DNSSEC Deployment Around the World
Counts, Counts, Counts
Steve Crocker, Shinkuro, Inc.
TLD DNSSEC Implementation Status

- Experimental – internal experiments
- Announced – Public commitment to deploy
- Partial – Zone is signed but not in operation
- DS in Root
- Operational – Accepting signed delegations
The TLDs – DS or Operational

<table>
<thead>
<tr>
<th></th>
<th>DS</th>
<th>gTLD</th>
<th>ccTLD</th>
<th>Regional</th>
<th>Test</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classic</td>
<td></td>
<td>13(25)</td>
<td>64(247)</td>
<td>2(2)</td>
<td></td>
<td>79(274)</td>
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<tr>
<td>IDN</td>
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<td>1(2)</td>
<td>3(36)</td>
<td></td>
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<td>15(49)</td>
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<tr>
<td>Total</td>
<td></td>
<td>14(27)</td>
<td>67(283)</td>
<td>2(2)</td>
<td>11(11)</td>
<td>94(323)</td>
</tr>
</tbody>
</table>

- Measured: October 1, 2012
- Status: DS in the Root or Operational
- “Regional” is SU and EU, i.e. not associated with a single country but operating under ccTLD rules.
The TLDs – Signed, DS & Operational

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<tr>
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<td>2(2)</td>
<td>11(11)</td>
<td>102(323)</td>
</tr>
</tbody>
</table>

- Measured on October 1, 2012
- Status: Signed, DS in the Root or Operational
- “Regional” is SU and EU, i.e. not associated with a single country but operating under ccTLD rules.
ccTLD DNSSEC Status on 2012-01-01

- Yellow: Experimental (5)
- Orange: Announced (7)
- Green: Partial (3)
- Blue: DS in Root (28)
- Red: Operational (29)
ccTLD DNSSEC Status on 2014-01-01
AF ccTLD DNSSEC Status on 2012-10-08

Legend:
- Yellow: Experimental (0)
- Orange: Announced (1)
- Green: Partial (3)
- Blue: DS in Root (5)
- Red: Operational (3)
AP ccTLD DNSSEC Status on 2012-10-08

- Yellow: Experimental (2)
- Orange: Announced (2)
- Green: Partial (1)
- Blue: DS in Root (10)
- Red: Operational (10)
LAC ccTLD DNSSEC Status on 2012-10-08

- Yellow: Experimental (1)
- Orange: Announced (0)
- Green: Partial (2)
- Blue: DS in Root (7)
- Red: Operational (4)
Thank You and Questions