OAuth Security Workshop
July 14th and 15th 2016 in Trier/Germany

• Invited talks:
  – Karthikeyan Bhargavan about *Breaking and Fixing HTTPS Compound Authentication: TLS 1.3, Token Binding, and OAuth 2.0*
  – Andrey Labunets about *Lessons from breaking and defending OAuth in practice*

• Papers and slides can be found at [https://infsec.uni-trier.de/events/osw2016/schedule](https://infsec.uni-trier.de/events/osw2016/schedule)

• Security test suite launched: [https://github.com/RUB-NDS/PrOfESSOS](https://github.com/RUB-NDS/PrOfESSOS)
<table>
<thead>
<tr>
<th>Date</th>
<th>Milestone</th>
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<tbody>
<tr>
<td>Nov 2016</td>
<td>Submit 'OAuth 2.0 for Native Apps' to the IESG draft-ietf-oauth-native-apps</td>
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<td>Oct 2016</td>
<td>Submit 'OAuth 2.0 Device Flow' to the IESG draft-ietf-oauth-device-flow</td>
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<td>Jul 2016</td>
<td>Submit 'A Method for Signing HTTP Requests for OAuth' to IESG draft-ietf-oauth-signed-http-request</td>
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<td>Jul 2016</td>
<td>Submit 'OAuth 2.0 Proof-of-Possession: Authorization Server to Client Key Distribution' to the IESG draft-ietf-oauth-pop-key-distribution</td>
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<td>Jul 2016</td>
<td>Submit 'OAuth 2.0 Security: Closing Open Redirectors in OAuth' to the IESG draft-ietf-oauth-closing-redirectors</td>
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<td>Jul 2016</td>
<td>Submit 'OAuth 2.0 Token Exchange' to the IESG for consideration as a Proposed Standard draft-ietf-oauth-token-exchange</td>
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<td>Jun 2016</td>
<td>Submit 'OAuth 2.0 Mix-Up Mitigation' to the IESG draft-ietf-oauth-mix-up-mitigation</td>
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<td>May 2016</td>
<td>Submit 'Authentication Method Reference Values' to the IESG draft-ietf-oauth-amr-values</td>
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<td>Apr 2016</td>
<td>Submit 'OAuth 2.0 Authorization Server Discovery Metadata' to the IESG draft-ietf-oauth-discovery</td>
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<tr>
<td>Apr 2016</td>
<td>Submit 'Request by JWS ver.1.0 for OAuth 2.0' to the IESG for consideration as a Proposed Standard draft-ietf-oauth-jwsreq</td>
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Agenda / Monday

• OAuth 2.0 Token Exchange
• OAuth 2.0 for Native Apps
• OAuth 2.0 Device Flow
• Authentication Method Reference Values
Agenda / Wednesday

• Authorization Server Discovery Metadata
• Mix-Up Mitigation
• Encoding claims in the OAuth 2 state parameter using a JWT
• Proof-of-Possession / Token Binding