

AFIX Technical Workshop: Session 8

Exercise: Group A

Instructions

- The class should divide into three groups.
- Before you start the exercise, nominate a spokesperson for your group when the class reconvenes.
- Now read through the IXP policy document below. As a group, discuss the following questions (make sure your spokesperson takes notes for reporting back to the class):
 1. How has this IXP resolved the following issues covered during the presentation:
 - Location
 - Ownership and form
 - Governance
 - Additional services
 - Pricing
 - Interconnection policy
 - Acceptable use
 2. What elements of this policy, if any, would be appropriate for your local conditions?
 3. What would be the most appropriate policy or set of policies for your local conditions?
- Be prepared to report your conclusions back to the class and take part in further discussion.
- You have a maximum of half an hour to complete this exercise.

Johannesburg Internet Exchange (JINX) Policy

General

- The IXP is to be managed by an association of ISPs (ISPA) who determine the requirements for participation in the IXP.
- A link to an interconnection point does not imply traffic exchange with any of the other participants at that point.
- Participants must negotiate traffic exchange agreements with other participants independently of the ISPA.
- Participants must publish their peering policy.
- In the case of a dispute between participants, the ISPA shall act as mediator.

Requirements for participation

- Any "large" ISPA member (as defined in the ISPA's membership structure) may participate at either or both of the ISPA operated IXPs.

- Any "medium-sized" ISPA member (as defined in the ISPA's membership structure) may participate at a single IXP.

Costs

- The set-up and ongoing running costs necessary to provide essential facilities at each IXP are divided equally between participants at that IXP.
- With the exception of the host, each participant at an IXP is responsible for the installation and monthly rental costs of the physical line from itself to the IXP.
- The host may connect directly to the IXP using a clocked line. The host must pay to the ISPA an amount equivalent to the cost of installing and renting a leased line of the same capacity as the clocked line.

Role of the ISPA

- The ISPA will keep a set of accounts for each IXP.

Role of the host

- The host of each IXP must ensure that essential facilities are provided at the IXP.
- The host must ensure that all participants have 24 hour access to the IXP.

Role of the participant

- Each participant at an IXP must negotiate a traffic exchange agreement with at least two other participants at that IXP.
- Each participant is responsible for obtaining a physical link to the IXP.
- Each participant must supply a router for the IXP. The router remains the property of the participant.

Liability

- Participants cannot hold the ISPA or any other participants responsible for network outages of any kind.