

# AfriNIC Anycast Root Copy Deployment Workshop

## 2 - 3 November 2008

**A**friNIC, The Regional Internet Registry for Africa, as per its mission “*To serve the African community by providing professional and efficient management of Internet Number Resources, supporting Internet technology usage and development, and promoting Internet self governance*” and in collaboration with national and regional IXPs, is launching an Anycast Root Server Project which aims to increase the number of instances of root servers in the African region.

The project aims at supporting well established IXPs in the African Region to deploy instances of root servers. AfriNIC will facilitate contact with Root Server Operators and provide where needed, financial and technical support for the local deployment (mainly equipment purchases and technical setup). AfriNIC will engage in one-to-one discussions with participant Root Server Operators to get the formal agreements and discuss requirements for Anycast copy deployment (these requirements can be discussed in order to make it more affordable without influencing the reliability of the node).

The draft Agenda of the workshop is as followed:

| Day-1: 2 November 2008 |  |
|------------------------|--|
| 08:00 - 09:00          | <b>Registration</b>  |
| 09:00 – 10:00          | Introduction to Root-Servers System <ul style="list-style-type: none"><li>- Background</li><li>- Root servers distribution</li><li>- Why local copies of root servers are important</li><li>- IXP and root servers</li></ul> |
| 10:00- 11:00           | Introduction to Anycast Technology   |
| 11:00 – 11:30          | <b>Coffee Break</b>  |
| 11:30 – 12:30          | Introduction to Anycast Technology (con't)   |
| 12:30 – 14:00          | <b>Lunch</b>   |
| 14:00 – 15:00          | <b>RIPE NCC: K</b> root server, technology and deployment  |
| 15:00 – 16:00          | <b>ISC: F</b> root server, technology and deployment   |
| 16:00 - 16:30          | <b>Tea Break</b>   |
| 16:30 – 17:00          | Q & A  |
| Day-2: 3 November 2008 |  |
| 09:00 – 10:00          | <b>Autonomica: I</b> root server, technology and deployment  |
| 10:00 – 11:00          | <b>WIDE: M</b> root server, technology and deployment  |
| 11:00 – 11:30          | <b>Coffee Break</b>  |
| 11:30 – 12:30          | Monitoring and Troubleshooting Anycast implementations   |

|                       |   |
|-----------------------|---|
| 12:30 - 14:00         | <b>Lunch</b>  |
| 14:00 – 14:30         | <u>AfriNIC Anycast root server Program</u>  |
| 14:30 – 16:00         | Open discussion: <ul style="list-style-type: none"> <li>- IXP role for Internet development in Africa</li> <li>- IPv6 deployment at IXP</li> <li>- ccTLD and IXP</li> </ul> |
| <b>End of Session</b> |   |

## Registration form

Name

First Name

Organisation

IXP Name

Country

Responsibility in the IXP

Number of members of the IXP

Have you already planned to deploy an anycast root server?  (Yes or No)

If “Yes”, in which timeframe?

Do you request support to travel to Cairo? YES ☐ NO ☐

If yes how much?

Please fill this form and fax to +230 466 6758 (Attn: Lillian Sharpley) or scanned to [meeting@afriNIC.net](mailto:meeting@afriNIC.net)