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Title: "Legal"

Release: pingfederate-<version>.zip. When extracted from this zip file, the PingFederate application is in the main folder under the "pingfederate" subfolder.

Placement: Included within collection of files composing specific Ping Identity release.

Type of File: .pdf

Contents:

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Java Architecture for XML Binding (JAXB)	Sun Microsystems, Inc.	39.0
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React Idle Timer	Randy Lebeau	66.0
React-scroll	Joachim Karlsson	67.0
react-sweet-state	Alberto Gasparin	68.0
React-tooltip	Wang Zixiao	69.0
SLF4J	SLF4J	70.0
SOAP with Attachments API for Java	Sun Microsystems, Inc.	71.0
Spring	Spring Framework Organization	72.0
Streaming API for XML	Sun Microsystems, Inc.	73.0
Sun Javamail	Sun Microsystems, Inc.	74.0
Sun Java Streaming XML Parser	GlassFish	75.0

Sun Jaxrpc	Sun Microsystems, Inc.	76.0
Sun Servlet/JSP	Sun Microsystems, Inc.	77.0
Swagger Core Library	Reverb Technologies, Inc.	78.0
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Whatwg-fetch	WHATWG	85.0

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3. US Patent No. 6,249,873 entitled, "Method of and Apparatus for Providing Secure Distributed Directory Services and Public Key Infrastructure" issued on June 19, 2001;

4. US Patent No. 5,922,074 entitled, "Method of and Apparatus for Providing Secure Distributed Directory Services and Public Key Infrastructure" issued on July 13, 1999.

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10.Apache Tapestry

Modifications:

- **Fix log forging ability when specifying an invalid service name.**
- **Added a digital signature to the serialized parameters to ensure untrusted data cannot be injected via the URL or POST form data.**
- **Removed some exception handling code that wrote directly to System.err.**
- **Added better support for Japanese characters by properly encoding surrogate pair characters into their respective numeric character references.**

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12.Apache WSS4J

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13.Apache Xalan**Modifications:**

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14.Apache XML (Other than XML Security)**Modifications:**

None

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15.Apache XML Security Library**Modifications:**

- Resolved a defect related to the OAEP key transport method used during encryption/decryption. XML Security will no longer pass the OAEP parameters if the JCE digest algorithm and MGF are both SHA-1.

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16.Apache XML Beans**Modifications:**

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17.ASM Library**Modifications:**

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18.AWS Auto Discovery for JGroups

Modifications:

- Renamed Java packages.
- Optimizations to simplify configuration and reduce AWS SDK dependencies.

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19.AWS SDK for Java

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21. Base64url

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27.Es6-promise

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31.react-html-parser

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35.isomorphic-fetch

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36.JaasLounge

Modifications:

- Added support for AES encryption algorithm.

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37. Jackson Java JSON Processor

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38. Java Activation Framework

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43.JCIFS SMB Client Library in Java

File:

jcifs-krb5.jar

Modifications:

Repackaging of the jcifs-krb5-1.3.12.jar distribution to include updated class files from jcifs-1.3.14.jar to utilize the latest JCIFS library updates.

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46.Jetty

Modifications:

Modified how cookies are parsed to allow for better interoperability with other vendors
Modified cookie handling to allow for empty cookie values
Add commons logging to default system classes
Modified TLS SNI handling to reload keys from configuration and address compatibility with HSM modes
Modified setting the SameSite attribute on cookies based on the requesting user-agent not matching a value in an exclusion list

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47.JGroups

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51.JSON.simple

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52.js-cookie

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53.LDAP Booster Pack

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54.License4j

Modifications:

Recompiled the License4j source code using version 5.5 of the Allatori obfuscator. This is done to remove the a.class that was packaged with the original License4j jar, avoiding any class conflicts with other jars that also have the same class.

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55.Lodash

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56.Log4j2

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57. MIME Pull**Modifications:**

None.

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58. moment-timezone**Modifications:**

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59. Native_S3_Ping**Modifications:**

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60.Normalizr**Modifications:**

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61.OGNL**Modifications:**

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62.OWASP Java Encoder Project

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63. Prop-types

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64. RE2/J

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65.React**Modifications:**

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66.React Idle Timer

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67.React-scroll

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68.react-sweet-state

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69.React-tooltip

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71.SOAP with Attachments API for Java**Modifications:**

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72.Spring

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73.Streaming API for XML

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74.Sun Javamail

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75.Sun Java Streaming XML Parser

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76.Sun JAXRPC

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77.Sun Servlet/JSP

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78.Swagger Core Library

Modifications:

- None

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79. Swagger UI

Modifications:

- Added support for model subtypes

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80. TinyRadius

Modifications:

Added support for multi-threading

Numerous bug fixes

Source code including these modifications is available from the following repository:

<https://github.com/b---c/TinyRadius>

The original library may be used but it may not work as intended, in particular for defects that were fixed and features that were added. Use the link below to access the original library:

<http://tinyradius.sourceforge.net/>

To use the original library, follow these steps:

1. After obtaining the source code to the original library, refactor the package name from: org.tinyradius, to org.newtinyradius, and re-compile the library

2. Extract the contents of PingIDRadiusPCV-<version>.jar
3. Delete the directory: org/newtinyradius
4. Add the re-compiled classes (from step 1) to org/tinyradius
5. Repackage the classes into a jar file
6. Replace the original PingIDRadiusPCV-<version>.jar with the new jar file (from step 5)

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81.twilio-java

Modifications:

None.

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82.Tyrus

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83.underscore

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None.

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84.universal-cookie

Modifications:

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85.Whatwg-fetch

Modifications:

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