

1. Examples in Tomcat

t # 7 相关

中心[tomcat(11aeac2d624e88272e6a932a3b1ebea103ab1a77),
tomcat(737307506b8f14b2eccde5a44c05a4e0b2f4b1cf)]

扩展 TLS 客户端提取的 hello 数据包，以包括客户端请求的 ALPN 名称。

Adding ALPN support for JSSE with Java 9

Expand the data extracted from the TLS client hello to include the client requested ALPN names.

添加支持存储协议的变量

```
2 33 public class TLSClientHelloExtractor {
3 34     private static final Log log = LoggerFactory.getLog(TLSClientHelloEx
4 35     private static final StringManager sm = StringManager.getManager(
5 36
5 37
7 38     private final ExtractorResult result;
8 39     private final List<Cipher> clientRequestedCiphers;
9 40     private final String sniValue;
10 41 +    private final List<String> clientRequestedApplicationProtocols;
11 42
12 43     private static final int TLS_RECORD_HEADER_LEN = 5;
13 44
14 45 +    private static final int TLS_EXTENSION_SERVER_NAME = 0;
15 46 +    private static final int TLS_EXTENSION_ALPN = 16;
16 47
17 48
54 * @param netInBuffer The buffer containing the TLS data to process
55 */
56 public TLSClientHelloExtractor(ByteBuffer netInBuffer) {
57     // TODO: Detect use of http on a secure connection and provide a simple
58     // error page.
59
60     // Buffer is in write mode at this point. Record the current position so
61     // the buffer state can be restored at the end of this method.
62     int pos = netInBuffer.position();
63     int limit = netInBuffer.limit();
64     ExtractorResult result = ExtractorResult.NOT_PRESENT;
65     List<Cipher> clientRequestedCiphers = new ArrayList<>();
66 +    List<String> clientRequestedApplicationProtocols = new ArrayList<>();
67     String sniValue = null;
68     try {
```

添加两个方法

```
1800
181+ public List<String> getClientRequestedApplicationProtocols() {
182+     if (result == ExtractorResult.COMPLETE || result == ExtractorResult.NOT_PRESENT) {
183+         return clientRequestedApplicationProtocols;
184+     } else {
185+         throw new IllegalStateException();
186+     }
187+ }
188+
266+ private static void readAlpnExtension(ByteBuffer bb, List<String> protocolNames) {
267+     // First 2 bytes are size of the protocol list
268+     char toRead = bb.getChar();
269+     byte[] inputBuffer = new byte[255];
270+     while (toRead > 0) {
271+         // Each list entry has one byte for length followed by a string of
272+         // that length
273+         int len = bb.get() & 0xFF;
274+         bb.get(inputBuffer, 0, len);
275+         protocolNames.add(new String(inputBuffer, 0, len, StandardCharsets.UTF_8));
276+         toRead--;
277+         toRead -= len;
278+     }
```

修改一个方法

```
25 254 private static String readSniExtension(ByteBuffer bb) {
26 -     // SNI extension is type 0
27 -     char extensionType = bb.getChar();
28 -     // Next byte is data size
29 -     char extensionDataSize = bb.getChar();
30 -     if (extensionType == 0) {
31 255     // First 2 bytes are size of server name list (only expecting one)
32 256     // Next byte is type (0 for hostname)
33 257     skipBytes(bb, 3);
34 258     // Next 2 bytes are length of host name
35 259     char serverNameSize = bb.getChar();
36 260     byte[] serverNameBytes = new byte[serverNameSize];
37 261     bb.get(serverNameBytes);
38 262     return new String(serverNameBytes, StandardCharsets.UTF_8);
39 -     } else {
40 -         skipBytes(bb, extensionDataSize);
41 263     }
42 -     return null;
```

在构造方法中，先初始化协议的列表。然后根据客户端建立连接所需要的初始信息，存储协议内容

```

Diff with a/78476ab: Add bug reference
java/org/apache/tomcat/util/net/TLSClientHelloExtractor

120 - while (netInBuffer.hasRemaining() && sniValue == null) {
124 + // Read the extensions until we run out of data or find the data
125 + // we need
126 + while (netInBuffer.hasRemaining() &&
127 + (sniValue == null || clientRequestedApplicationProtocols.size() == 0)) {
128 + // Extension type is two byte
129 + char extensionType = netInBuffer.getChar();
130 + // Extension size is another two bytes
131 + char extensionDataSize = netInBuffer.getChar();
132 + switch (extensionType) {
133 + case TLS_EXTENSION_SERVER_NAME: {
121 134 sniValue = readSniExtension(netInBuffer);
135 + break;
136 + }
137 + case TLS_EXTENSION_ALPN:
138 + readAlpnExtension(netInBuffer, clientRequestedApplicationProtocols);
139 + break;
140 + default: {
141 + skipBytes(netInBuffer, extensionDataSize);
122 142 }
123 - if (sniValue != null) {
124 - result = ExtractorResult.COMPLETE;
125 143 }
144 + }
145 + result = ExtractorResult.COMPLETE;
126 146 } finally {
127 147 this.result = result;
128 148 this.clientRequestedCiphers = clientRequestedCiphers;
149 + this.clientRequestedApplicationProtocols = clientRequestedApplicationProtocols;
129 150 this.sniValue = sniValue;
130 151 }

```

解析客户端发送的 hello 消息时出现的溢出问题，意味着处理程序需要进行完整读取，看起来像是来自 NIO 的复制/粘贴错误；
有效窗口提交：

后-tomcat(1955fee1e3ba6fdec43d3717222226cbe49f19e1)

在 Java 9 中添加对 JSSE 的 ALPN 支持。添加一些管道，将客户机请求的应用程序协议公开到配置 SSLEngine 的方法中；

首先，在 AbstractJsseEndpoint 中，修改 createSSLEngine 方法，新增 List<String> clientRequestedApplicationProtocols 协议参数。由于 SecureNio2Channel 和 SecureNioChannel 存在共同祖先（父类的父类），二者做同样的调整，根据从 TLSClientHelloExtractor.getClientRequestedApplicationProtocols() 所获取的协议，创建对应的 SSLEngine。

Make the accessTimeout configurable in BackupManager. The accessTimeout is used as a timeout period for PING in replication map. k Fujino 5 年前

Adding ALPN support for JSSE with Java 9 Add some plumbing to expose the client requested application protocols to the method that configures the SSLEngine Mark Thomas 5 年前

WS Mark Thomas 5 年前

Correct location of comment Mark Thomas 5 年前

提交 差异 文件树 GPG 控制台

使用正则表达式筛选文件

Diff with a/d4976e32: ws

java/org/apache/tomcat/util/net/AbstractJsseEndpoint.java

java/org/apache/tomcat/util/net/SecureNio2Channel.java

java/org/apache/tomcat/util/net/SecureNioChannel.java

```

diff --git a/java/org/apache/tomcat/util/net/AbstractJsseEndpoint.java b/java/org/apache/tomcat/util/net/AbstractJsseEndpoint.java
index abdbc64c8..8d06f485ac 100644
--- a/java/org/apache/tomcat/util/net/AbstractJsseEndpoint.java
+++ b/java/org/apache/tomcat/util/net/AbstractJsseEndpoint.java
@@ -137,7 +137,8 @@ public abstract class AbstractJsseEndpoint<S,U> extends AbstractEndpoint<S,U> {
     }

137 137
138 138
139 139
140 - protected SSLEngine createSSLEngine(String sniHostName, List<Cipher> clientRequestedCiphers) {
141 + protected SSLEngine createSSLEngine(String sniHostName, List<Cipher> clientRequestedCiphers,
142 + List<String> clientRequestedApplicationProtocols) {
141 142 SSLHostConfig sslHostConfig = getSSLHostConfig(sniHostName);
142 143
143 144 SSLHostConfigCertificate certificate = selectCertificate(sslHostConfig, clientRequestedApplicationProtocols);

```

编辑 差异 文件树 GPG 控制台

java/org/apache/coyote/AsyncStateMachine.java: 78150719

```

383 .....}
384 .....}
385 .....}
386 .....}

387 .....public synchronized void asyncError() {
388 .....if (state == AsyncState.STARTING) {
389 .....state = AsyncState.STARTED;
390 .....state = AsyncState.DISPATCHED;
391 .....state = AsyncState.TIMING_OUT;
392 .....state = AsyncState.MUST_COMPLETE;
393 .....state = AsyncState.READ_WRITE_OP;
394 .....state = AsyncState.COMPLETING;

395 .....clearNonBlockingListeners();
396 .....state = AsyncState.ERROR;
397 .....} else {
398 .....throw new IllegalStateException("AsyncStateMachine.invalidAsyncState",
399 .....sm.getString("asyncStateMachine.invalidAsyncState",
400 .....state));
401 .....}

```

java/org/apache/coyote/AsyncStateMachine.java: b31b6f32

```

395 .....}
396 .....}
397 .....}
398 .....}

+399 .....public synchronized void asyncMustError() {
+400 .....if (state == AsyncState.STARTED) {
+401 .....clearNonBlockingListeners();
+402 .....state = AsyncState.MUST_ERROR;
+403 .....} else {
+404 .....throw new IllegalStateException("AsyncStateMachine.invalidAsyncState",
+405 .....sm.getString("asyncStateMachine.invalidAsyncState",
+406 .....state));
+407 .....}
+408 .....}
+409 .....}
+410 .....}

411 .....public synchronized void asyncError() {
412 .....if (state == AsyncState.STARTING) {
413 .....state = AsyncState.STARTED;
414 .....state = AsyncState.DISPATCHED;
415 .....state = AsyncState.TIMING_OUT;
416 .....state = AsyncState.MUST_COMPLETE;
417 .....state = AsyncState.READ_WRITE_OP;
+418 .....state = AsyncState.COMPLETING;
+419 .....state = AsyncState.MUST_ERROR;
+420 .....clearNonBlockingListeners();
+421 .....state = AsyncState.ERROR;
+422 .....} else {
+423 .....throw new IllegalStateException("AsyncStateMachine.invalidAsyncState",
+424 .....sm.getString("asyncStateMachine.invalidAsyncState",
+425 .....state));
+426 .....}

```

t # 26 相关

中心-1.tomcat(9ee76114248928f680b85c4ada35188efffa9118)

2.tomcat(c5dcedd0b9bd5280ae18ecbf481241cfdbd82cda)

同一个 ISSUE (BZ 59901)

The screenshot displays a code review interface. At the top, a commit history table lists four commits by Mark Thomas, all dated '6 年前' (6 years ago). The first commit (c5dcedd0) is titled 'Refactoring with an eye on BZ 59901.' The second commit (9ee76114) is also titled 'Refactoring with an eye on BZ 59901.' The third commit (43e1a480) is titled 'Fix https://issues.apache.org/bugzilla/show_bug.cgi?id=60728' and is highlighted in yellow. The fourth commit (7b5bb0c6) is titled 'Remove local definition of web service annotations since these are provided by the JRE.'

Below the commit history, the interface shows a code diff for the second commit (9ee76114). The diff is for the file `java/org/apache/jasper/compiler/EncodingDetector.java`. The changes include:

- Line 36: `++ b/java/org/apache/jasper/compiler/EncodingDetector.java`
- Line 37: `@@ -36,7 +36,7 @@ class EncodingDetector {`
- Line 38: `36 36 }`
- Line 39: `37 37`
- Line 40: `38 38 private final BomResult bomResult;`
- Line 41: `39 - private final String prologEncoding;`
- Line 42: `39 + private final boolean encodingSpecifiedInProlog;`
- Line 43: `40 40`
- Line 44: `41 41`
- Line 45: `42 42 /*`
- Line 46: `@@ -59,7 +59,7 @@ class EncodingDetector {`
- Line 47: `59 59 is.read();`
- Line 48: `60 60 }`
- Line 49: `61 61`
- Line 50: `62 - prologEncoding = getPrologEncoding(bis);`
- Line 51: `62 + encodingSpecifiedInProlog = (getPrologEncoding(bis) != null);`
- Line 52: `63 63 }`
- Line 53: `64 64`
- Line 54: `65 65`
- Line 55: `@@ -73,8 +73,8 @@ class EncodingDetector {`
- Line 56: `73 73 }`
- Line 57: `74 74`
- Line 58: `75 75`
- Line 59: `76 - String getPrologEncoding() {`
- Line 60: `77 - return prologEncoding;`
- Line 61: `77 77 }`

The diff also shows changes for the file `java/org/apache/jasper/compiler/JspUtil.java`:

- Line 63: `63 66 public static final int CHUNKSIZE = 1024;`
- Line 64: `64 67`
- Line 65: `65 68 /**`
- Line 66: `@@ -660,7 +663,7 @@ public class JspUtil {`
- Line 67: `660 663 }`
- Line 68: `661 664 }`
- Line 69: `662 665`
- Line 70: `663 - public static InputStream getInputStream(String fname, Jar jar,`
- Line 71: `666 + public static BufferedInputStream getInputStream(String fname, Jar jar,`
- Line 72: `JspCompilationContext ctxt) throws IOException {`
- Line 73: `664 667`
- Line 74: `665 668`
- Line 75: `666 669`
- Line 76: `667 680`
- Line 77: `668 681`
- Line 78: `669 682`
- Line 79: `680 - return in;`
- Line 80: `683 + return new BufferedInputStream(in, JspUtil.JSP_INPUT_STREAM_BUFFER_SIZE);`
- Line 81: `681 684 }`
- Line 82: `682 685`
- Line 83: `683 686`
- Line 84: `public static InputSource getSource(String fname, Jar jar, JspCompilationContext ctxt) throws IOException {`

t # 80 相关

中心- tomcat(33fdd954c92f84f3e07927aa9c09702fb6553480)

##M17553#F1342#V0#M17552

Refactor to reduce duplicate code

The screenshot shows a commit history table with the following entries:

Commit Message	Author	Date	File	
Revert accidental commit	git-svn-id: https://svn.apache.org/repos/asf/tomcat/trunk@17934...	MT Mark Thomas	6 年前	b6x
Remove deprecated code	git-svn-id: https://svn.apache.org/repos/asf/tomcat/trunk@17934...	MT Mark Thomas	6 年前	eb4
Remove deprecated code	git-svn-id: https://svn.apache.org/repos/asf/tomcat/trunk@17934...	MT Mark Thomas	6 年前	28;
Move towards using Charset rather than String internally to reduce the number of calls requir...	git-svn-id: https://svn.apache.org/repos/asf/tomcat/trunk@17934...	MT Mark Thomas	6 年前	2b;
Refactor to reduce duplicate code	git-svn-id: https://svn.apache.org/repos/asf/tomcat/trunk@17934...	MT Mark Thomas	6 年前	33;
Test for WsSession#suspend/resume. (the test was forgotten when committing the new functi...	VG Violeta Georgieva ...	6 年前	5a;	
Introduce new API - WsSession#suspend/WsSession#resume that can be used to suspend/res...	VG Violeta Georgieva ...	6 年前	31;	

Below the table is a code diff for the file `java/org/apache/tomcat/util/descriptor/web/SecurityCollection.java`. The diff shows the following changes:

```
35 35 * @author Craig R. McClanahan
36 36 */
37 -public class SecurityCollection implements Serializable {
37 +public class SecurityCollection extends XmlEncodingBase implement
38 38
39 39     private static final long serialVersionUID = 1L;
40 40
41 -    private String encoding = null;
42 -    public void setEncoding(String encoding) {
43 -        this.encoding = encoding;
44 -    }
45 -    /**
46 -     * Obtain the encoding of the XML source that was used to pop
47 -     * object.
48 -     *
49 -     * @return The encoding of the associated XML source or <code>
50 -     *         if the encoding could not be determined
```

后- 1.tomcat(2bae3115fa52cf640179004c80d6d1ff548c8d64))

#M22219#M22218#M17586#M17564#M17764#F1348

Refactor

The screenshot shows a commit history table with the following entries:

Commit Message	Author	Date	File
Remove deprecated code	git-svn-id: https://svn.apache.org/repos/asf/tomcat/trunk@17934...	MT Mark Thomas	6 年前
Move towards using Charset rather than String internally to reduce the number of calls requir...	MT Mark Thomas	6 年前	
Refactor to reduce duplicate code	git-svn-id: https://svn.apache.org/repos/asf/tomcat/trunk@17934...	MT Mark Thomas	6 年前
Test for WsSession#suspend/resume. (the test was forgotten when committing the new functi...	VG Violeta Georgieva ...	6 年前	
Introduce new API - WsSession#suspend/WsSession#resume that can be used to suspend/res...	VG Violeta Georgieva ...	6 年前	

Below the table is a code diff for the file `java/org/apache/tomcat/util/descriptor/web/SecurityCollection.java`. The diff shows the following changes:

```
+++ b/java/org/apache/tomcat/util/descriptor/web/SecurityCollection.java
@@ -281,7 +281,7 @@ public class SecurityCollection extends
281 281     if (collection == null)
282 282         return;
283 283
284 -    collection.setEncoding(getEncoding());
284 +    collection.setCharset(getCharset());
285 285
286 286     SecurityCollection results[] =
287 287         new SecurityCollection[collections.length + 1];
```

2.tomcat(eb423f80807d9a57ba72bf8aa3a389f8ddc473df) #F1348

Commit Message	Author	Time
Remove deprecated code git-svn-id: https://svn.apache.org/repos/asf/tomcat/trunk@17934...	Mark Thomas	6 年前
Move towards using Charset rather than String internally to reduce the number of calls requir...	Mark Thomas	6 年前
Refactor to reduce duplicate code git-svn-id: https://svn.apache.org/repos/asf/tomcat/trunk...	Mark Thomas	6 年前
Test for WsSession#suspend/resume. (the test was forgotten when committing the new functi...	Violeta Georgieva	6 年前
Introduce new API - WsSession#suspend/WsSession#resume that can be used to suspend/res...	Violeta Georgieva	6 年前

提交 差异 文件树 GPG Console

使用正则表达式筛选文件

(3) 与 A 对比2bae3115: Move towards using Charset rather ...

java/org/apache/catalina/connector/Connector.java

java/org/apache/tomcat/util/buf/LocalStrings.properties

java/org/apache/tomcat/util/buf/UDecoder.java

diff --git a/java/org/apache/catalina/connector/Conn
index b0bbc50d28..365eb4fcca 100644
--- a/java/org/apache/catalina/connector/Connector.j
+++ b/java/org/apache/catalina/connector/Connector.j
@@ -685,6 +685,7 @@ public class Connector extends L
685 685 * @return the name of character encoding to be
686 686 * original case.
687 687 */
688 + //@@Deprecated
688 689 public String getURIEncoding() {
689 690 return uriCharset.name();
690 691 }

t # 135 相关

前-1.tomcat(5b1f5e389ec3238b66d9bd7a724ead63b843cce1)

#M19516#M18771#M18772

Add support for the OpenSSL SSL_CONF API when using TLS with OpenSSL implementation.

Commit Message	Author	Time	SHA-1
Tone down log message for new OpenSSLConf from info to debug. git-svn-id: https://svn.ap...	Rainer Jung	6 年前	cdd40185
Update enabledProtocols and enabledCiphers in SSLHostConfig after OpenSSLConf has been ...	Rainer Jung	6 年前	5777168f
Add support for the OpenSSL SSL_CONF API when using TLS with OpenSSL implementation. ...	Rainer Jung	6 年前	5b1f5e38
Add access to tcnative SSL_CONF API and some constants used by it. Using the new API need...	Rainer Jung	6 年前	d08ca8b8

提交 差异 文件树 GPG Console

使用正则表达式筛选文件

(9) 与 A 对比d08ca8b8: Add access to tcnative SSL_CONF API

java/org/apache/catalina/startup/Catalina.java

java/org/apache/tomcat/util/net/AprEndpoint.java

java/org/apache/tomcat/util/net/LocalStrings.properties

java/org/apache/tomcat/util/net/openssl/LocalStrings.properties

java/org/apache/tomcat/util/net/openssl/OpenSSLConf.java

java/org/apache/tomcat/util/net/openssl/OpenSSLConfCmd.java

java/org/apache/tomcat/util/net/openssl/OpenSSLContext.java

java/org/apache/tomcat/util/net/SSLHostConfig.java

webapps/docs/changelog.xml

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7 * the License. You may obtain a copy of the License at
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9 http://www.apache.org/licenses/LICENSE-2.0
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11 * Unless required by applicable law or agreed to in writing, software
12 * distributed under the License is distributed on an "AS IS" BASIS,
13 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or impli
14 * See the License for the specific language governing permissions and
15 * limitations under the License.
16 */
17 package org.apache.tomcat.util.net.openssl;
18
19 import java.util.ArrayList;
20 import java.util.List;
21
22 import org.apache.juli.logging.Log;

2-tomcat(5777168f58476da9d120b3b186126703e93df224) #M18771

```
+++ b/java/org/apache/tomcat/util/net/SSLHostConfig.java
@@ -198,7 +198,7 @@ public class SSLHostConfig implements Serializable {
198 198     }
199 199
200 200
201 - void setEnabledProtocols(String[] enabledProtocols) {
201 + public void setEnabledProtocols(String[] enabledProtocols) {
202 202     this.enabledProtocols = enabledProtocols;
203 203 }
204 204
@@ -213,7 +213,7 @@ public class SSLHostConfig implements Serializable {
213 213     }
214 214
215 215
216 - void setEnabledCiphers(String[] enabledCiphers) {
216 + public void setEnabledCiphers(String[] enabledCiphers) {
217 217     this.enabledCiphers = enabledCiphers;
```

3.tomcat(cdd40185862df9125e28a7991b049c8e9fae05af) #M19516#M18771

```
549 549 // Create OpenSSLConfCmd context if used
550 550 try {
551 - log.info(sm.getString("endpoint.apr.makeConf"));
551 + if (log.isDebugEnabled())
552 + log.debug(sm.getString("endpoint.apr.makeConf"));
552 552
553 553 cctx = SSLConf.make(rootPool,
554 554     SSL.SSL_CONF_FLAG_FILE |
555 555     SSL.SSL_CONF_FLAG_SERVER |
@@ -562,7 +562,8 @@ public class AprEndpoint extends AbstractEndpoint<Long,Long>
562 562 {
563 563     if (cctx != 0) {
564 564 // Check OpenSSLConfCmd if used
565 565 log.info(sm.getString("endpoint.apr.checkConf"));
566 + if (log.isDebugEnabled())
567 + log.debug(sm.getString("endpoint.apr.checkConf"));
```

中心-tomcat(8e1f4d4e56e4a24816d3886476f1e9454aa82b35)

#M7430#M22464

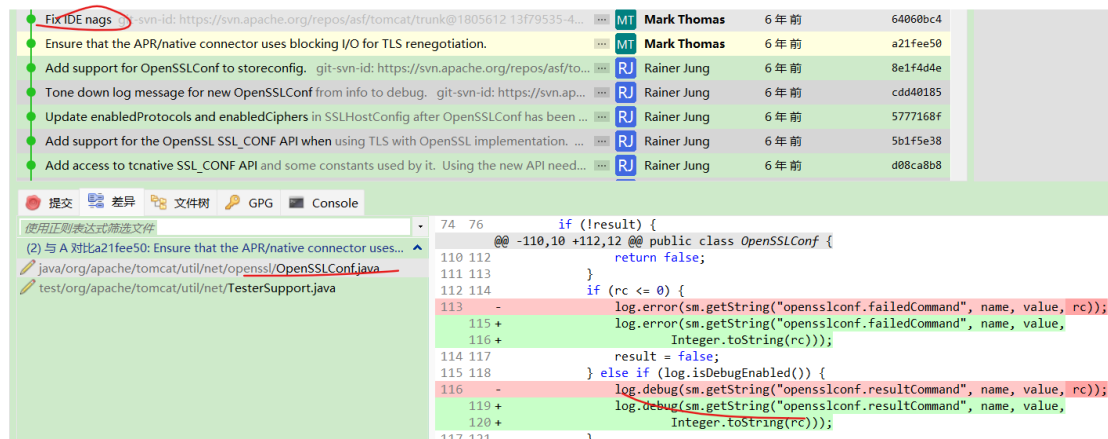
Add support for OpenSSLConf to storeconfig.

```
diff --git a/java/org/apache/tomcat/util/net/openssl/OpenSSLConf.java
index 91355cbb7a..94cce92c53 100644
--- a/java/org/apache/tomcat/util/net/openssl/OpenSSLConf.java
+++ b/java/org/apache/tomcat/util/net/openssl/OpenSSLConf.java
@@ -35,6 +35,10 @@ public class OpenSSLConf {
35 35     commands.add(cmd);
36 36 }
37 37
38 + public List<OpenSSLConfCmd> getCommands() {
39 +     return commands;
40 + }
41 +
38 42     public boolean check(long cctx) throws Exception {
39 43         boolean result = true;
```


后-tomcat(64060bc47891b2238d61f59c4feb5b71e5eb43f2)

#M22459#M22458#V0

Fix IDE nags

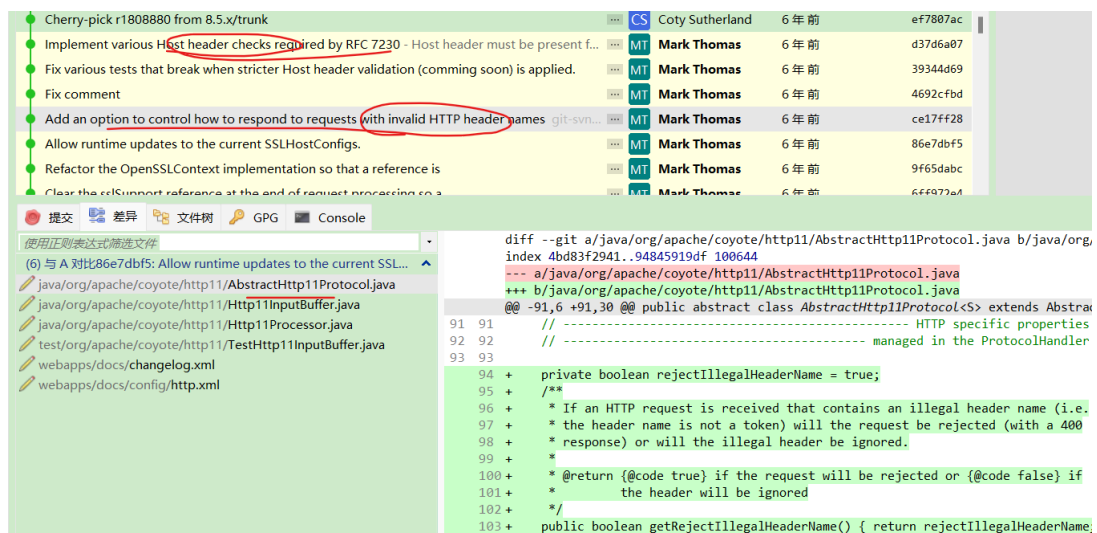


t # 156 相关

中心-tomcat(ce17ff28079fed5537db159cbe448064a7eaaecd)

#M10638#M22522#M22521#V0#M10573#V1#M10591

Add an option to control how to respond to requests with invalid HTTP header names



后- tomcat(d37d6a0794b177eb21b9be119c810b5899a75094)

#M10649

Commit Message	Author	Date	SHA-1
Implement various Host header checks required by RFC 7230. Host header must be present f...	MT Mark Thomas	6 年前	d37d6a07
Fix various tests that break when stricter Host header validation (comming soon) is applied.	MT Mark Thomas	6 年前	39344d69
Fix comment	MT Mark Thomas	6 年前	4692cfd
Add an option to control how to respond to requests with invalid HTTP header names git-svn...	MT Mark Thomas	6 年前	ce17ff28
Allow runtime updates to the current SSLHostConfigs.	MT Mark Thomas	6 年前	86e7dbf5
Refactor the OpenSSLContext implementation so that a reference is	MT Mark Thomas	6 年前	9f65dabc
Clear the refSupport reference at the end of request processing so a	MT Mark Thomas	6 年前	6ff497a4

提交 差异 文件树 GPG Console

使用正则表达式筛选文件

(4) 与 A 对比 39344d69: Fix various tests that break when stricter ...

java/org/apache/coyote/http11/Http11Processor.java

java/org/apache/coyote/http11/LocalStrings.properties

test/org/apache/coyote/http11/TestHttp11Processor.java

webapps/docs/changelog.xml

diff --git a/java/org/apache/coyote/http11/Http11Processor.java b/java/org/apache/coyote/index 7425cc5cf5..1c57d63439 100644
--- a/java/org/apache/coyote/http11/Http11Processor.java
+++ b/java/org/apache/coyote/http11/Http11Processor.java
@@ -725,6 +725,30 @@ public class Http11Processor extends AbstractProcessor {
725 725
726 726
727 727
728 +
729 + // Check host header
730 + MessageBytes hostValueMB = null;
731 + try {
732 + hostValueMB = headers.getUniqueValue("host");
733 + } catch (IllegalArgumentException iae) {
734 + // Multiple Host headers are not permitted
735 + // 400 - Bad request
736 + response.setStatus(400);
737 + setErrorState(ErrorState.CLOSE_CLEAN, null);
738 + if (log.isDebugEnabled()) {