A first look at Saturday’s MS-SQL worm as seen by BGP activity recorded by the RIS project

James Aldridge
Arife Vural

RIPE NCC New Projects group
State Change Rate

Number of state changes (20030125)

State changes/Hour

Time

RRC00
RRC01
RRC02
RRC03
RRC04
RRC05
RRC06
RRC07
RRC08

James Aldridge
RIPE44, 28 January 2003, Amsterdam
http://www.ripe.net
Announcements/Peer

2003-01-25 "MS-SQL Worm" - BGP Announcement Activity Per Peer @ rrc00

BGP Announcements/5min

Time (UTC)
Withdrawals/Peer

2003-01-25 "MS-SQL Worm" - BGP Withdrawal Activity Per Peer @ rrc00
Root Name Service Prefix Activity

*.root-servers.net BGP Activity 2003-01-25
(ANNOUNCEMENTS)

Announcements/hour

Time (UTC)

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23

James Aldridge
RIPE44, 28 January 2003, Amsterdam
http://www.ripe.net
Root Name Service Prefix Activity

*.root-servers.net BGP Activity 2003-01-25 (WITHDRAWALS)

Withdrawals/hour

Time (UTC)
Root Name Service Prefix Activity

Aggregate Root Nameserver BGP Activity
2003-01-25 00:00-24:00 UTC

Updates / 15 minutes

Announcements
Withdrawals

James Aldridge
RIPE44, 28 January 2003, Amsterdam
http://www.ripe.net
Root Name Service Prefix Activity

Aggregate Root Nameserver BGP Activity
2003-01-25 05:00-16:00 UTC

Updates/15 minutes

Announcements
Withdrawals