matching pattern in protocol check kind 'GenerateStronglyRandomBits':<br>long java.security.SecureRandom.nextLong() | | |

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| **Finding ID:** | 37 | **Problem Type:** | Cryptography: Cryptographic Algorithms Used in Project (Special Code) |
| **Classification:** | Information | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 0.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ServletConnectionPrincipal.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):63 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Cryptography: Cryptographic Algorithms Used in Project'. Declared in: java.security.MessageDigest<br><br>Matching pattern in special code kind 'Cryptography: Cryptographic Algorithms Used in Project':<br>static java.security.** java.security.**.getInstance(java.lang.String) | | |

## Findings List

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| **Finding ID:** | 38 | **Problem Type:** | Cryptography: Cryptographic Algorithms Used in Project (Special Code) |
| **Classification:** | Information | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 0.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ServletConnectionPrincipal.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):66 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Cryptography: Cryptographic Algorithms Used in Project'. Declared in: java.security.MessageDigest<br><br>Matching pattern in special code kind 'Cryptography: Cryptographic Algorithms Used in Project': static java.security.** java.security.**.getInstance(java.lang.String) | | |

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| **Finding ID:** | 5 | **Problem Type:** | Cryptography: Cryptographic Algorithms w/o Specified Crypto-Provider (Special Code) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 1.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ServletConnectionPrincipal.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):63 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Cryptography: Cryptographic Algorithms w/o Specified Crypto-Provider'.<br>Declared in: java.security.MessageDigest<br><br>Matching pattern in special code kind 'Cryptography: Cryptographic Algorithms w/o Specified Crypto-Provider':<br>static java.security.** java.security.**.getInstance(java.lang.String) | | |

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| **Finding ID:** | 6 | **Problem Type:** | Cryptography: Cryptographic Algorithms w/o Specified Crypto-Provider (Special Code) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 1.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ServletConnectionPrincipal.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):66 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Cryptography: Cryptographic Algorithms w/o Specified Crypto-Provider'.<br>Declared in: java.security.MessageDigest<br><br>Matching pattern in special code kind 'Cryptography: Cryptographic Algorithms w/o Specified Crypto-Provider':<br>static java.security.** java.security.**.getInstance(java.lang.String) | | |

# Findings List

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| **Finding ID:** | 39 | **Problem Type:** | Cryptography: Cryptographic Hashing (Protocol Check Findings) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ServletConnectionPrincipal.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):67 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Cryptography: Cryptographic Hashing'. Dataflow ended in a state that was not GOOD. Violated protocol: MessageDigest Use for Cryptographic Hashing Protocol description: A MessageDigest instance is created and used for cryptographic hashing. | | |

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| **Finding ID:** | 15 | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AuthenticationCheckFilter.java (<Source Code>/org/apache/qpid/server/management/plugin/filter): 157 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.filter.AuthenticationCheckFilter$1 Matching pattern in special code kind 'Usage: Privileged Action': ** java.security.PrivilegedExceptionAction.run() | | |

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| **Finding ID:** | 7 | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | LoginLogoutReporter.java (<Source Code>/org/apache/qpid/server/management/plugin/session):75 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.session.LoginLogoutReporter$1 Matching pattern in special code kind 'Usage: Privileged Action': ** java.security.PrivilegedAction.run() | | |

## Findings List

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| **Finding ID:** | **16** | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | LoginLogoutReporter.java (<Source Code>/org/apache/qpid/server/management/plugin/session):90 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.session.LoginLogoutReporter$2 | | |
| | Matching pattern in special code kind 'Usage: Privileged Action': ** java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | **28** | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):117 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$1 | | |
| | Matching pattern in special code kind 'Usage: Privileged Action': ** java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | **23** | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):154 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$2 | | |
| | Matching pattern in special code kind 'Usage: Privileged Action': ** java.security.PrivilegedAction.run() | | |

# Findings List

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| **Finding ID:** | **8** | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):185 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'.<br>Declared in:<br>org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$3<br><br>Matching pattern in special code kind 'Usage: Privileged Action':<br>** java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | **29** | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):215 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'.<br>Declared in:<br>org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$4<br><br>Matching pattern in special code kind 'Usage: Privileged Action':<br>** java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | **21** | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):242 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'.<br>Declared in:<br>org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$5<br><br>Matching pattern in special code kind 'Usage: Privileged Action':<br>** java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | **19** | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):270 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'.<br>Declared in:<br>org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$6<br><br>Matching pattern in special code kind 'Usage: Privileged Action':<br>\*\* java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | **10** | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):307 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'.<br>Declared in:<br>org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$7<br><br>Matching pattern in special code kind 'Usage: Privileged Action':<br>\*\* java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | **22** | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):336 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'.<br>Declared in:<br>org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$8<br><br>Matching pattern in special code kind 'Usage: Privileged Action':<br>\*\* java.security.PrivilegedAction.run() | | |

# Findings List

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| **Finding ID:** | 9 | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):389 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$9<br><br>Matching pattern in special code kind 'Usage: Privileged Action': ** java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | 30 | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):415 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$10<br><br>Matching pattern in special code kind 'Usage: Privileged Action': ** java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | 27 | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):449 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$11<br><br>Matching pattern in special code kind 'Usage: Privileged Action': ** java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | **17** | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):484 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$12 <br><br> Matching pattern in special code kind 'Usage: Privileged Action': ** java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | **14** | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):523 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$13 <br><br> Matching pattern in special code kind 'Usage: Privileged Action': ** java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | **31** | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):556 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$14 <br><br> Matching pattern in special code kind 'Usage: Privileged Action': ** java.security.PrivilegedAction.run() | | |

# Findings List

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| **Finding ID:** | 13 | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):586 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'.<br>Declared in:<br>org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$15<br><br>Matching pattern in special code kind 'Usage: Privileged Action':<br>** java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | 20 | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):631 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'.<br>Declared in:<br>org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$16<br><br>Matching pattern in special code kind 'Usage: Privileged Action':<br>** java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | 24 | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):688 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'.<br>Declared in:<br>org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$17<br><br>Matching pattern in special code kind 'Usage: Privileged Action':<br>** java.security.PrivilegedAction.run() | | |

# Findings List

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| **Finding ID:** | 32 | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):794 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$18<br><br>Matching pattern in special code kind 'Usage: Privileged Action': \*\* java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | 26 | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):829 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$19<br><br>Matching pattern in special code kind 'Usage: Privileged Action': \*\* java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | 25 | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):875 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$20<br><br>Matching pattern in special code kind 'Usage: Privileged Action': \*\* java.security.PrivilegedAction.run() | | |

## Findings List

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| **Finding ID:** | 18 | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):910 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$21 Matching pattern in special code kind 'Usage: Privileged Action': ** java.security.PrivilegedAction.run() | | |

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| **Finding ID:** | 11 | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):950 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$22 Matching pattern in special code kind 'Usage: Privileged Action': ** java.security.PrivilegedAction.run() | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 33 | **Problem Type:** | Usage: Privileged Action (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):985 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Privileged Action'. Declared in: org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$23 Matching pattern in special code kind 'Usage: Privileged Action': ** java.security.PrivilegedAction.run() | | |

**Findings List**

| Finding ID: | 12 | Problem Type: | Usage: Privileged Action (Special Code) |
|---|---|---|---|
| Classification: | Manual Review Required | Date: | 2020-06-13 18:42:49 - new |
| Rating: | 5.00 | Reviewed State: | Not Reviewed |

**Location:** RestUserPreferenceHandlerTest.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):1012

**Tags:** no tags assigned

**Comment:** *no comment*

**Description:** An identified location for problem type 'Usage: Privileged Action'.
Declared in:
org.apache.qpid.server.management.plugin.servlet.rest.RestUserPreferenceHandlerTest$24

Matching pattern in special code kind 'Usage: Privileged Action':
** java.security.PrivilegedAction.run()

---

| Finding ID: | 137 | Problem Type: | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
|---|---|---|---|
| Classification: | Warning | Date: | 2020-06-13 18:42:49 - new |
| Rating: | 8.00 | Reviewed State: | Not Reviewed |

**Location:** ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):139

**Tags:** no tags assigned

**Comment:** *no comment*

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of java/io/PrintWriter.println(Ljava/lang/String;)V could be vulnerable to XSS

- In method
org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.doGet(HttpServletRequest, HttpServletResponse, ConfiguredObject)
- Sink method java/io/PrintWriter.println(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source java/lang/Class.getSimpleName()Ljava/lang/String;
- Unknown source javax/servlet/http/HttpServletRequest.getServletPath()Ljava/lang/String;

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| Finding ID: | 142 | Problem Type: | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
|---|---|---|---|
| Classification: | Warning | Date: | 2020-06-13 18:42:49 - new |
| Rating: | 8.00 | Reviewed State: | Not Reviewed |

**Location:** ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):140

**Tags:** no tags assigned

**Comment:** *no comment*

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of java/io/PrintWriter.println(Ljava/lang/String;)V could be vulnerable to XSS

- In method
org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.doGet(HttpServletRequest, HttpServletResponse, ConfiguredObject)
- Sink method java/io/PrintWriter.println(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source org/apache/qpid/server/model/ManagedObject.description()Ljava/lang/String;

**Findings List**

| Finding ID: | **145** | Problem Type: | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):205 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of java/io/PrintWriter.println(Ljava/lang/String;)V could be vulnerable to XSS

- In method
org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeCategoryDescription(PrintWriter, Class)
- Sink method java/io/PrintWriter.println(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source org/apache/qpid/server/model/ManagedObject.description()Ljava/lang/String;

| Finding ID: | **138** | Problem Type: | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):216 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of java/io/PrintWriter.print(Ljava/lang/String;)V could be vulnerable to XSS

- In method
org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeUsage(PrintWriter, HttpServletRequest, Class[], Class)
- Sink method java/io/PrintWriter.print(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source javax/servlet/http/HttpServletRequest.getServletPath()Ljava/lang/String;

| Finding ID: | **139** | Problem Type: | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):229 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of java/io/PrintWriter.print(Ljava/lang/String;)V could be vulnerable to XSS

- In method
org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeUsage(PrintWriter, HttpServletRequest, Class[], Class)
- Sink method java/io/PrintWriter.print(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source javax/servlet/http/HttpServletRequest.getServletPath()Ljava/lang/String;

**Findings List**

| | | | |
|---|---|---|---|
| **Finding ID:** | 140 | **Problem Type:** | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):236 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of java/io/PrintWriter.print(Ljava/lang/String;)V could be vulnerable to XSS

- In method org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeUsage(PrintWriter, HttpServletRequest, Class[], Class)
- Sink method java/io/PrintWriter.print(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source javax/servlet/http/HttpServletRequest.getServletPath()Ljava/lang/String;

| | | | |
|---|---|---|---|
| **Finding ID:** | 141 | **Problem Type:** | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):244 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of java/io/PrintWriter.print(Ljava/lang/String;)V could be vulnerable to XSS

- In method org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeUsage(PrintWriter, HttpServletRequest, Class[], Class)
- Sink method java/io/PrintWriter.print(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source javax/servlet/http/HttpServletRequest.getServletPath()Ljava/lang/String;

| | | | |
|---|---|---|---|
| **Finding ID:** | 153 | **Problem Type:** | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):273 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of java/io/PrintWriter.print(Ljava/lang/String;)V could be vulnerable to XSS

- In method org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeTypes(PrintWriter, Model, List)
- Sink method java/io/PrintWriter.print(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source org/apache/qpid/server/management/plugin/servlet/rest/ApiDocsServlet.getTypeName(Ljava/lang/Class;Lorg/apache/qpid/server/model/Model;)Ljava/lang/String;

# Findings List

| | | | |
|---|---|---|---|
| **Finding ID:** | **154** | **Problem Type:** | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):275 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin: This use of java/io/PrintWriter.print(Ljava/lang/String;)V could be vulnerable to XSS<br><br>- In method org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeTypes(PrintWriter, Model, List)<br>- Sink method java/io/PrintWriter.print(Ljava/lang/String;)V<br>- Sink parameter 0<br>- Unknown source org/apache/qpid/server/model/ManagedObject.description()Ljava/lang/String; | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | **143** | **Problem Type:** | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):308 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin: This use of java/io/PrintWriter.println(Ljava/lang/String;)V could be vulnerable to XSS<br><br>- In method org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeAttributes(PrintWriter, Class, Model, List)<br>- Sink method java/io/PrintWriter.println(Ljava/lang/String;)V<br>- Sink parameter 0<br>- Unknown source org/apache/qpid/server/management/plugin/servlet/rest/ApiDocsServlet.getTypeName(Ljava/lang/Class;Lorg/apache/qpid/server/model/Model;)Ljava/lang/String; | | |

| **Finding ID:** | **144** | **Problem Type:** | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):345 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin:<br>This use of java/io/PrintWriter.println(Ljava/lang/String;)V could be vulnerable to XSS<br><br>- In method org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeAttributesTable(PrintWriter, Collection)<br>- Sink method java/io/PrintWriter.println(Ljava/lang/String;)V<br>- Sink parameter 0<br>- Unknown source org/apache/qpid/server/model/ConfiguredObjectAttribute.getName()Ljava/lang/String;<br>- Unknown source org/apache/qpid/server/model/ConfiguredObjectAttribute.getDescription()Ljava/lang/String;<br>- Unknown source org/apache/qpid/server/management/plugin/servlet/rest/ApiDocsServlet.renderType(Lorg/apache/qpid/server/model/ConfiguredObjectAttributeOrStatistic;)Ljava/lang/String; | | |

| **Finding ID:** | **151** | **Problem Type:** | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):376 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin:<br>This use of java/io/PrintWriter.println(Ljava/lang/String;)V could be vulnerable to XSS<br><br>- In method org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeStatistics(PrintWriter, Class, Model, List)<br>- Sink method java/io/PrintWriter.println(Ljava/lang/String;)V<br>- Sink parameter 0<br>- Unknown source org/apache/qpid/server/management/plugin/servlet/rest/ApiDocsServlet.getTypeName(Ljava/lang/Class;Lorg/apache/qpid/server/model/Model;)Ljava/lang/String; | | |

**Findings List**

| | | | |
|---|---|---|---|
| **Finding ID:** | 152 | **Problem Type:** | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):393 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of java/io/PrintWriter.println(Ljava/lang/String;)V could be vulnerable to XSS

- In method
org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeStatisticsTable(PrintWriter, Collection)
- Sink method java/io/PrintWriter.println(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source org/apache/qpid/server/model/ConfiguredObjectStatistic.getDescription()Ljava/lang/String;
- Unknown source org/apache/qpid/server/model/ConfiguredObjectStatistic.getName()Ljava/lang/String;
- Unknown source org/apache/qpid/server/model/ConfiguredObjectStatistic.getUnits()Lorg/apache/qpid/server/model/StatisticUnit;
- Unknown source org/apache/qpid/server/management/plugin/servlet/rest/ApiDocsServlet.renderType(Lorg/apache/qpid/server/model/ConfiguredObjectAttributeOrStatistic;)Ljava/lang/String;
- Unknown source org/apache/qpid/server/model/ConfiguredObjectStatistic.getStatisticType()Lorg/apache/qpid/server/model/StatisticType;

| | | | |
|---|---|---|---|
| **Finding ID:** | 148 | **Problem Type:** | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):429 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of java/io/PrintWriter.println(Ljava/lang/String;)V could be vulnerable to XSS

- In method
org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeOperations(PrintWriter, Class, Model, List)
- Sink method java/io/PrintWriter.println(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source org/apache/qpid/server/management/plugin/servlet/rest/ApiDocsServlet.getTypeName(Ljava/lang/Class;Lorg/apache/qpid/server/model/Model;)Ljava/lang/String;

## Findings List

| Finding ID: | **149** | Problem Type: | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):447 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of java/io/PrintWriter.println(Ljava/lang/String;)V could be vulnerable to XSS

- In method
org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeOperationsTables(Print Writer, Collection)
- Sink method java/io/PrintWriter.println(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source org/apache/qpid/server/model/ConfiguredObjectOperation.getName()Ljava/lang/ String;
- Unknown source org/apache/qpid/server/model/ConfiguredObjectOperation.getDescription()Ljava/ lang/String;
- Unknown source org/apache/qpid/server/management/plugin/servlet/rest/ ApiDocsServlet.renderType(Lorg/apache/qpid/server/model/ConfiguredObjectOperation;)Ljava/lang/ String;

| Finding ID: | **150** | Problem Type: | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):456 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of java/io/PrintWriter.println(Ljava/lang/String;)V could be vulnerable to XSS

- In method
org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeOperationsTables(Print Writer, Collection)
- Sink method java/io/PrintWriter.println(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source org/apache/qpid/server/management/plugin/servlet/rest/ ApiDocsServlet.renderParameters(Ljava/util/List;)Ljava/lang/String;

**Findings List**

| | | | |
|---|---|---|---|
| **Finding ID:** | **146** | **Problem Type:** | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):613 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

| | |
|---|---|
| **Description:** | A finding identified by the external 'SpotBugs' plugin: This use of java/io/PrintWriter.println(Ljava/lang/String;)V could be vulnerable to XSS |
| | - In method org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeContext(PrintWriter, Class, Model, List) |
| | - Sink method java/io/PrintWriter.println(Ljava/lang/String;)V |
| | - Sink parameter 0 |
| | - Unknown source org/apache/qpid/server/management/plugin/servlet/rest/ApiDocsServlet.getTypeName(Ljava/lang/Class;Lorg/apache/qpid/server/model/Model;)Ljava/lang/String; |

| | | | |
|---|---|---|---|
| **Finding ID:** | **147** | **Problem Type:** | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):632 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

| | |
|---|---|
| **Description:** | A finding identified by the external 'SpotBugs' plugin: This use of java/io/PrintWriter.println(Ljava/lang/String;)V could be vulnerable to XSS |
| | - In method org.apache.qpid.server.management.plugin.servlet.rest.ApiDocsServlet.writeContextDefaults(PrintWriter, Collection) |
| | - Sink method java/io/PrintWriter.println(Ljava/lang/String;)V |
| | - Sink parameter 0 |
| | - Unknown source org/apache/qpid/server/model/ManagedContextDefault.description()Ljava/lang/String; |
| | - Unknown source org/apache/qpid/server/model/ManagedContextDefault.name()Ljava/lang/String; |

# Findings List

| | | | |
|---|---|---|---|
| **Finding ID:** | **133** | **Problem Type:** | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | DefinedFileServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):94 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of javax/servlet/http/HttpServletResponse.sendError(ILjava/lang/String;)V could be vulnerable to XSS

- In method
org.apache.qpid.server.management.plugin.servlet.DefinedFileServlet.doGet(HttpServletRequest, HttpServletResponse)
- Sink method javax/servlet/http/HttpServletResponse.sendError(ILjava/lang/String;)V
- Sink parameter 0
- Unknown source org/apache/qpid/server/management/plugin/servlet/DefinedFileServlet._filename

| | | | |
|---|---|---|---|
| **Finding ID:** | **123** | **Problem Type:** | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):398 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of javax/servlet/http/HttpServletResponse.sendError(ILjava/lang/String;)V could be vulnerable to XSS

- In method
org.apache.qpid.server.management.plugin.auth.OAuth2InteractiveAuthenticator$FailedAuthenticationHandler.handleAuthentication(HttpServletResponse)
- Sink method javax/servlet/http/HttpServletResponse.sendError(ILjava/lang/String;)V
- Sink parameter 0
- Unknown source org/apache/qpid/server/management/plugin/auth/OAuth2InteractiveAuthenticator$FailedAuthenticationHandler._throwable
- Unknown source org/apache/qpid/server/management/plugin/auth/OAuth2InteractiveAuthenticator$FailedAuthenticationHandler._message

| | | | |
|---|---|---|---|
| **Finding ID:** | **124** | **Problem Type:** | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):402 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin:<br>This use of javax/servlet/http/HttpServletResponse.sendError(ILjava/lang/String;)V could be vulnerable to XSS<br><br>- In method org.apache.qpid.server.management.plugin.auth.OAuth2InteractiveAuthenticator$FailedAuthenticationHandler.handleAuthentication(HttpServletResponse)<br>- Sink method javax/servlet/http/HttpServletResponse.sendError(ILjava/lang/String;)V<br>- Sink parameter 0<br>- Unknown source org/apache/qpid/server/management/plugin/auth/OAuth2InteractiveAuthenticator$FailedAuthenticationHandler._message | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | **127** | **Problem Type:** | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | OAuth2InteractiveAuthenticatorTest.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):287 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin:<br>This use of javax/servlet/http/HttpServletResponse.sendError(ILjava/lang/String;)V could be vulnerable to XSS<br><br>- In method org.apache.qpid.server.management.plugin.auth.OAuth2InteractiveAuthenticatorTest.testUnauthorizedAuthorizationCode()<br>- Sink method javax/servlet/http/HttpServletResponse.sendError(ILjava/lang/String;)V<br>- Sink parameter 0<br>- Unknown source org/mockito/ArgumentMatchers.any(Ljava/lang/Class;)Ljava/lang/Object; | | |

| Finding ID: | **155** | Problem Type: | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | QueueReportServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest): 79 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of java/io/PrintWriter.write(Ljava/lang/String;)V could be vulnerable to XSS

- In method
org.apache.qpid.server.management.plugin.servlet.rest.QueueReportServlet.doGet(HttpServletRequest, HttpServletResponse, ConfiguredObject)
- Sink method java/io/PrintWriter.write(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source org/apache/qpid/server/management/plugin/report/ReportRunner.runReport(Lorg/apache/qpid/server/model/Queue;)Ljava/lang/Object;

---

| Finding ID: | **134** | Problem Type: | FindSecBugs: Potential XSS in Servlet (SpotBugs Security Issues) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RootServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):76 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
This use of javax/servlet/http/HttpServletResponse.sendError(ILjava/lang/String;)V could be vulnerable to XSS

- In method
org.apache.qpid.server.management.plugin.servlet.RootServlet.doGet(HttpServletRequest, HttpServletResponse)
- Sink method javax/servlet/http/HttpServletResponse.sendError(ILjava/lang/String;)V
- Sink parameter 0
- Unknown source org/apache/qpid/server/management/plugin/servlet/RootServlet._filename

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| Finding ID: | **101** | Problem Type: | XSS: Reflected XSS (Taint Paths) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):138 <- AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** An identified taint path for the problem type 'XSS: Reflected XSS'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.PrintWriter.println(java.lang.String)

# Findings List

| | | | |
|---|---|---|---|
| **Finding ID:** | **102** | **Problem Type:** | XSS: Reflected XSS (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):139 <- AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** An identified taint path for the problem type 'XSS: Reflected XSS'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.PrintWriter.println(java.lang.String)

| | | | |
|---|---|---|---|
| **Finding ID:** | **108** | **Problem Type:** | XSS: Reflected XSS (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):140 <- AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** An identified taint path for the problem type 'XSS: Reflected XSS'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.PrintWriter.println(java.lang.String)

| | | | |
|---|---|---|---|
| **Finding ID:** | **100** | **Problem Type:** | XSS: Reflected XSS (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):196 <- AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** An identified taint path for the problem type 'XSS: Reflected XSS'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.PrintWriter.print(java.lang.String)

**Findings List**

| | |
|---|---|
| **Finding ID:** | **106** |
| **Classification:** | Warning |
| **Rating:** | 5.00 |
| **Problem Type:** | XSS: Reflected XSS (Taint Paths) |
| **Date:** | 2020-06-13 18:42:49 - new |
| **Reviewed State:** | Not Reviewed |

**Finding ID:** **106**    **Problem Type:** XSS: Reflected XSS (Taint Paths)
**Classification:** Warning    **Date:** 2020-06-13 18:42:49 - new
**Rating:** 5.00    **Reviewed State:** Not Reviewed
**Location:** ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):204
<-
AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101
**Tags:** no tags assigned
**Comment:** *no comment*
**Description:** An identified taint path for the problem type 'XSS: Reflected XSS'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.PrintWriter.println(java.lang.String)

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**Finding ID:** **105**    **Problem Type:** XSS: Reflected XSS (Taint Paths)
**Classification:** Warning    **Date:** 2020-06-13 18:42:49 - new
**Rating:** 5.00    **Reviewed State:** Not Reviewed
**Location:** ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):205
<-
AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101
**Tags:** no tags assigned
**Comment:** *no comment*
**Description:** An identified taint path for the problem type 'XSS: Reflected XSS'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.PrintWriter.println(java.lang.String)

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**Finding ID:** **109**    **Problem Type:** XSS: Reflected XSS (Taint Paths)
**Classification:** Warning    **Date:** 2020-06-13 18:42:49 - new
**Rating:** 5.00    **Reviewed State:** Not Reviewed
**Location:** ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):221
<-
AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101
**Tags:** no tags assigned
**Comment:** *no comment*
**Description:** An identified taint path for the problem type 'XSS: Reflected XSS'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.PrintWriter.print(java.lang.String)

| Finding ID: | 104 | Problem Type: | XSS: Reflected XSS (Taint Paths) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):233 <- AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** An identified taint path for the problem type 'XSS: Reflected XSS'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.PrintWriter.print(java.lang.String)

| Finding ID: | 98 | Problem Type: | XSS: Reflected XSS (Taint Paths) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):241 <- AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** An identified taint path for the problem type 'XSS: Reflected XSS'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.PrintWriter.print(java.lang.String)

| Finding ID: | 103 | Problem Type: | XSS: Reflected XSS (Taint Paths) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):248 <- AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** An identified taint path for the problem type 'XSS: Reflected XSS'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.PrintWriter.print(java.lang.String)

**Findings List**

| | | | |
|---|---|---|---|
| **Finding ID:** | 99 | **Problem Type:** | XSS: Reflected XSS (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):273 <br> <- <br> AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: Reflected XSS' <br><br> Matching pattern in taint source kind 'Servlet Request Input': <br> java.lang.String javax.servlet.ServletRequest.getServerName() <br><br> Matching pattern in taint sink kind 'XSS - Generic Output Used for Response': <br> void java.io.PrintWriter.print(java.lang.String) | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 96 | **Problem Type:** | XSS: Reflected XSS (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):275 <br> <- <br> AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: Reflected XSS' <br><br> Matching pattern in taint source kind 'Servlet Request Input': <br> java.lang.String javax.servlet.ServletRequest.getServerName() <br><br> Matching pattern in taint sink kind 'XSS - Generic Output Used for Response': <br> void java.io.PrintWriter.print(java.lang.String) | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 107 | **Problem Type:** | XSS: Reflected XSS (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):308 <br> <- <br> AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: Reflected XSS' <br><br> Matching pattern in taint source kind 'Servlet Request Input': <br> java.lang.String javax.servlet.ServletRequest.getServerName() <br><br> Matching pattern in taint sink kind 'XSS - Generic Output Used for Response': <br> void java.io.PrintWriter.println(java.lang.String) | | |

**Findings List**

| | | | |
|---|---|---|---|
| **Finding ID:** | 97 | **Problem Type:** | XSS: Reflected XSS (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):345 <- AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: Reflected XSS'<br><br>Matching pattern in taint source kind 'Servlet Request Input':<br>java.lang.String javax.servlet.ServletRequest.getServerName()<br><br>Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':<br>void java.io.PrintWriter.println(java.lang.String) | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 91 | **Problem Type:** | XSS: Reflected XSS (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | DefinedFileServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):109 <- DefinedFileServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):107 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: Reflected XSS'<br><br>Matching pattern in taint source kind 'Servlet Request Input':<br>java.lang.String javax.servlet.ServletRequest.getScheme()<br><br>Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':<br>void java.io.OutputStream.write(byte[]) | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 92 | **Problem Type:** | XSS: Reflected XSS (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | DefinedFileServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):109 <- DefinedFileServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):108 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: Reflected XSS'<br><br>Matching pattern in taint source kind 'Servlet Request Input':<br>java.lang.String javax.servlet.ServletRequest.getServerName()<br><br>Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':<br>void java.io.OutputStream.write(byte[]) | | |

# Findings List

| | | | |
|---|---|---|---|
| **Finding ID:** | 94 | **Problem Type:** | XSS: Reflected XSS (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RootServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):92 <- RootServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):90 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: Reflected XSS' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getScheme()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.OutputStream.write(byte[])

| | | | |
|---|---|---|---|
| **Finding ID:** | 95 | **Problem Type:** | XSS: Reflected XSS (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RootServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):92 <- RootServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):91 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: Reflected XSS' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.OutputStream.write(byte[])

| | | | |
|---|---|---|---|
| **Finding ID:** | 115 | **Problem Type:** | XSS: Reflected XSS (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 4.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):345 <- OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):331 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: Reflected XSS' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.StringBuffer javax.servlet.ServletRequest.getRequestURL()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.PrintWriter.println(java.lang.String)

**Findings List**

| Finding ID: | **110** | Problem Type: | XSS: Reflected XSS (Taint Paths) |
|---|---|---|---|
| Classification: | Warning | Date: | 2020-06-13 18:42:49 - new |
| Rating: | 3.50 | Reviewed State: | Not Reviewed |
| Location: | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):139 <- ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):82 | | |
| Tags: | no tags assigned | | |
| Comment: | *no comment* | | |
| Description: | An identified taint path for the problem type 'XSS: Reflected XSS' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServletPath()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.PrintWriter.println(java.lang.String)

| Finding ID: | **111** | Problem Type: | XSS: Reflected XSS (Taint Paths) |
|---|---|---|---|
| Classification: | Warning | Date: | 2020-06-13 18:42:49 - new |
| Rating: | 3.50 | Reviewed State: | Not Reviewed |
| Location: | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):216 <- ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):216 | | |
| Tags: | no tags assigned | | |
| Comment: | *no comment* | | |
| Description: | An identified taint path for the problem type 'XSS: Reflected XSS' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServletPath()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.PrintWriter.print(java.lang.String)

| Finding ID: | **112** | Problem Type: | XSS: Reflected XSS (Taint Paths) |
|---|---|---|---|
| Classification: | Warning | Date: | 2020-06-13 18:42:49 - new |
| Rating: | 3.50 | Reviewed State: | Not Reviewed |
| Location: | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):229 <- ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):230 | | |
| Tags: | no tags assigned | | |
| Comment: | *no comment* | | |
| Description: | An identified taint path for the problem type 'XSS: Reflected XSS' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServletPath()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.PrintWriter.print(java.lang.String)

# Findings List

| Finding ID: | **113** | Problem Type: | XSS: Reflected XSS (Taint Paths) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 3.50 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):236 <- | | |
| | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):238 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: Reflected XSS' | | |
| | Matching pattern in taint source kind 'Servlet Request Input': java.lang.String javax.servlet.ServletRequest.getServletPath() | | |
| | Matching pattern in taint sink kind 'XSS - Generic Output Used for Response': void java.io.PrintWriter.print(java.lang.String) | | |

| Finding ID: | **114** | Problem Type: | XSS: Reflected XSS (Taint Paths) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 3.50 | **Reviewed State:** | Not Reviewed |
| **Location:** | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):244 <- | | |
| | ApiDocsServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):245 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: Reflected XSS' | | |
| | Matching pattern in taint source kind 'Servlet Request Input': java.lang.String javax.servlet.ServletRequest.getServletPath() | | |
| | Matching pattern in taint sink kind 'XSS - Generic Output Used for Response': void java.io.PrintWriter.print(java.lang.String) | | |

| Finding ID: | **90** | Problem Type: | XSS: Reflected XSS (Taint Paths) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 3.50 | **Reviewed State:** | Not Reviewed |
| **Location:** | DefinedFileServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):109 <- | | |
| | DefinedFileServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):105 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: Reflected XSS' | | |
| | Matching pattern in taint source kind 'Servlet Request Input': java.lang.String javax.servlet.ServletRequest.getServletPath() | | |
| | Matching pattern in taint sink kind 'XSS - Generic Output Used for Response': void java.io.OutputStream.write(byte[]) | | |

## Findings List

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|---|---|---|---|
| **Finding ID:** | 93 | **Problem Type:** | XSS: Reflected XSS (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 3.50 | **Reviewed State:** | Not Reviewed |
| **Location:** | RootServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):92 <- RootServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet):88 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: Reflected XSS' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServletPath()

Matching pattern in taint sink kind 'XSS - Generic Output Used for Response':
void java.io.OutputStream.write(byte[])

| | | | |
|---|---|---|---|
| **Finding ID:** | 156 | **Problem Type:** | FindSecBugs: Predictable pseudorandom number generator (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | SaslServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):116 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin: The use of java.util.Random is predictable | | |

- In method
org.apache.qpid.server.management.plugin.servlet.rest.SaslServlet.getRandom(HttpServletRequest)
- Value java.util.Random

| Finding ID: | **118** | Problem Type: | FindSecBugs: Unvalidated Redirect (SpotBugs Security Issues) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | | | |

**Finding ID:** **118**  
**Problem Type:** FindSecBugs: Unvalidated Redirect (SpotBugs Security Issues)  
**Classification:** Warning  
**Date:** 2020-06-13 18:42:49 - new  
**Rating:** 8.00  
**Reviewed State:** Not Reviewed  
**Location:** AnonymousInteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):80  
**Tags:** no tags assigned  
**Comment:** *no comment*  
**Description:** A finding identified by the external 'SpotBugs' plugin:
The following redirection could be used by an attacker to redirect users to a phishing website.

- In method
org.apache.qpid.server.management.plugin.auth.AnonymousInteractiveAuthenticator.lambda$getAuthenticationHandler$1(HttpManagementConfiguration, HttpServletRequest, Port, HttpServletResponse)
- Sink method javax/servlet/http/HttpServletResponse.sendRedirect(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source javax/servlet/http/HttpServletRequest.getRequestURL()Ljava/lang/StringBuffer;
- Unknown source javax/servlet/http/HttpServletRequest.getQueryString()Ljava/lang/String;
- Unknown source org/apache/qpid/server/management/plugin/auth/AnonymousInteractiveAuthenticator.getOriginalRequestUri(Ljavax/servlet/http/HttpServletRequest;)Ljava/lang/String;
- Unknown source java/lang/StringBuffer.toString()Ljava/lang/String;
- Unknown source java/lang/StringBuffer.append(Ljava/lang/String;)Ljava/lang/StringBuffer;

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**Finding ID:** **120**  
**Problem Type:** FindSecBugs: Unvalidated Redirect (SpotBugs Security Issues)  
**Classification:** Warning  
**Date:** 2020-06-13 18:42:49 - new  
**Rating:** 8.00  
**Reviewed State:** Not Reviewed  
**Location:** OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):137  
**Tags:** no tags assigned  
**Comment:** *no comment*  
**Description:** A finding identified by the external 'SpotBugs' plugin:
The following redirection could be used by an attacker to redirect users to a phishing website.

- In method
org.apache.qpid.server.management.plugin.auth.OAuth2InteractiveAuthenticator.lambda$getAuthenticationHandler$0(HttpManagementConfiguration, HttpServletRequest, OAuth2AuthenticationProvider, String, HttpServletResponse)
- Sink method javax/servlet/http/HttpServletResponse.sendRedirect(Ljava/lang/String;)V
- Sink parameter 0
- Method usage not detected

| | | | |
|---|---|---|---|
| **Finding ID:** | **121** | **Problem Type:** | FindSecBugs: Unvalidated Redirect (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):178 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
The following redirection could be used by an attacker to redirect users to a phishing website.

- In method
org.apache.qpid.server.management.plugin.auth.OAuth2InteractiveAuthenticator$1.handleAuthentication(HttpServletResponse)
- Sink method javax/servlet/http/HttpServletResponse.sendRedirect(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source org/apache/qpid/server/management/plugin/auth/
OAuth2InteractiveAuthenticator$1.val$originalRequestUri

| | | | |
|---|---|---|---|
| **Finding ID:** | **122** | **Problem Type:** | FindSecBugs: Unvalidated Redirect (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):241 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
The following redirection could be used by an attacker to redirect users to a phishing website.

- In method
org.apache.qpid.server.management.plugin.auth.OAuth2InteractiveAuthenticator$2.handleLogout(HttpServletResponse)
- Sink method javax/servlet/http/HttpServletResponse.sendRedirect(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source org/apache/qpid/server/management/plugin/auth/
OAuth2InteractiveAuthenticator$2.val$postLogoutRedirect

| | | | |
|---|---|---|---|
| **Finding ID:** | **125** | **Problem Type:** | FindSecBugs: Unvalidated Redirect (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | OAuth2InteractiveAuthenticatorTest.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):133 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin:<br>The following redirection could be used by an attacker to redirect users to a phishing website.<br><br>- In method org.apache.qpid.server.management.plugin.auth.OAuth2InteractiveAuthenticatorTest.testInitialRedirect()<br>- Sink method javax/servlet/http/HttpServletResponse.sendRedirect(Ljava/lang/String;)V<br>- Sink parameter 0<br>- Unknown source org/mockito/ArgumentCaptor.capture()Ljava/lang/Object; | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | **126** | **Problem Type:** | FindSecBugs: Unvalidated Redirect (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | OAuth2InteractiveAuthenticatorTest.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):169 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin:<br>The following redirection could be used by an attacker to redirect users to a phishing website.<br><br>- In method org.apache.qpid.server.management.plugin.auth.OAuth2InteractiveAuthenticatorTest.testValidLogin()<br>- Sink method javax/servlet/http/HttpServletResponse.sendRedirect(Ljava/lang/String;)V<br>- Sink parameter 0<br>- Unknown source org/mockito/ArgumentCaptor.capture()Ljava/lang/Object; | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | **131** | **Problem Type:** | FindSecBugs: Unvalidated Redirect (SpotBugs Security Issues) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RedirectFilter.java (<Source Code>/org/apache/qpid/server/management/plugin/filter):50 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin:<br>The following redirection could be used by an attacker to redirect users to a phishing website.<br><br>- In method org.apache.qpid.server.management.plugin.filter.RedirectFilter.doFilter(ServletRequest, ServletResponse, FilterChain)<br>- Sink method javax/servlet/http/HttpServletResponse.sendRedirect(Ljava/lang/String;)V<br>- Sink parameter 0<br>- Unknown source org/apache/qpid/server/management/plugin/filter/RedirectFilter._redirectURI | | |

# Findings List

| Finding ID: | **117** | Problem Type: | FindSecBugs: Unvalidated Redirect (SpotBugs Security Issues) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RewriteServlet.java (<Source Code>/org/apache/qpid/server/management/plugin):53 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** A finding identified by the external 'SpotBugs' plugin:
The following redirection could be used by an attacker to redirect users to a phishing website.

- In method org.apache.qpid.server.management.plugin.RewriteServlet.service(HttpServletRequest, HttpServletResponse)
- Sink method javax/servlet/http/HttpServletResponse.sendRedirect(Ljava/lang/String;)V
- Sink parameter 0
- Unknown source javax/servlet/http/HttpServletRequest.getQueryString()Ljava/lang/String;
- Unknown source org/apache/qpid/server/management/plugin/RewriteServlet._replacement
- Unknown source javax/servlet/http/HttpServletRequest.getRequestURI()Ljava/lang/String;

| Finding ID: | **44** | Problem Type: | Injection: Reflection Injection (Taint Paths) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ReportRunner.java (<Source Code>/org/apache/qpid/server/management/plugin/report):109 <- QueueReportServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):70 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** An identified taint path for the problem type 'Injection: Reflection Injection'

Matching pattern in taint source kind 'Servlet Request Input':
java.util.Map javax.servlet.ServletRequest.getParameterMap()

Matching pattern in taint sink kind 'Reflection Injection':
java.lang.reflect.Method java.lang.Class.getMethod(java.lang.String, java.lang.Class[])

| Finding ID: | **43** | Problem Type: | Injection: Reflection Injection (Taint Paths) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ReportRunner.java (<Source Code>/org/apache/qpid/server/management/plugin/report):121 <- QueueReportServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):70 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** An identified taint path for the problem type 'Injection: Reflection Injection'

Matching pattern in taint source kind 'Servlet Request Input':
java.util.Map javax.servlet.ServletRequest.getParameterMap()

Matching pattern in taint sink kind 'Reflection Injection':
java.lang.reflect.Method java.lang.Class.getMethod(java.lang.String, java.lang.Class[])

# Findings List

| Finding ID: | **46** | Problem Type: | Injection: Reflection Injection (Taint Paths) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 4.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ReportRunner.java (<Source Code>/org/apache/qpid/server/management/plugin/report):109 <- OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):331 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Injection: Reflection Injection'  Matching pattern in taint source kind 'Servlet Request Input': java.lang.StringBuffer javax.servlet.ServletRequest.getRequestURL()  Matching pattern in taint sink kind 'Reflection Injection': java.lang.reflect.Method java.lang.Class.getMethod(java.lang.String, java.lang.Class[]) | | |

| Finding ID: | **45** | Problem Type: | Injection: Reflection Injection (Taint Paths) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 4.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ReportRunner.java (<Source Code>/org/apache/qpid/server/management/plugin/report):121 <- OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):331 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Injection: Reflection Injection'  Matching pattern in taint source kind 'Servlet Request Input': java.lang.StringBuffer javax.servlet.ServletRequest.getRequestURL()  Matching pattern in taint sink kind 'Reflection Injection': java.lang.reflect.Method java.lang.Class.getMethod(java.lang.String, java.lang.Class[]) | | |

| Finding ID: | **63** | Problem Type: | Resource Leak: IO Stream Resource Leak (Resource Leaks) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):440 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified Resource Leak: IO Stream Resource Leak  Matching pattern in open resource kind 'IO Stream Opened': java.io.InputStream javax.servlet.http.Part.getInputStream() | | |

## Findings List

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|---|---|---|---|
| **Finding ID:** | 64 | **Problem Type:** | Resource Leak: IO Stream Resource Leak (Resource Leaks) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):440 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified Resource Leak: IO Stream Resource Leak<br><br>Matching pattern in open resource kind 'IO Stream Opened':<br>java.io.InputStream javax.servlet.http.Part.getInputStream() | | |

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|---|---|---|---|
| **Finding ID:** | 65 | **Problem Type:** | Resource Leak: IO Stream Resource Leak (Resource Leaks) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | RestServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):440 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified Resource Leak: IO Stream Resource Leak<br><br>Matching pattern in open resource kind 'IO Stream Opened':<br>java.io.InputStream javax.servlet.http.Part.getInputStream() | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 135 | **Problem Type:** | SpotBugs: Field should be moved out of an interface and made package protected (SpotBugs Malicious Code Vulnerabilities) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ConfiguredObjectFilterParserConstants.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/query):89 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin:<br>org.apache.qpid.server.management.plugin.servlet.query.ConfiguredObjectFilterParserConstants.tokenImage should be moved out of an interface and made package protected<br><br>- Field<br>org.apache.qpid.server.management.plugin.servlet.query.ConfiguredObjectFilterParserConstants.tokenImage | | |

| Finding ID: | **136** | Problem Type: | SpotBugs: Field should be package protected (SpotBugs Malicious Code Vulnerabilities) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ConfiguredObjectFilterParserTokenManager.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/query):930 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin: org.apache.qpid.server.management.plugin.servlet.query.ConfiguredObjectFilterParserTokenManager.jjstrLiteralImages should be package protected<br><br>- Field org.apache.qpid.server.management.plugin.servlet.query.ConfiguredObjectFilterParserTokenManager.jjstrLiteralImages | | |

| Finding ID: | **128** | Problem Type: | SpotBugs: Load of known null value (SpotBugs Dodgy Code) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractLegacyConfiguredObjectController.java (<Source Code>/org/apache/qpid/server/management/plugin/controller):270 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin: Load of known null value in org.apache.qpid.server.management.plugin.controller.AbstractLegacyConfiguredObjectController.getRequestType(ManagementRequest)<br><br>- In method org.apache.qpid.server.management.plugin.controller.AbstractLegacyConfiguredObjectController.getRequestType(ManagementRequest)<br>- Value loaded from category | | |

| Finding ID: | **119** | Problem Type: | SpotBugs: Load of known null value (SpotBugs Dodgy Code) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):147 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin: Load of known null value in org.apache.qpid.server.management.plugin.auth.OAuth2InteractiveAuthenticator.getAuthenticationHandler(HttpServletRequest, HttpManagementConfiguration)<br><br>- In method org.apache.qpid.server.management.plugin.auth.OAuth2InteractiveAuthenticator.getAuthenticationHandler(HttpServletRequest, HttpManagementConfiguration)<br>- Value loaded from state | | |

# Findings List

| Finding ID: | **132** | Problem Type: | SpotBugs: May expose internal representation by incorporating reference to mutable object (SpotBugs Malicious Code Vulnerabilities) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | TestTextReport.java (<Source Code>/org/apache/qpid/server/management/plugin/report):80 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin: org.apache.qpid.server.management.plugin.report.TestTextReport.setStringArrayParam(String[]) may expose internal representation by storing an externally mutable object into TestTextReport._stringArrayParam<br><br>- In method org.apache.qpid.server.management.plugin.report.TestTextReport.setStringArrayParam(String[])<br>- Field org.apache.qpid.server.management.plugin.report.TestTextReport._stringArrayParam<br>- Local variable named value | | |

| Finding ID: | **130** | Problem Type: | SpotBugs: May expose internal representation by returning reference to mutable object (SpotBugs Malicious Code Vulnerabilities) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 8.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | LegacyCategoryController.java (<Source Code>/org/apache/qpid/server/management/plugin/controller/v6_1/category):54 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin: org.apache.qpid.server.management.plugin.controller.v6_1.category.LegacyCategoryController.getParentCategories() may expose internal representation by returning LegacyCategoryController._parentCategories<br><br>- In method org.apache.qpid.server.management.plugin.controller.v6_1.category.LegacyCategoryController.getParentCategories()<br>- Field org.apache.qpid.server.management.plugin.controller.v6_1.category.LegacyCategoryController._parentCategories | | |

# Findings List

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|---|---|---|---|
| **Finding ID:** | 129 | **Problem Type:** | SpotBugs: Method call passes null for non-null parameter (SpotBugs Correctness) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 6.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractLegacyConfiguredObjectController.java (<Source Code>/org/apache/qpid/server/management/plugin/controller):271 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | A finding identified by the external 'SpotBugs' plugin: Null passed for non-null parameter of getCategoryMapping(String) in org.apache.qpid.server.management.plugin.controller.AbstractLegacyConfiguredObjectController.getRequestType(ManagementRequest)<br><br>- In method org.apache.qpid.server.management.plugin.controller.AbstractLegacyConfiguredObjectController.getRequestType(ManagementRequest)<br>- Called method org.apache.qpid.server.management.plugin.controller.AbstractLegacyConfiguredObjectController.getCategoryMapping(String)<br>- Value loaded from category<br>- Argument 1 is definitely null but must not be null<br>- Definite null passed to dangerous method call target org.apache.qpid.server.management.plugin.controller.AbstractLegacyConfiguredObjectController.getCategoryMapping(String) | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 77 | **Problem Type:** | Trust Boundary Violation: HTTP Session (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | HttpManagementUtil.java (<Source Code>/org/apache/qpid/server/management/plugin):342 <- AnonymousInteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):66 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Trust Boundary Violation: HTTP Session'<br><br>Matching pattern in taint source kind 'Servlet Request Input':<br>java.lang.String javax.servlet.ServletRequest.getServerName()<br><br>Matching pattern in taint sink kind 'HTTP Session':<br>void javax.servlet.http.HttpSession.setAttribute(java.lang.String, java.lang.Object) | | |

# Findings List

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|---|---|---|---|
| **Finding ID:** | 69 | **Problem Type:** | Trust Boundary Violation: HTTP Session (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | HttpManagementUtil.java (<Source Code>/org/apache/qpid/server/management/plugin):342 <- OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):163 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** An identified taint path for the problem type 'Trust Boundary Violation: HTTP Session'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'HTTP Session':
void javax.servlet.http.HttpSession.setAttribute(java.lang.String, java.lang.Object)

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| | | | |
|---|---|---|---|
| **Finding ID:** | 71 | **Problem Type:** | Trust Boundary Violation: HTTP Session (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | HttpManagementUtil.java (<Source Code>/org/apache/qpid/server/management/plugin):342 <- OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):197 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** An identified taint path for the problem type 'Trust Boundary Violation: HTTP Session'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'HTTP Session':
void javax.servlet.http.HttpSession.setAttribute(java.lang.String, java.lang.Object)

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| | | | |
|---|---|---|---|
| **Finding ID:** | 70 | **Problem Type:** | Trust Boundary Violation: HTTP Session (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | HttpManagementUtil.java (<Source Code>/org/apache/qpid/server/management/plugin):342 <- SSLClientCertPreemptiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):55 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |

**Description:** An identified taint path for the problem type 'Trust Boundary Violation: HTTP Session'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'HTTP Session':
void javax.servlet.http.HttpSession.setAttribute(java.lang.String, java.lang.Object)

## Findings List

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|---|---|---|---|
| **Finding ID:** | 66 | **Problem Type:** | Trust Boundary Violation: HTTP Session (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |

**Location:** HttpManagementUtil.java (<Source Code>/org/apache/qpid/server/management/plugin):342 <- SaslServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):134

**Tags:** no tags assigned

**Comment:** *no comment*

**Description:** An identified taint path for the problem type 'Trust Boundary Violation: HTTP Session'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getParameter(java.lang.String)

Matching pattern in taint sink kind 'HTTP Session':
void javax.servlet.http.HttpSession.setAttribute(java.lang.String, java.lang.Object)

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| | | | |
|---|---|---|---|
| **Finding ID:** | 67 | **Problem Type:** | Trust Boundary Violation: HTTP Session (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |

**Location:** HttpManagementUtil.java (<Source Code>/org/apache/qpid/server/management/plugin):342 <- SaslServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):136

**Tags:** no tags assigned

**Comment:** *no comment*

**Description:** An identified taint path for the problem type 'Trust Boundary Violation: HTTP Session'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getParameter(java.lang.String)

Matching pattern in taint sink kind 'HTTP Session':
void javax.servlet.http.HttpSession.setAttribute(java.lang.String, java.lang.Object)

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| | | | |
|---|---|---|---|
| **Finding ID:** | 68 | **Problem Type:** | Trust Boundary Violation: HTTP Session (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |

**Location:** HttpManagementUtil.java (<Source Code>/org/apache/qpid/server/management/plugin):342 <- SaslServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):298

**Tags:** no tags assigned

**Comment:** *no comment*

**Description:** An identified taint path for the problem type 'Trust Boundary Violation: HTTP Session'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'HTTP Session':
void javax.servlet.http.HttpSession.setAttribute(java.lang.String, java.lang.Object)

**Findings List**

| | | | |
|---|---|---|---|
| **Finding ID:** | 75 | **Problem Type:** | Trust Boundary Violation: HTTP Session (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | HttpManagementUtil.java (<Source Code>/org/apache/qpid/server/management/plugin):342 <- SpnegoInteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):57 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Trust Boundary Violation: HTTP Session' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getHeader(java.lang.String)

Matching pattern in taint sink kind 'HTTP Session':
void javax.servlet.http.HttpSession.setAttribute(java.lang.String, java.lang.Object)

| | | | |
|---|---|---|---|
| **Finding ID:** | 76 | **Problem Type:** | Trust Boundary Violation: HTTP Session (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | HttpManagementUtil.java (<Source Code>/org/apache/qpid/server/management/plugin):342 <- SpnegoInteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):75 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Trust Boundary Violation: HTTP Session' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'HTTP Session':
void javax.servlet.http.HttpSession.setAttribute(java.lang.String, java.lang.Object)

| | | | |
|---|---|---|---|
| **Finding ID:** | 74 | **Problem Type:** | Trust Boundary Violation: HTTP Session (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):264 <- OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):296 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'Trust Boundary Violation: HTTP Session' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getQueryString()

Matching pattern in taint sink kind 'HTTP Session':
void javax.servlet.http.HttpSession.setAttribute(java.lang.String, java.lang.Object)

# Findings List

| Finding ID: | **72** | Problem Type: | Trust Boundary Violation: HTTP Session (Taint Paths) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 4.00 | **Reviewed State:** | Not Reviewed |

**Location:** OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):262
<-
OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):331

**Tags:** no tags assigned

**Comment:** *no comment*

**Description:** An identified taint path for the problem type 'Trust Boundary Violation: HTTP Session'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.StringBuffer javax.servlet.ServletRequest.getRequestURL()

Matching pattern in taint sink kind 'HTTP Session':
void javax.servlet.http.HttpSession.setAttribute(java.lang.String, java.lang.Object)

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| Finding ID: | **73** | Problem Type: | Trust Boundary Violation: HTTP Session (Taint Paths) |
|---|---|---|---|
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 4.00 | **Reviewed State:** | Not Reviewed |

**Location:** OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):264
<-
OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):295

**Tags:** no tags assigned

**Comment:** *no comment*

**Description:** An identified taint path for the problem type 'Trust Boundary Violation: HTTP Session'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.StringBuffer javax.servlet.ServletRequest.getRequestURL()

Matching pattern in taint sink kind 'HTTP Session':
void javax.servlet.http.HttpSession.setAttribute(java.lang.String, java.lang.Object)

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| Finding ID: | **4** | Problem Type: | Usage: Java Reflection (Special Code) |
|---|---|---|---|
| **Classification:** | Information | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 0.00 | **Reviewed State:** | Not Reviewed |

**Location:** AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):349

**Tags:** no tags assigned

**Comment:** *no comment*

**Description:** An identified location for problem type 'Usage: Java Reflection'.
Declared in: java.lang.reflect.Method

Matching pattern in special code kind 'Usage: Java Reflection':
java.lang.Object java.lang.reflect.Method.invoke(java.lang.Object, java.lang.Object[])

# Findings List

| | | | |
|---|---|---|---|
| **Finding ID:** | 2 | **Problem Type:** | Usage: Java Reflection (Special Code) |
| **Classification:** | Information | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 0.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ReportRunner.java (<Source Code>/org/apache/qpid/server/management/plugin/report):110 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Java Reflection'. Declared in: java.lang.reflect.Method<br><br>Matching pattern in special code kind 'Usage: Java Reflection': java.lang.Object java.lang.reflect.Method.invoke(java.lang.Object, java.lang.Object[]) | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 3 | **Problem Type:** | Usage: Java Reflection (Special Code) |
| **Classification:** | Information | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 0.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ReportRunner.java (<Source Code>/org/apache/qpid/server/management/plugin/report):122 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Java Reflection'. Declared in: java.lang.reflect.Method<br><br>Matching pattern in special code kind 'Usage: Java Reflection': java.lang.Object java.lang.reflect.Method.invoke(java.lang.Object, java.lang.Object[]) | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 1 | **Problem Type:** | Usage: Java Reflection (Special Code) |
| **Classification:** | Information | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 0.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | ReportRunner.java (<Source Code>/org/apache/qpid/server/management/plugin/report):176 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Java Reflection'. Declared in: java.lang.Class<br><br>Matching pattern in special code kind 'Usage: Java Reflection': java.lang.Object java.lang.Class.newInstance() | | |

# Findings List

| | | | |
|---|---|---|---|
| **Finding ID:** | 36 | **Problem Type:** | Usage: Java Servlet Forward and Include (Special Code) |
| **Classification:** | Information | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 0.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | SpnegoInteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):82 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Java Servlet Forward and Include'. Declared in: javax.servlet.RequestDispatcher | | |
| | Matching pattern in special code kind 'Usage: Java Servlet Forward and Include': void javax.servlet.RequestDispatcher.forward(javax.servlet.ServletRequest, javax.servlet.ServletResponse) | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 35 | **Problem Type:** | Usage: Java Servlet Forward and Include (Special Code) |
| **Classification:** | Information | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 0.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | UsernamePasswordInteractiveLogin.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):55 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: Java Servlet Forward and Include'. Declared in: javax.servlet.RequestDispatcher | | |
| | Matching pattern in special code kind 'Usage: Java Servlet Forward and Include': void javax.servlet.RequestDispatcher.forward(javax.servlet.ServletRequest, javax.servlet.ServletResponse) | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 34 | **Problem Type:** | Usage: java.util.Random (Special Code) |
| **Classification:** | Manual Review Required | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | SaslServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):116 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified location for problem type 'Usage: java.util.Random'. Declared in: java.util.Random | | |
| | Matching pattern in special code kind 'Usage: java.util.Random': java.util.Random(long) | | |

# Findings List

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|---|---|---|---|
| **Finding ID:** | 89 | **Problem Type:** | XSS: URL Redirection Abuse (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 6.50 | **Reviewed State:** | Not Reviewed |
| **Location:** | AnonymousInteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):80 | | |

**Location:** AnonymousInteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):80
 <-
AnonymousInteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):126

**Tags:** no tags assigned

**Comment:** *no comment*

**Description:** An identified taint path for the problem type 'XSS: URL Redirection Abuse'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getQueryString()

Matching pattern in taint sink kind 'URL Redirection':
void javax.servlet.http.HttpServletResponse.sendRedirect(java.lang.String)

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| | | | |
|---|---|---|---|
| **Finding ID:** | 85 | **Problem Type:** | XSS: URL Redirection Abuse (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 6.50 | **Reviewed State:** | Not Reviewed |

**Location:** OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):137
 <-
OAuth2InteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):255

**Tags:** no tags assigned

**Comment:** *no comment*

**Description:** An identified taint path for the problem type 'XSS: URL Redirection Abuse'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'URL Redirection':
void javax.servlet.http.HttpServletResponse.sendRedirect(java.lang.String)

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| | | | |
|---|---|---|---|
| **Finding ID:** | 79 | **Problem Type:** | XSS: URL Redirection Abuse (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 6.50 | **Reviewed State:** | Not Reviewed |

**Location:** RewriteServlet.java (<Source Code>/org/apache/qpid/server/management/plugin):53
 <-
RewriteServlet.java (<Source Code>/org/apache/qpid/server/management/plugin):51

**Tags:** no tags assigned

**Comment:** *no comment*

**Description:** An identified taint path for the problem type 'XSS: URL Redirection Abuse'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getQueryString()

Matching pattern in taint sink kind 'URL Redirection':
void javax.servlet.http.HttpServletResponse.sendRedirect(java.lang.String)

# Findings List

| | | | |
|---|---|---|---|
| **Finding ID:** | 88 | **Problem Type:** | XSS: URL Redirection Abuse (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.50 | **Reviewed State:** | Not Reviewed |

**Location:** AnonymousInteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):80
    <-
AnonymousInteractiveAuthenticator.java (<Source Code>/org/apache/qpid/server/management/plugin/auth):125

**Tags:** no tags assigned

**Comment:** *no comment*

**Description:** An identified taint path for the problem type 'XSS: URL Redirection Abuse'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.StringBuffer javax.servlet.ServletRequest.getRequestURL()

Matching pattern in taint sink kind 'URL Redirection':
void javax.servlet.http.HttpServletResponse.sendRedirect(java.lang.String)

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| | | | |
|---|---|---|---|
| **Finding ID:** | 78 | **Problem Type:** | XSS: URL Redirection Abuse (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 5.50 | **Reviewed State:** | Not Reviewed |

**Location:** RewriteServlet.java (<Source Code>/org/apache/qpid/server/management/plugin):53
    <-
RewriteServlet.java (<Source Code>/org/apache/qpid/server/management/plugin):48

**Tags:** no tags assigned

**Comment:** *no comment*

**Description:** An identified taint path for the problem type 'XSS: URL Redirection Abuse'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getRequestURI()

Matching pattern in taint sink kind 'URL Redirection':
void javax.servlet.http.HttpServletResponse.sendRedirect(java.lang.String)

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| | | | |
|---|---|---|---|
| **Finding ID:** | 83 | **Problem Type:** | XSS: URL Redirection Abuse (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 3.00 | **Reviewed State:** | Not Reviewed |

**Location:** AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):370
    <-
AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):101

**Tags:** no tags assigned

**Comment:** *no comment*

**Description:** An identified taint path for the problem type 'XSS: URL Redirection Abuse'

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'URL Redirection':
void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String)

# Findings List

| | | | |
|---|---|---|---|
| **Finding ID:** | 81 | **Problem Type:** | XSS: URL Redirection Abuse (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 3.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):370 <- SaslServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):134 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: URL Redirection Abuse' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getParameter(java.lang.String)

Matching pattern in taint sink kind 'URL Redirection':
void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String)

| | | | |
|---|---|---|---|
| **Finding ID:** | 82 | **Problem Type:** | XSS: URL Redirection Abuse (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 3.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):370 <- SaslServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):136 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: URL Redirection Abuse' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getParameter(java.lang.String)

Matching pattern in taint sink kind 'URL Redirection':
void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String)

| | | | |
|---|---|---|---|
| **Finding ID:** | 84 | **Problem Type:** | XSS: URL Redirection Abuse (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 3.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):370 <- SaslServlet.java (<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):298 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: URL Redirection Abuse' | | |

Matching pattern in taint source kind 'Servlet Request Input':
java.lang.String javax.servlet.ServletRequest.getServerName()

Matching pattern in taint sink kind 'URL Redirection':
void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String)

# Findings List

| | | | |
|---|---|---|---|
| **Finding ID:** | 80 | **Problem Type:** | XSS: URL Redirection Abuse (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 3.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (\<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):370 <- SaslServlet.java (\<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):98 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: URL Redirection Abuse'<br><br>Matching pattern in taint source kind 'Servlet Request Input':<br>java.lang.String javax.servlet.ServletRequest.getRemoteUser()<br><br>Matching pattern in taint sink kind 'URL Redirection':<br>void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String) | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 86 | **Problem Type:** | XSS: URL Redirection Abuse (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 2.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (\<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):294 <- OAuth2InteractiveAuthenticator.java (\<Source Code>/org/apache/qpid/server/management/plugin/auth):331 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: URL Redirection Abuse'<br><br>Matching pattern in taint source kind 'Servlet Request Input':<br>java.lang.StringBuffer javax.servlet.ServletRequest.getRequestURL()<br><br>Matching pattern in taint sink kind 'URL Redirection':<br>void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String) | | |

| | | | |
|---|---|---|---|
| **Finding ID:** | 87 | **Problem Type:** | XSS: URL Redirection Abuse (Taint Paths) |
| **Classification:** | Warning | **Date:** | 2020-06-13 18:42:49 - new |
| **Rating:** | 2.00 | **Reviewed State:** | Not Reviewed |
| **Location:** | AbstractServlet.java (\<Source Code>/org/apache/qpid/server/management/plugin/servlet/rest):370 <- OAuth2InteractiveAuthenticator.java (\<Source Code>/org/apache/qpid/server/management/plugin/auth):331 | | |
| **Tags:** | no tags assigned | | |
| **Comment:** | *no comment* | | |
| **Description:** | An identified taint path for the problem type 'XSS: URL Redirection Abuse'<br><br>Matching pattern in taint source kind 'Servlet Request Input':<br>java.lang.StringBuffer javax.servlet.ServletRequest.getRequestURL()<br><br>Matching pattern in taint sink kind 'URL Redirection':<br>void javax.servlet.http.HttpServletResponse.setHeader(java.lang.String, java.lang.String) | | |