GT 5.2.3 Release Notes: SimpleCA

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1. Component Overview

SimpleCA provides a simple implementation of a certification authority which can issue X.509 certificates to
Globus Toolkit users and services.

2. Feature Summary

Features new in GT 5.2

• Remove dependency on GPT to generate and use SimpleCA
• Support for generating native RPM and Debian packages for SimpleCA files.

Other Supported Features

• Easy creation of X.509 certificates for use with the Globus Toolkit
• Easy creation of GPT packages for the created SimpleCA

Deprecated Features

• GPT package distribution of CA data

3. Summary of Changes in SimpleCA

3.1. New Features: SimpleCA

None.

3.2. Improvements: SimpleCA

• GT-312¹: automate native simple_ca package more

¹ http://jira.globus.org/browse/GT-312
4. Fixed Bugs for SimpleCA

None.

5. Known Problems in SimpleCA

None.

6. Technology Dependencies

SimpleCA depends on the following GT components:

• Non-WS Authentication and Authorization

SimpleCA depends on the following 3rd party software:

• OpenSSL

7. Tested Platforms

SimpleCA is tested on the following platforms:

Table 1. Tested Platforms

<table>
<thead>
<tr>
<th>Operating System</th>
<th>Distribution</th>
<th>Version(s)</th>
<th>Architecture(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linux</td>
<td>CentOS</td>
<td>4</td>
<td>x86_64</td>
</tr>
<tr>
<td></td>
<td>CentOS</td>
<td>5</td>
<td>i386, x86_64</td>
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<td></td>
<td>Fedora</td>
<td>16, 17</td>
<td>i386, x86_64</td>
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<td></td>
<td>Red Hat Enterprise Linux</td>
<td>5, 6</td>
<td>i386, x86_64</td>
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<td>Scientific Linux</td>
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<td>i386, x86_64</td>
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<td></td>
<td>Debian</td>
<td>6, 7 (testing)</td>
<td>i386, amd64</td>
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<td>Ubuntu</td>
<td>10.04LTS, 11.10, 12.04LTS, 12.10</td>
<td>i386, amd64</td>
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<td></td>
<td>Mac OS X</td>
<td>10.8 (Mountain Lion)</td>
<td>x86_64</td>
</tr>
<tr>
<td></td>
<td>Solaris</td>
<td>11</td>
<td>x86_64</td>
</tr>
</tbody>
</table>

8. Backward Compatibility Summary

Protocol changes for SimpleCA since GT 5.2.2

• Not applicable

API changes since GT 5.2.2

• Not applicable

Exception changes since GT 5.2.2
• Not applicable

Schema changes since GT 5.2.2
• Not applicable

9. Associated Standards

Globus SimpleCA generates X.509v3 certificates

10. For More Information

See Installing SimpleCA for more information about this component.