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The security features of this product include software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/).

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1 Supported Platforms

This release of RTI® TLS Support is supported on the platforms in Table 1.1 Supported Platforms.

Table 1.1 Supported Platforms

<table>
<thead>
<tr>
<th>Operating System</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Android®</td>
<td>All Android platforms listed in the RTI Connext® DDS Core Libraries Release Notes for the same version number.</td>
</tr>
<tr>
<td>iOS®</td>
<td>All iOS platforms listed in the RTI Connext DDS Core Libraries Release Notes for the same version number.</td>
</tr>
<tr>
<td>Linux®</td>
<td>All Linux platforms in the RTI Connext DDS Core Libraries Release Notes for the same version number, except not supported on SUSE® Linux Enterprise Server.</td>
</tr>
<tr>
<td>OS X®</td>
<td>All OS X platforms listed in the RTI Connext DDS Core Libraries Release Notes for the same version number.</td>
</tr>
<tr>
<td>QNX®</td>
<td>All QNX Neutrino® 6.5 and higher platforms listed in the RTI Connext DDS Core Libraries Release Notes for the same version number.</td>
</tr>
<tr>
<td>Windows®</td>
<td>All Windows platforms listed in the RTI Connext DDS Core Libraries Release Notes for the same version number.</td>
</tr>
</tbody>
</table>

TLS Support is also supported on the platforms in Table 1.2 Custom Supported Platforms; these are target platforms for which RTI offers custom support. If you are interested in these platforms, please contact your local RTI representative or email sales@rti.com.

Table 1.2 Custom Supported Platforms

<table>
<thead>
<tr>
<th>Operating System</th>
<th>Version</th>
</tr>
</thead>
</table>
| Linux            | RedHawk™ Linux 6.5  
|                  | Wind River® Linux 8 |
| QNX              | QNX Neutrino 6.6 on x86 and ARMv7 CPUs |
2 Compatibility

*TLS Support* is designed for use with the TCP transport that is included with *RTI Connext DDS*. If you choose to use *TLS Support*, it must be installed on top of an existing *TLS Support* installation with the same version number. It can only be used on architectures that support the TCP transport (see the *RTI Connext DDS Core Libraries Platform Notes*).

*TLS Support* 6.0.0 is API-compatible with OpenSSL® versions 1.0.1c through 1.0.2o. It is not API-compatible with OpenSSL® 1.1.0a or above. Note that *TLS Support* 6.0.0 has only been tested by RTI using OpenSSL 1.0.2o.

If you are upgrading from OpenSSL 1.0.1 to OpenSSL 1.0.2 or above: The number of bits of any Diffie-Hellman (DH) parameters must now be at least 1024 (see [https://www.openssl.org/blog/blog/2015/05/20/logjam-freak-upcoming-changes/](https://www.openssl.org/blog/blog/2015/05/20/logjam-freak-upcoming-changes/)). Therefore, if you are using the property `tls.cipher.dh_param_files` and there is a DH parameter file that has fewer than 1024 bits, you must regenerate the file with at least 1024 bits.

For backward compatibility information between 6.0.0 and previous releases, see the *Migration Guide* on the RTI Community Portal ([https://community.rti.com/documentation](https://community.rti.com/documentation)).
3 What’s New in 6.0.0

3.1 New Platforms

This release adds support for the following platforms.

<table>
<thead>
<tr>
<th>Operating System</th>
<th>CPU</th>
<th>Compiler</th>
<th>RTI Architecture Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ubuntu 18.04 LTS</td>
<td>x64</td>
<td>gcc 7.3.0</td>
<td>x64Linux4gcc7.3.0</td>
</tr>
<tr>
<td>Wind River Linux 8</td>
<td>ARMv7</td>
<td>gcc 5.2.0</td>
<td>armv7aWRLinux8gcc5.2.0 (custom target platform)</td>
</tr>
</tbody>
</table>

See the *RTI Connext DDS Core Libraries Platform Notes* for details.

3.2 Updated OpenSSL Version

This release uses OpenSSL 1.0.2o (instead of 1.0.2n).
4 Third-Party Licenses

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