Welcome to the ARIN/CAIDA IPv6 Survey

The American Registry for Internet Numbers (ARIN), in cooperation with the Cooperative Association for Internet Data Analysis (CAIDA), is conducting a survey to gather data regarding the current and future use of IPv6 throughout the ARIN Region[1]. We encourage all organizations in the ARIN region to participate in this survey in an effort to establish a comprehensive view of present IPv6 penetration and future plans of IPv6 deployment.

The results of the survey will be presented and discussed at the ARIN XXI Public Policy and Members Meeting to be held 6-9 April 2008,in Denver. The survey data will also support ongoing research.

The survey is composed of 20 questions which can be answered in a few minutes. For those without IPv6 allocations or assignments, or who have not yet deployed IPv6, the questions will be fewer in number.

The survey is secure and all data will be kept confidential between ARIN and CAIDA and only presented in summary form.

We appreciate your time and interest in completing this survey. Be sure to indicate if you are willing to share additional data with CAIDA and provide your name and contact information if you wish to be eligible to win a prize.

The survey must be completed by noon ET on 24 March. Any questions you have concerning the survey may be addressed to info@arin.net.

Regards,

Member Services
American Registry for Internet Numbers (ARIN)

(1) The ARIN service region includes:

ANGUILLA	MARTINIQUE
ANTARCTICA	MONTSERRAT
ANTIGUA AND BARBUDA	PUERTO RICO
BAHAMAS	SAINT KITTS AND NEVIS
BARBADOS	SAINT LUCIA
BERMUDA	SAINT VINCENT AND THE GRENADINES
BOUVET ISLAND	ST. HELENA
CANADA	ST. PIERRE AND MIQUELON
CAYMAN ISLANDS	TURKS AND CAICOS ISLANDS
DOMINICA	UNITED STATES
GRENADA	UNITED STATES MINOR OUTLYING ISLANDS
GUADELOUPE	VIRGIN ISLANDS (BRITISH)
HEARD AND MC DONALD ISLANDS	VIRGIN ISLANDS (U.S.)
JAMAICA	

IPv6 Survey Questions

* 1. Check the category which best describes your organization.

ʝ◌ Education

ʝ◌ Government(local, state, or Federal)

ʝ◌ Association

ʝ◌ Commercial Business

ʝ◌ Research and Development

ʝ◌ Other, please specify

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* 2. What is your organization's financial status?

ʝ◌ Profit

ʝ◌ Nonprofit/Not for Profit

* 3. If your organization has signed a Registration Services Agreement with ARIN, are you considered an:

ʝ◌ ISP

ʝ◌ End-user

ʝ◌ Not Sure

ʝ◌ We do not have a contract with ARIN

* 4. What is the size of your organization?

ʝ◌ Small (100 employees or less)

ʝ◌ Medium (101 up to 1000 employees)

ʝ◌ Large (1001 up to 10,000 employees)

ʝ◌ Very Large (more than 10,000 employees)

* 5. Does your organization presently have an IPv6 allocation/assignment?

ʝ◌ Yes

ʝ◌ No

6. If you answered "No" to question 5, why doesn't your organization have an IPv6 allocation/assignment?
Please note: after answering this question, proceed to question #18.

- ⊝ Don't see the need
- ⊝ Cannot meet the requirements
- ⊝ Cannot afford the expense
- ⊝ ISP doesn't support v6
- ⊝ Haven't gotten around to it yet
- ⊝ Our infrastructure doesn't support it
- ⊝ Other (please specify)

7. If you answered "Yes" to question 5, what motivated your organization to get an IPv6 allocation/assignment?

- ⊝ Customer demand
- ⊝ Couldn't get enough IPv4 addresses
- ⊝ Want to be "ahead of the game"
- ⊝ To make sure v6 is supported in our products
- ⊝ Other (please specify)

8. Does your organization have an IPv6 presence on the Internet?

- ⌥ Yes
- ⌥ No

9. Comment on what has been (or will be) the biggest hurdle(s) to your organization deploying IPv6?

10. If your organization has tried IPv6 in production, but then turned it off, why?

- ☉ Technical problems

- ☉ Lack of user demand

- ☉ Budget issues

- ☉ Other (please specify)

11. Please indicate your organization's IPv6 setup.

- ◯ Dual-stack (ie IPv4 and IPv6 on the same hardware)

- ◯ Separate infrastructure for IPv4 and IPv6

12. Describe the nature of your organization's IPv6 production services.

- ☉ Native IPv6

- ☉ Tunneled IPv6

- ☉ NAT

- ☉ Other (please specify)

13. If your organization has IPv6 in production, how does the amount of IPv6 traffic compare to your IPv4 traffic?

- ◯ IPv6 traffic is insignificant

- ◯ IPv6 traffic is non-negligible but less than IPv4 traffic

- ◯ IPv6 traffic is same as IPv4 traffic

- ◯ IPv6 traffic is greater than IPv4 traffic

- ◯ Comments

14. If your organization has IPv6 in production, how does your profile of IPv6 traffic compare to your IPv4 traffic? (e.g. workload, application types, performance)

15. If you or your organization is willing to provide IPv6 data for cooperative analysis, what type(s) of data?

- IPv4/IPv6 topology probing data
- BGP update streams
- Netflow or other flow reports
- Packet traces
- Maybe, but I need more information so please contact me
- Other (please specify)

16. If you or your organization is willing to participate in measurement studies of IPv6, in what capacity? (check all that apply)

- Running software
- Dedicating rack space, power, colo, transit to a project
- Dedicating a hosted PC to a project (above plus hardware)
- Maybe, but I need more information so please contact me
- Other (please specify)

17. Which best describes how your organization's IPv6 implementation and/or future plans?

	Currently Deployed	Deploy - 1 to 6 months	Deploy - 6 months to 1 year	Deploy - More than 1 year	Deploy - More than 2 years	Deploy - More than 4 years	We have no plans
Internal (non public) network	○	○	○	○	○	○	○
Providing IPv6 transit	○	○	○	○	○	○	○
IPv6 Peering	○	○	○	○	○	○	○
Hosted IPv6 Services	○	○	○	○	○	○	○
Webservices	○	○	○	○	○	○	○
DNS services	○	○	○	○	○	○	○
E-mail services	○	○	○	○	○	○	○
Cable/DSL modems	○	○	○	○	○	○	○
Corporate/university desktops	○	○	○	○	○	○	○

Other (please specify)

18. What is the name of your organization? (optional)

19. If your organization has a business relationship with ARIN, what is your ORG-ID? (optional)

[   ]

20. If you answered "contact me" in question 15 or 16 AND/OR you wish to be entered into a raffle for a prize drawing, please provide your name and e-mail address below.

Name   [   ]

E-mail address [   ]

Thank you for completing the survey.

CAIDA will present the survey results at the upcoming ARIN XXI meeting in Denver, Colorado. The results will also be published on the ARIN website. The data will be used in further studies. If you have additional information that you would like to share with CAIDA/ARIN about your IPv6 experiences that was not captured in this survey, please feel free to send such information to info@arin.net.