DNSSEC
Deployment Around the World
Counts, Counts, Counts
April 2013
Steve Crocker, Shinkuro, Inc.

TLD DNSSEC Implementation Status
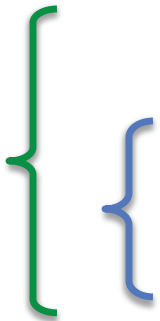
Experimental – internal experiments

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
6 months ago

	gTLD	ccTLD	Regional	Test	Total
Classic	**13(25)**	**64(247)**	**2(2)**		**79(274)**
IDN	**1(2)**	**3(36)**		**11(11)**	**15(49)**
Total	**14(27)**	**67(283)**	**2(2)**	**11(11)**	**94(323)**

- 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.
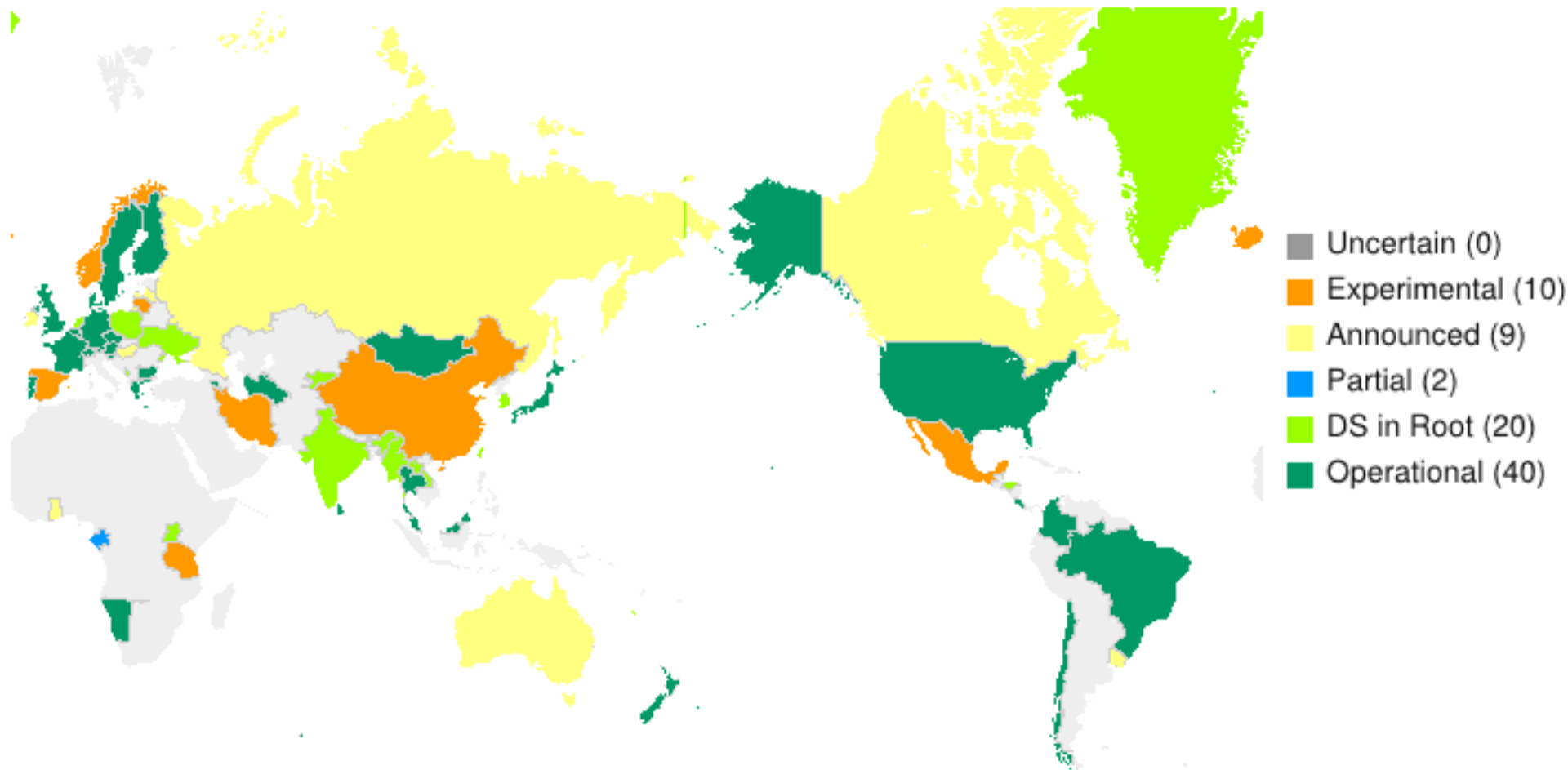
The TLDs – DS or Operational
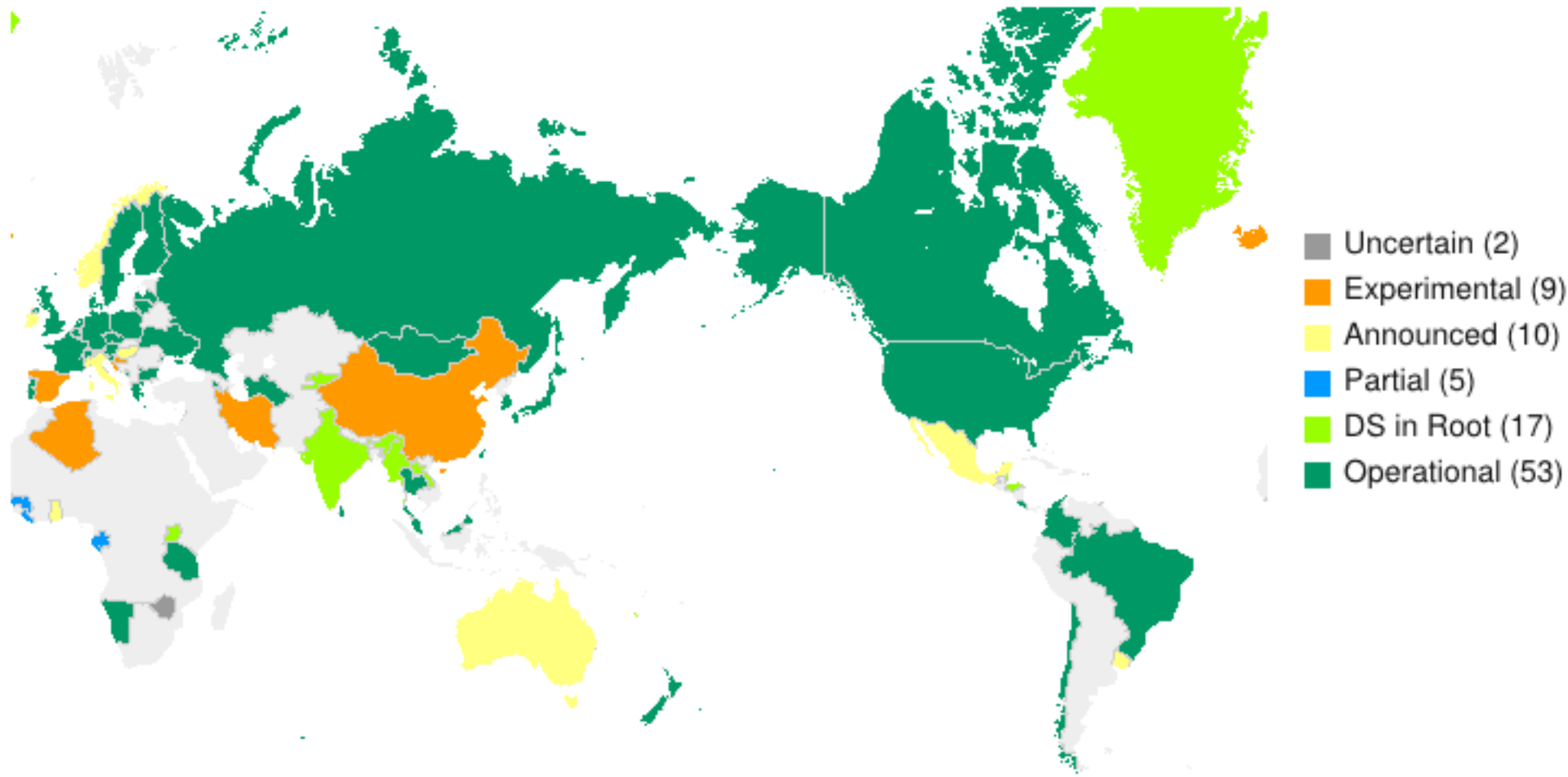# Current

	gTLD	ccTLD	Regional	Test	Total
Classic	13(25)	70(248)	2(2)		85(275)
IDN	0(0)	5(38)		11(11)	16(49)
Total	13(25)	75(286)	2(2)	11(11)	101(324)

- Measured: April 3, 2013
- 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.
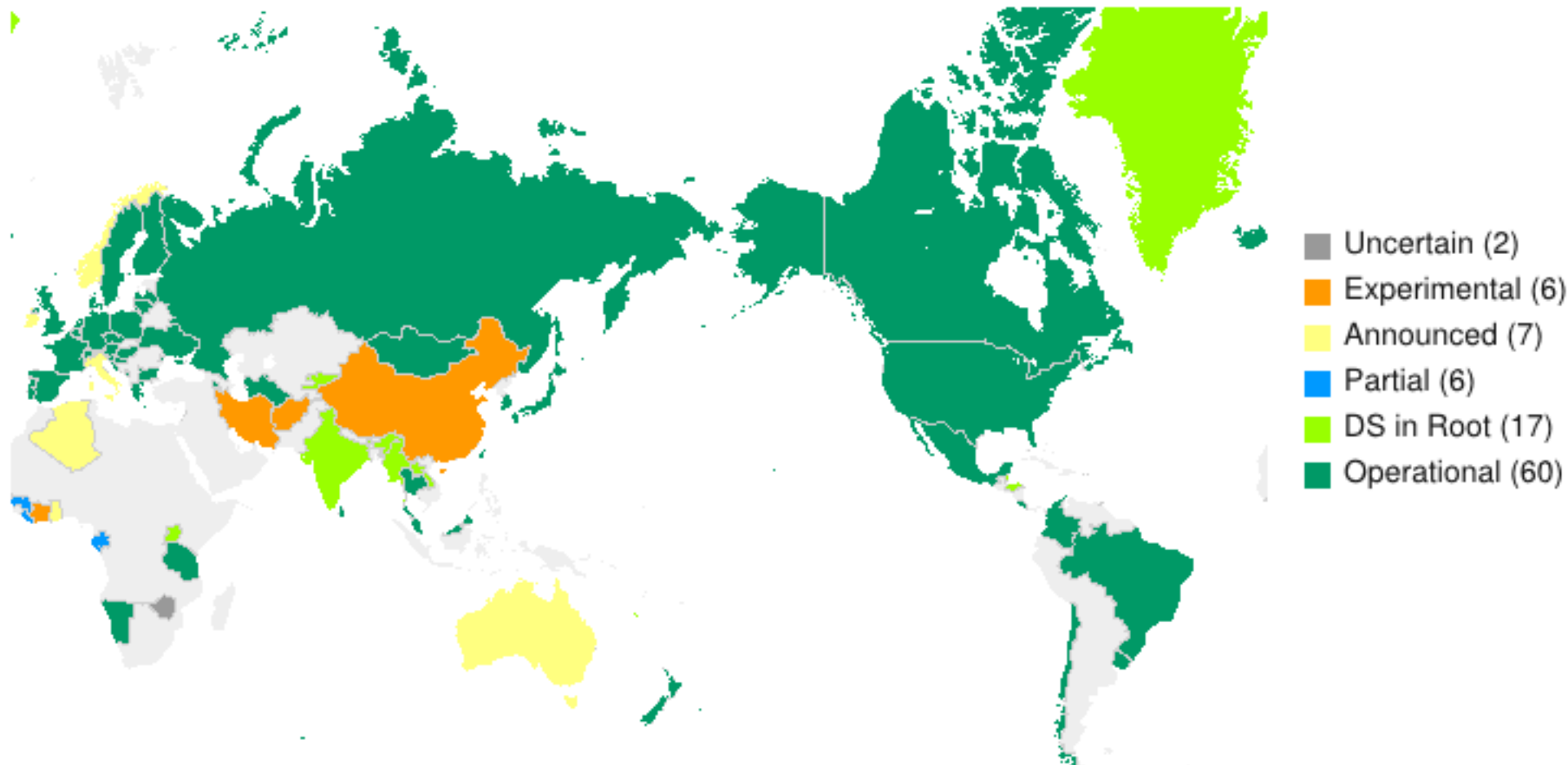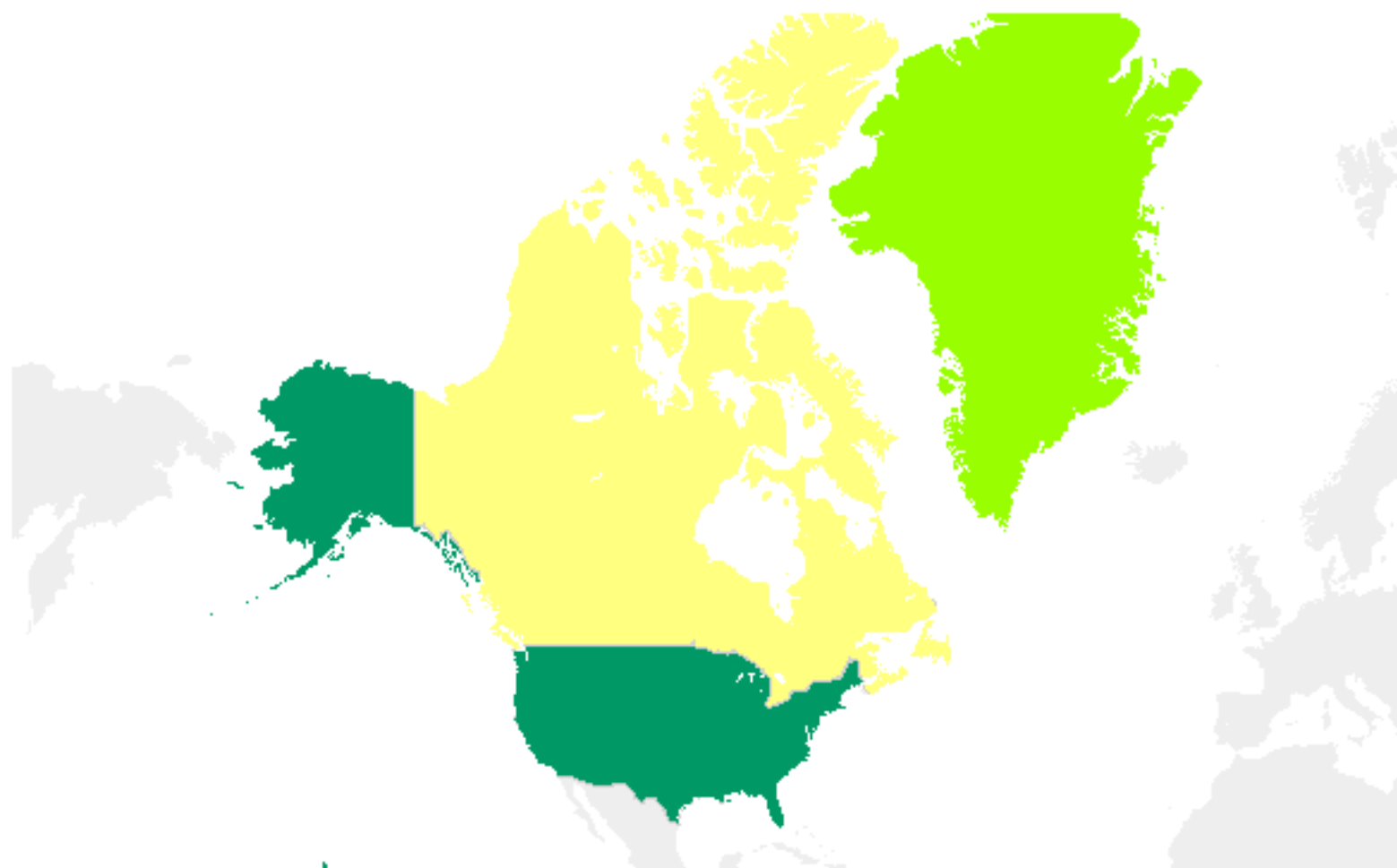
ccTLD DNSSEC Status on 2012-04-03

Uncertain (0)
Experimental (10)
Announced (9)
Partial (2)
DS in Root (20)
Operational (40)

ccTLD DNSSEC Status on 2013-04-05

Legend:
- Uncertain (2)
- Experimental (9)
- Announced (10)
- Partial (5)
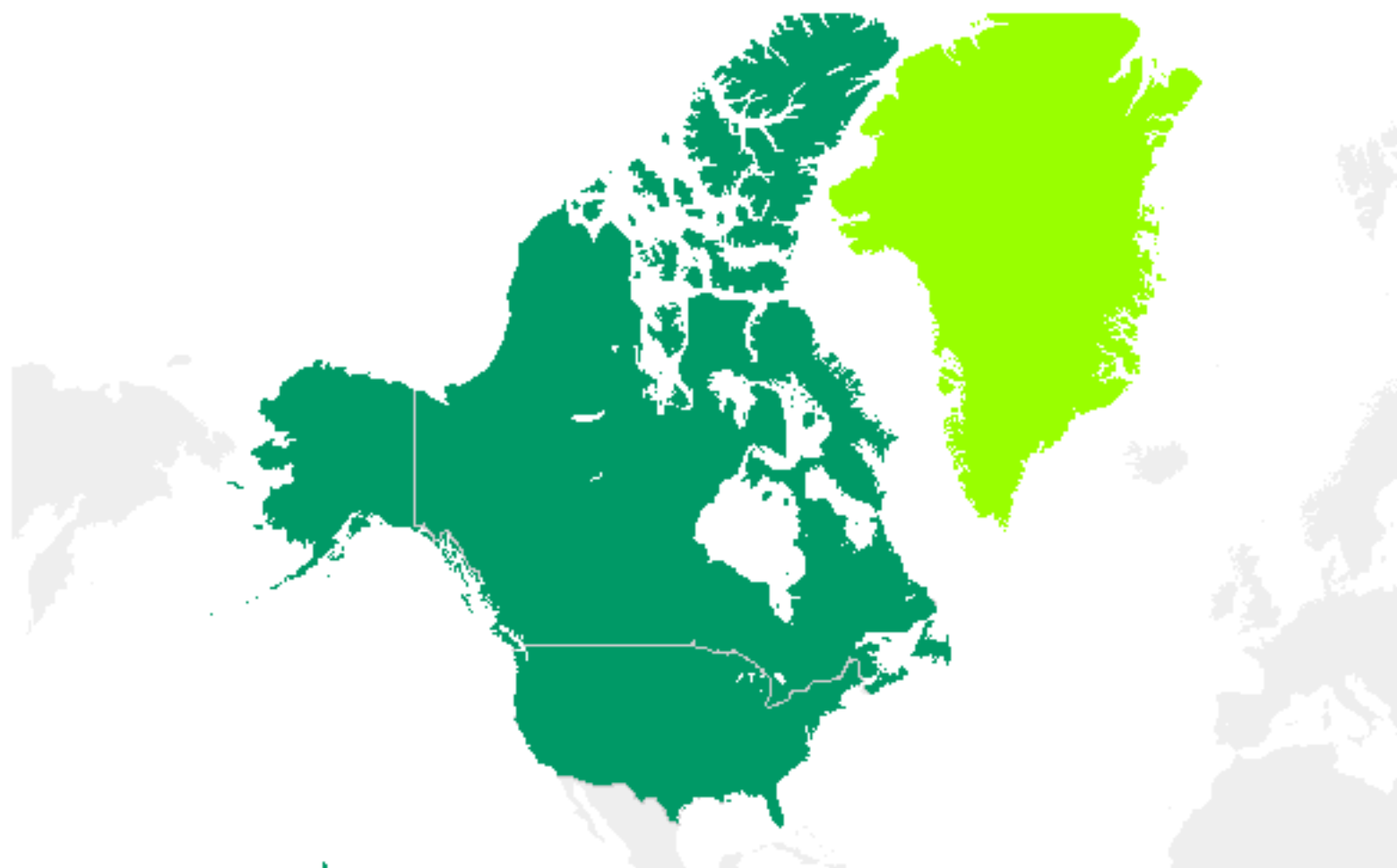- DS in Root (17)
- Operational (53)

ccTLD DNSSEC Status on 2014-04-03

Legend:
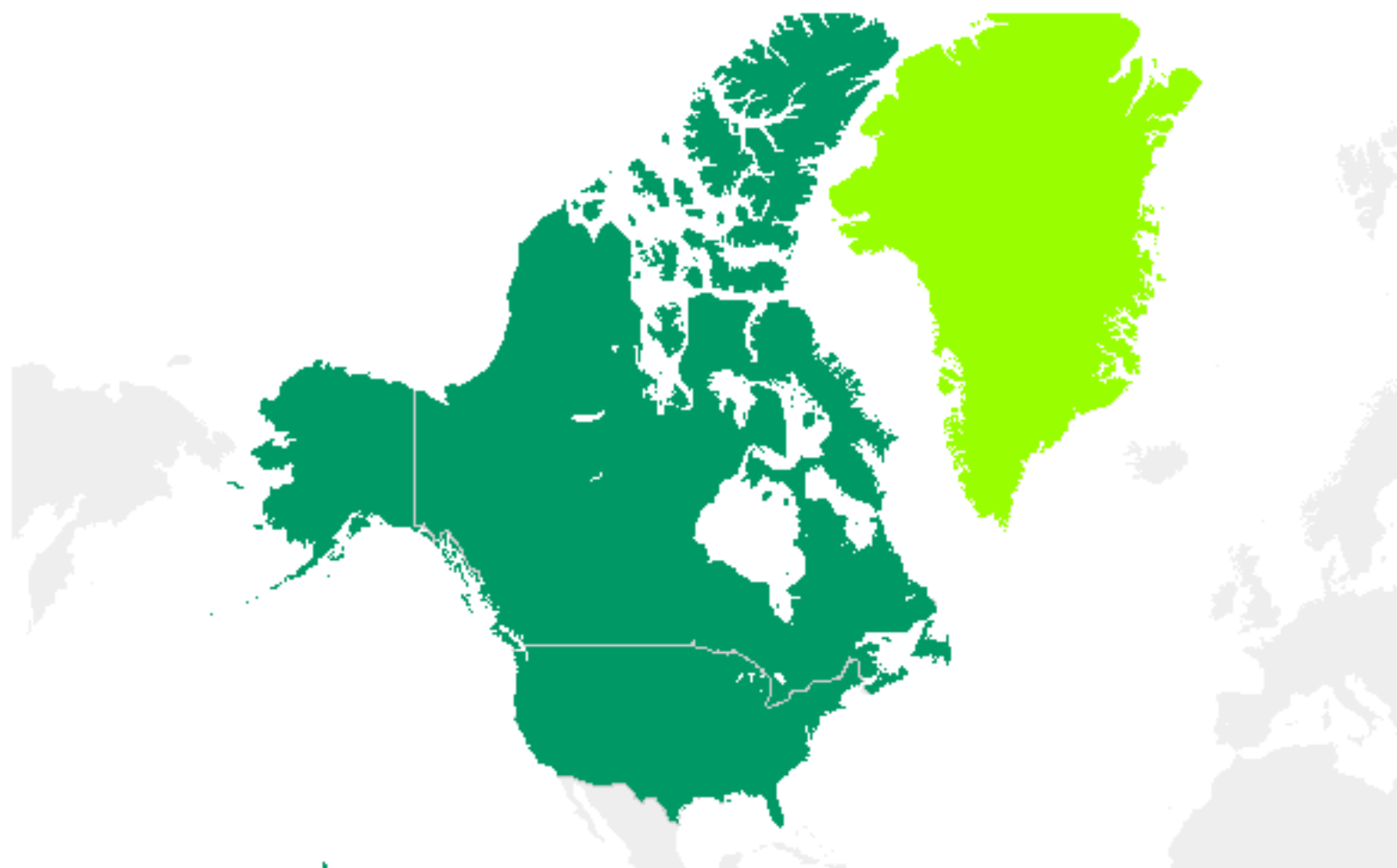
- Uncertain (2)
- Experimental (6)
- Announced (7)
- Partial (6)
- DS in Root (17)
- Operational (60)

NA ccTLD DNSSEC Status on 2012-04-03

Legend:
- Uncertain (0) — gray
- Experimental (0) — orange
- Announced (1) — pale yellow
- Partial (0) — blue
- DS in Root (1) — green
- Operational (2) — dark green

NA ccTLD DNSSEC Status on 2013-04-03

Uncertain (0)
Experimental (0)
Announced (0)
Partial (0)
DS in Root (1)
Operational (3)

NA ccTLD DNSSEC Status on 2014-04-03

Uncertain (0)
Experimental (0)
Announced (0)
Partial (0)
DS in Root (1)
Operational (3)

LAC ccTLD DNSSEC Status on 2012-04-03

Legend:
- Uncertain (0)
- Experimental (1)
- Announced (1)
- Partial (1)
- DS in Root (5)
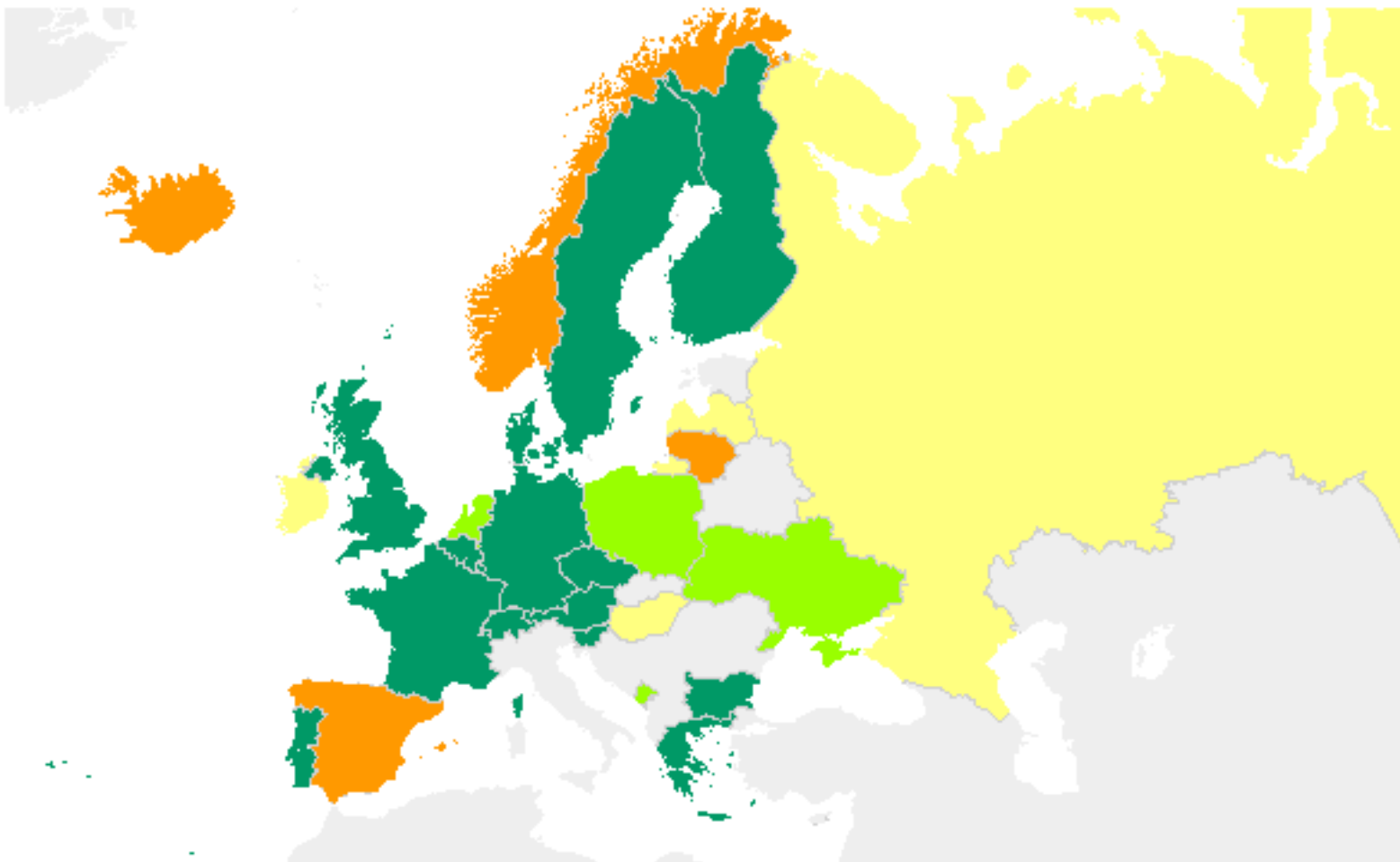- Operational (5)

LAC ccTLD DNSSEC Status on 2013-04-03

Legend:
- Uncertain (1)
- Experimental (0)
- Announced (2)
- Partial (1)
- DS in Root (4)
- Operational (7)

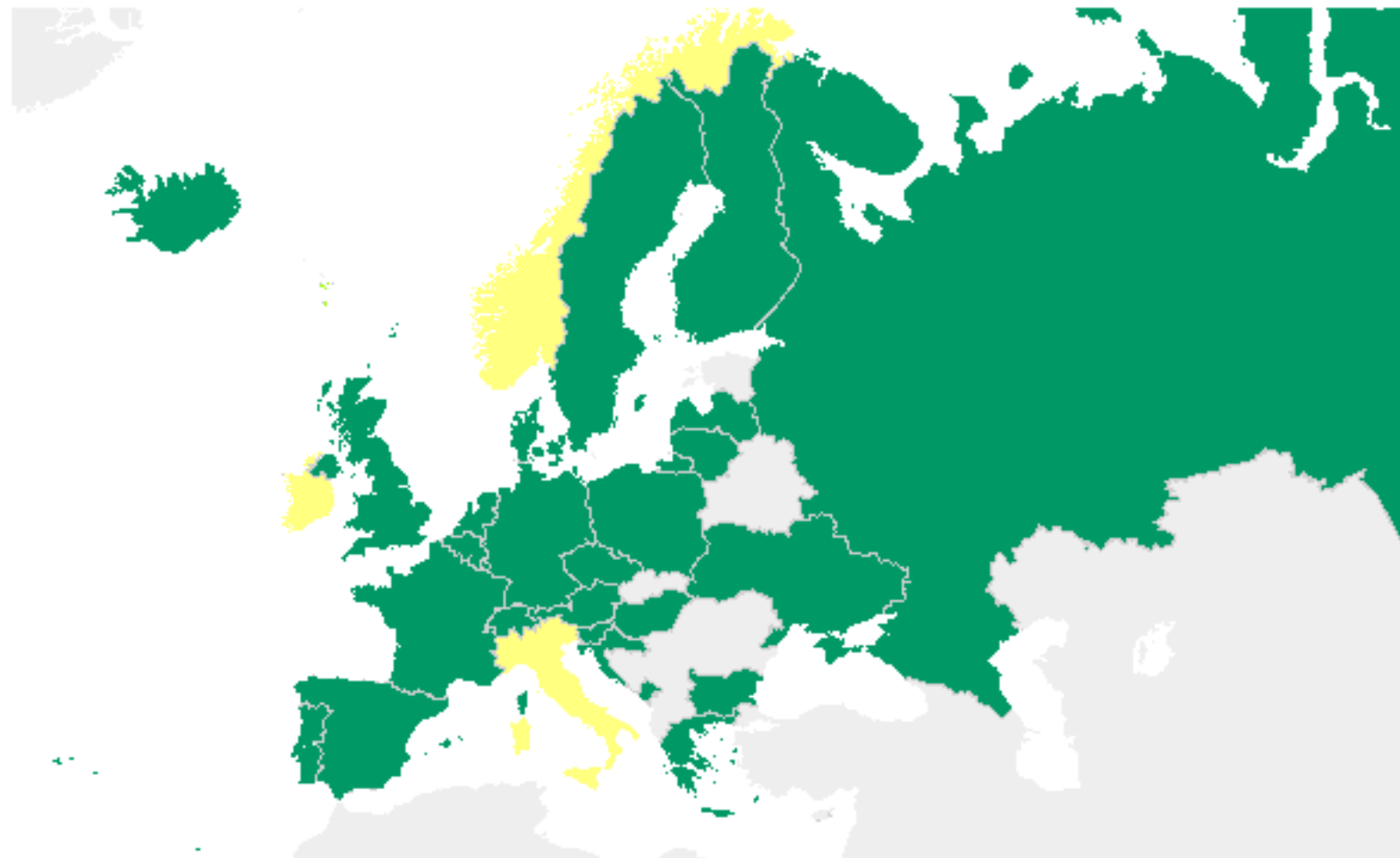# LAC ccTLD DNSSEC Status on 2014-04-03

Legend:
- Uncertain (1)
- Experimental (0)
- Announced (0)
- Partial (1)
- DS in Root (4)
- Operational (9)

EUR ccTLD DNSSEC Status on 2012-04-03

Uncertain (0)
Experimental (4)
Announced (4)
Partial (0)
DS in Root (5)
Operational (16)

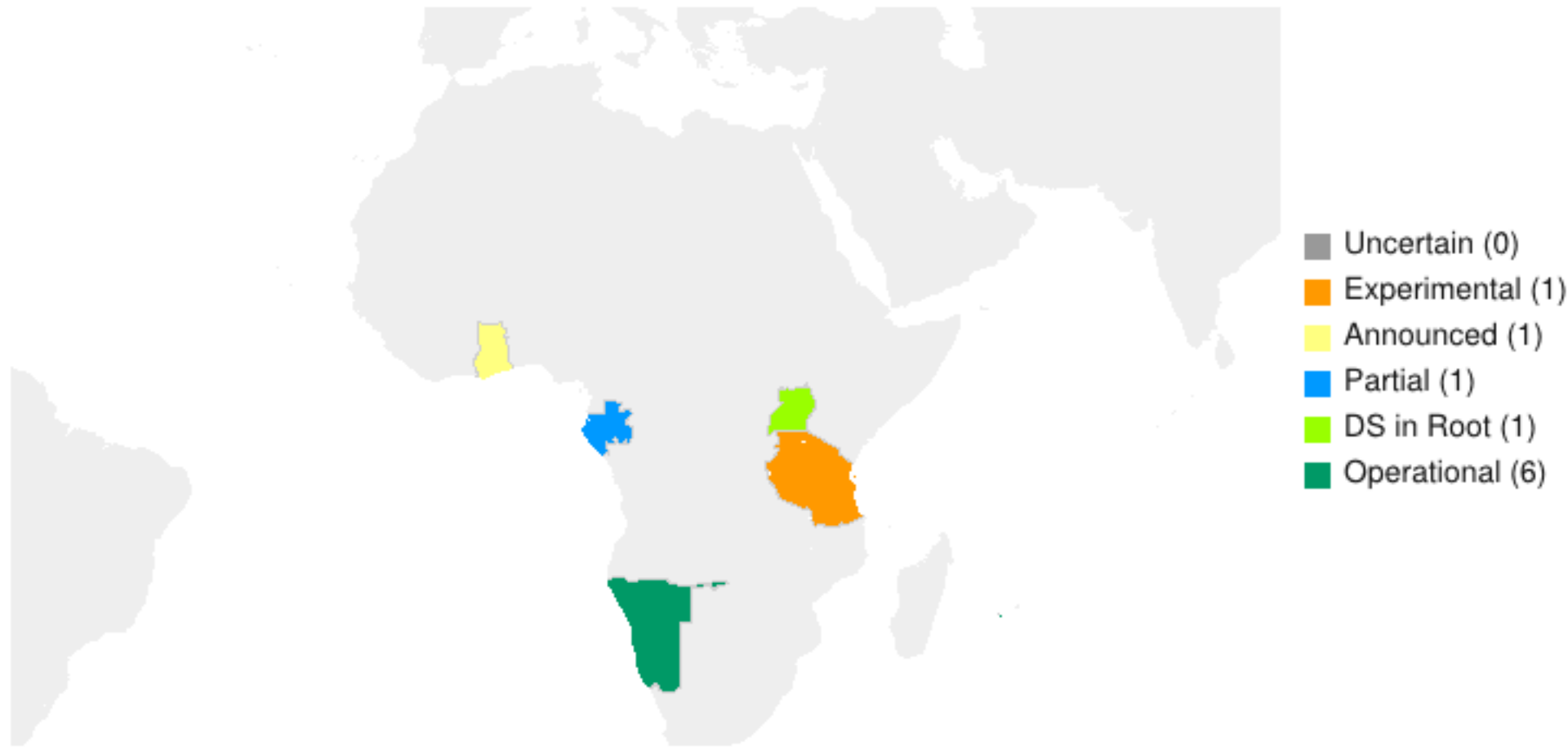# EUR ccTLD DNSSEC Status on 2013-04-03

Legend:
- Uncertain (0)
- Experimental (3)
- Announced (4)
- Partial (0)
- DS in Root (2)
- Operational (23)

EUR ccTLD DNSSEC Status on 2014-04-03

Uncertain (0)

Experimental (0)

Announced (3)

Partial (0)

DS in Root (2)

Operational (27)

AF ccTLD DNSSEC Status on 2012-04-03

- Uncertain (0)
- Experimental (1)
- Announced (1)
- Partial (1)
- DS in Root (1)
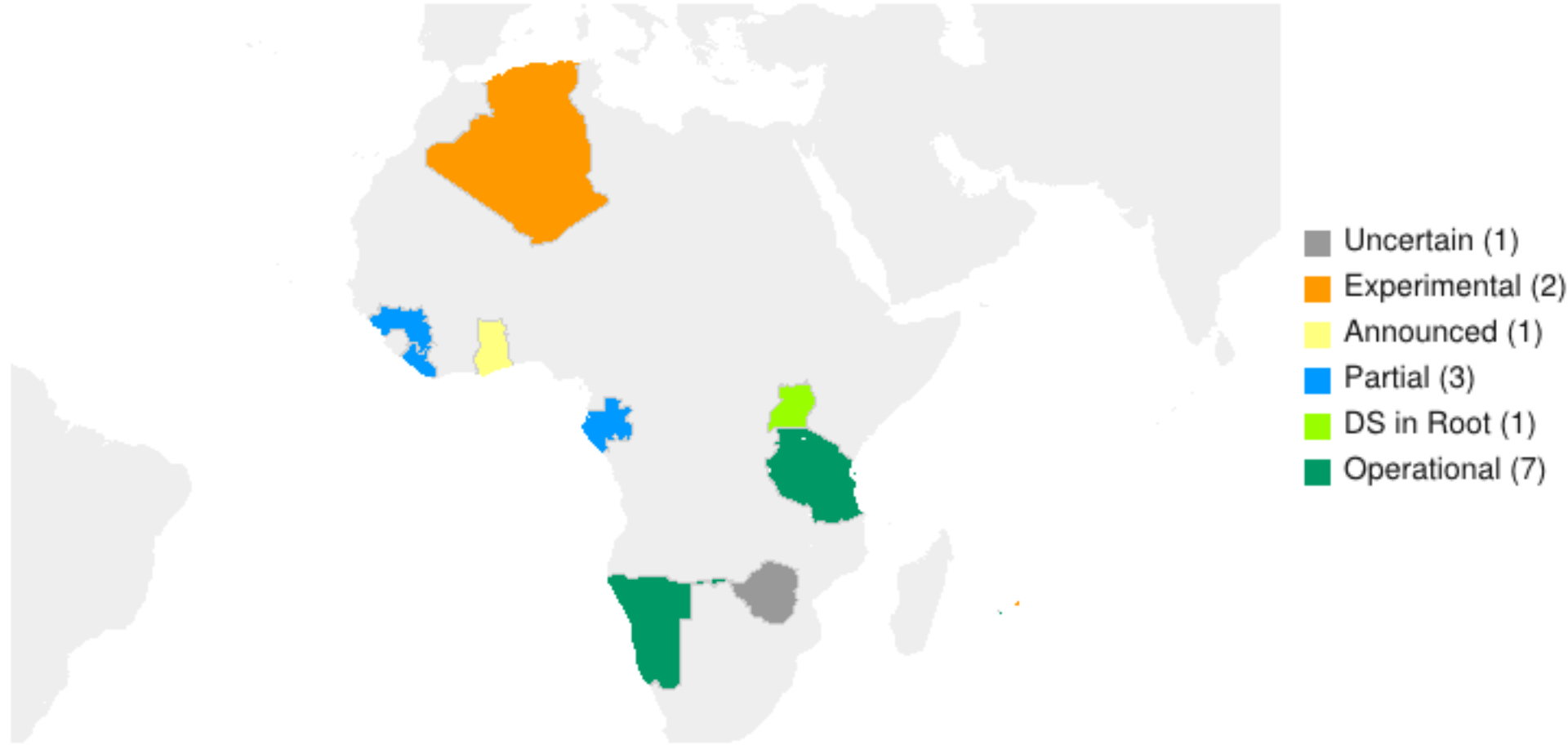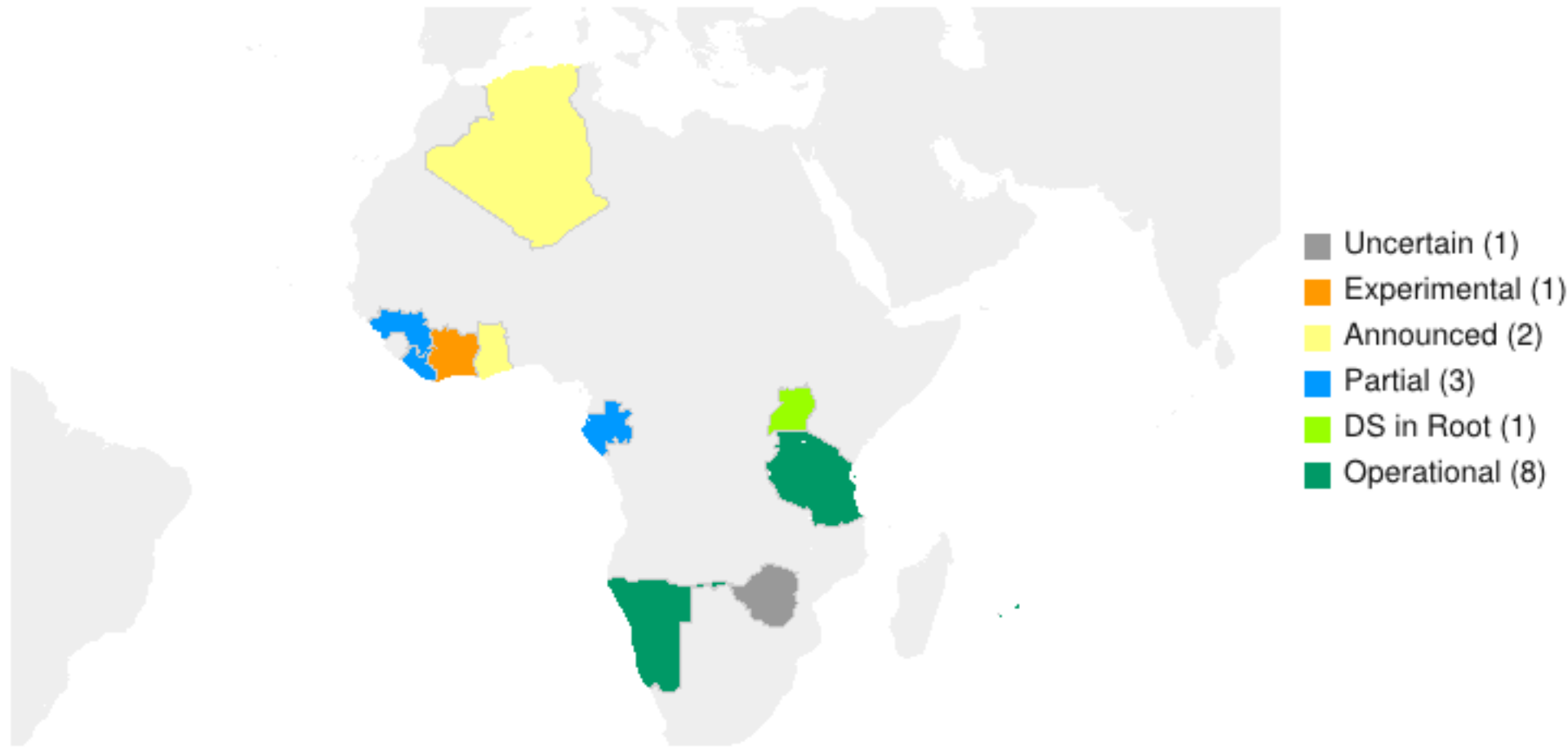- Operational (6)

AF ccTLD DNSSEC Status on 2013-04-03

Legend:

- Uncertain (1)
- Experimental (2)
- Announced (1)
- Partial (3)
- DS in Root (1)
- Operational (7)

AF ccTLD DNSSEC Status on 2014-04-03

Uncertain (1)
Experimental (1)
Announced (2)
Partial (3)
DS in Root (1)
Operational (8)

AP ccTLD DNSSEC Status on 2012-04-03

- Uncertain (0)
- Experimental (4)
- Announced (2)
- Partial (0)
- DS in Root (8)
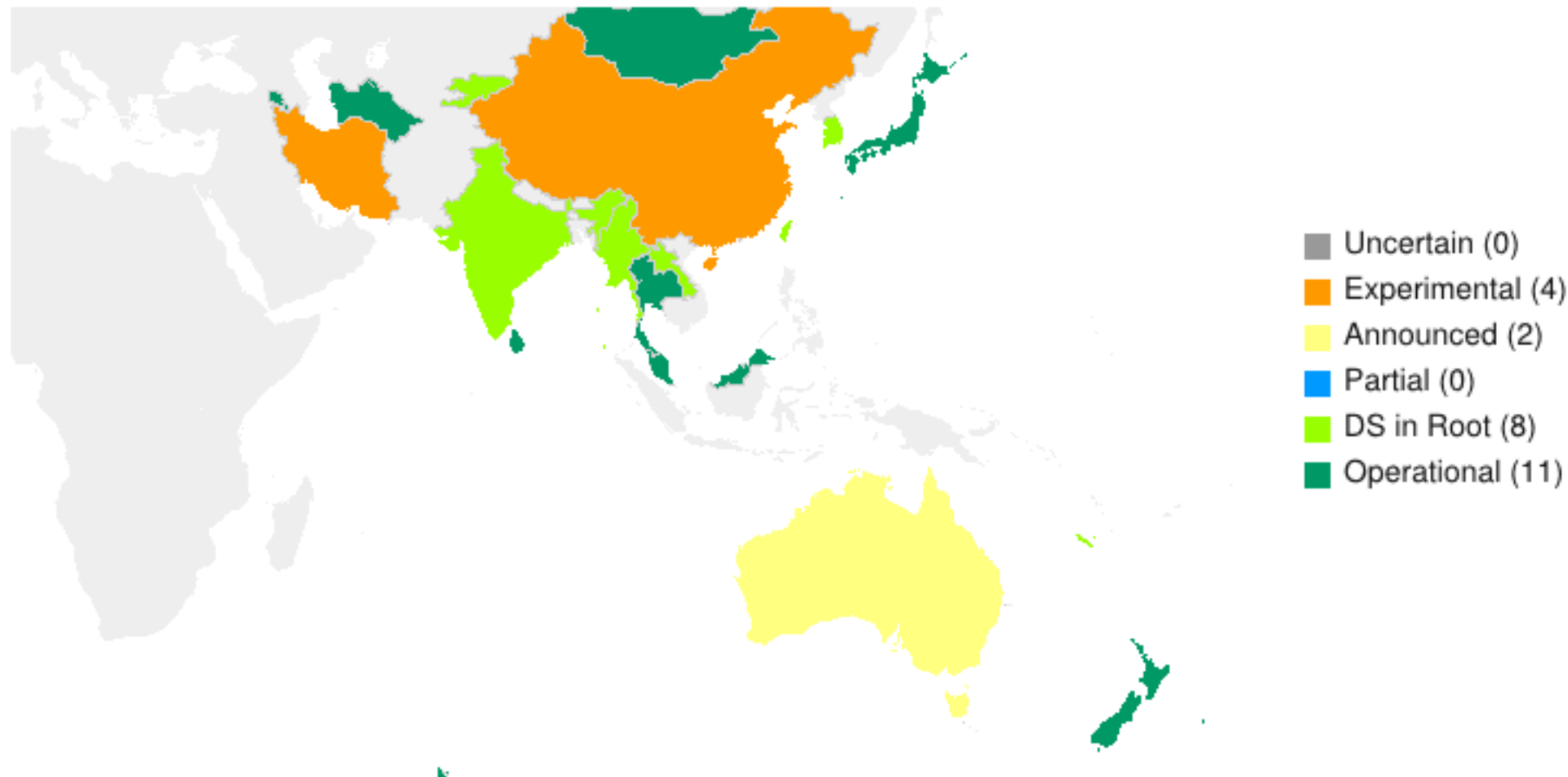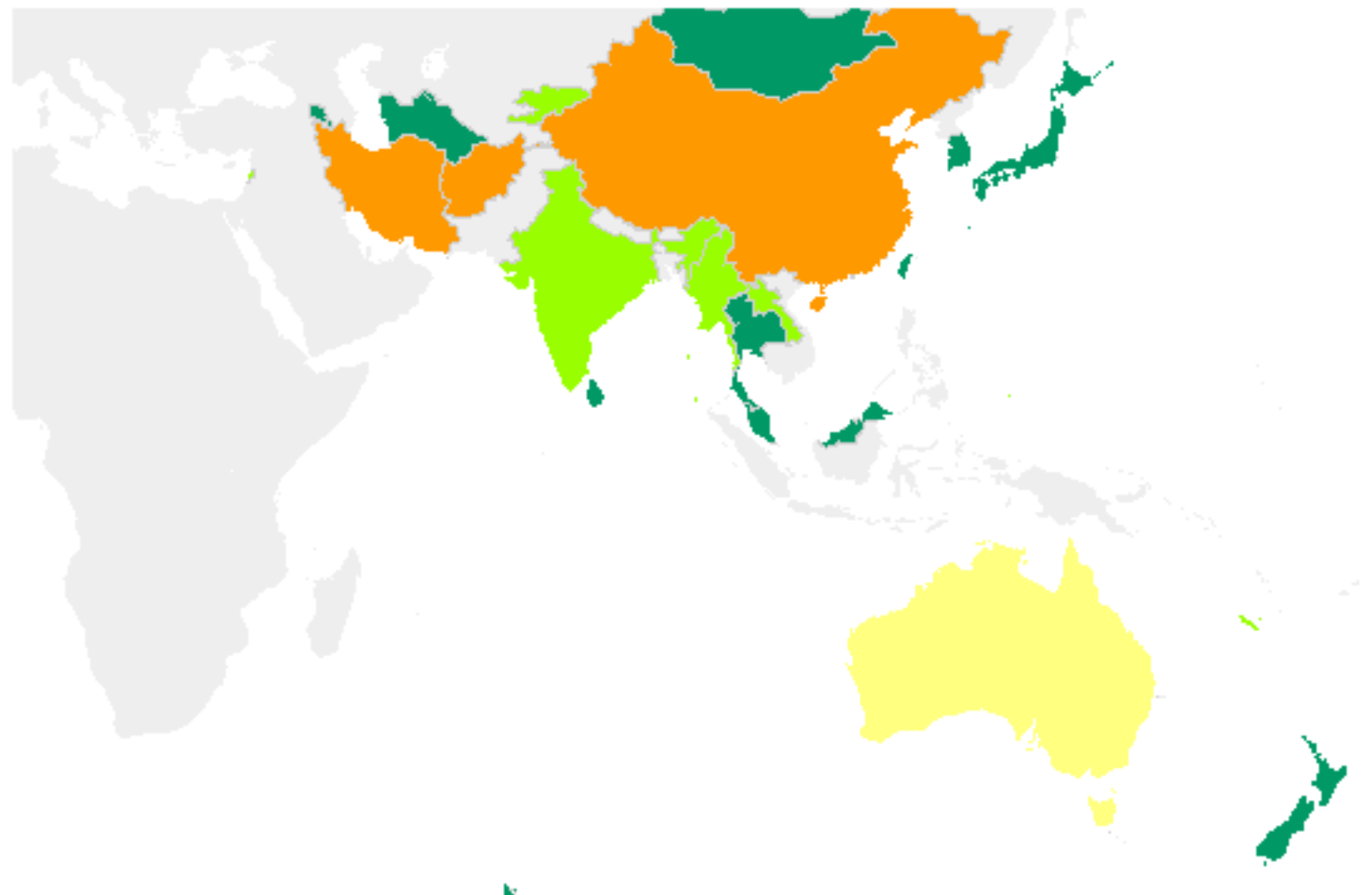- Operational (11)

AP ccTLD DNSSEC Status on 2013-04-03
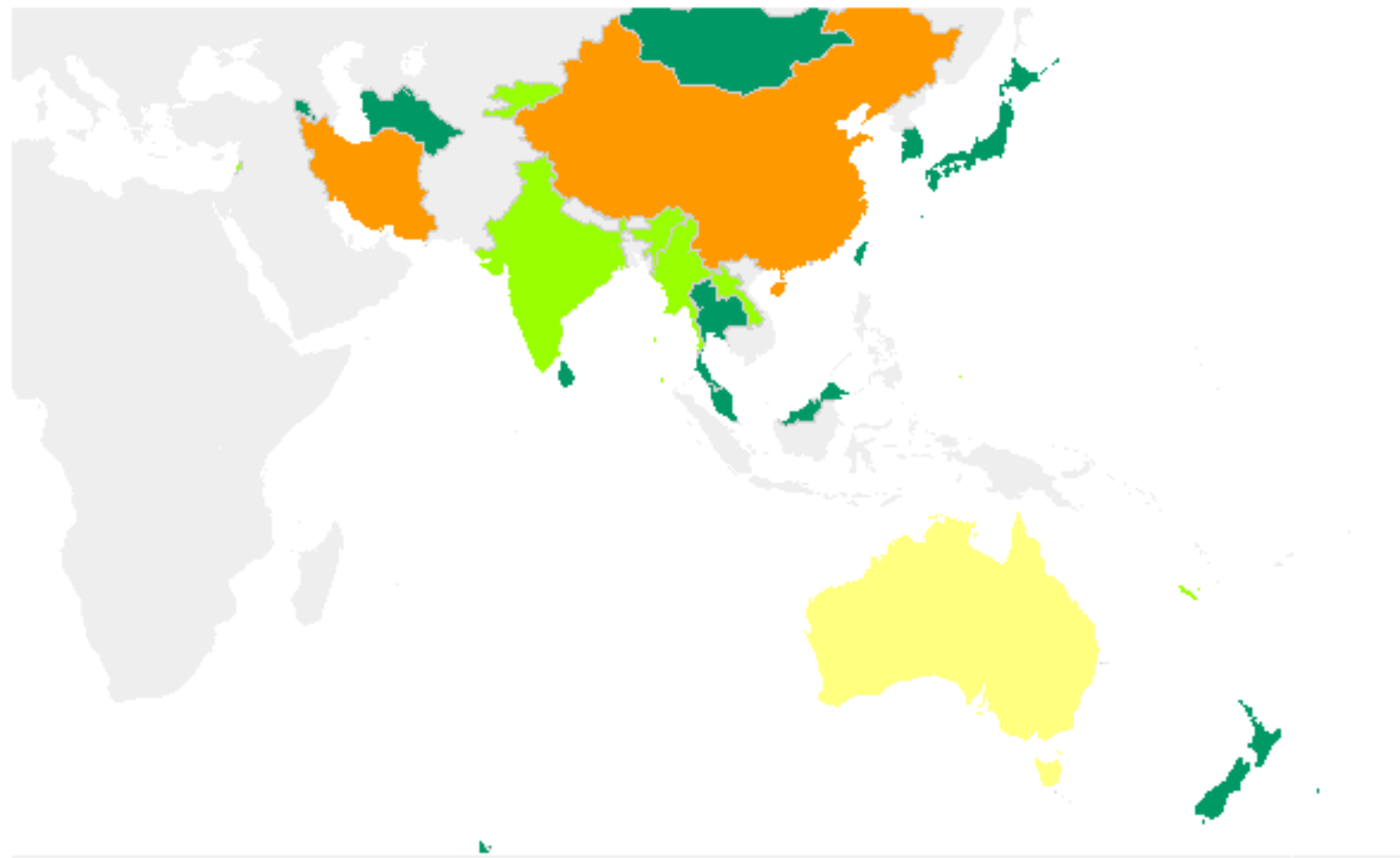
Legend:
- Uncertain (0)
- Experimental (4)
- Announced (3)
- Partial (1)
- DS in Root (9)
- Operational (13)

AP ccTLD DNSSEC Status on 2014-04-03

Uncertain (0)

Experimental (5)

Announced (2)

Partial (2)

DS in Root (9)

Operational (13)

Thank You and Questions