RPKI Workshop

Agenda

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Agenda

• X.509, RPKI, Origin Validation

• Hands-On Lab - GUI, J & C Routers

• Status of Implementations

• Building the RPKI Software
  or
  BGPSEC: AS-Path Validation (Tuesday)
This is Not New

• 1986 – Bellovin identifies vulnerability
• 2003 – NANOG S-BGP Workshop
• 2004-2009 – SO-BGP vs S-BGP Wars
• 2006-2010 – RPKI, Origin, and BGPSEC Development
• 2009 – ISOC discovers problem 😊
Recent History

- 2006-2008 - RPKI Design, done mostly outside the IETF
- 2008-present - RPKI in IETF sidr WG
- 2009-present - sidr works on Origin Validation
- 2008-present - BGPSEC - AS-Path Validation Design, outside of IETF
- March 2011- sidr takes up BGPSEC work