### National Internet Registries (NIRs)

**5. Database - Registration**

#### 3.3.2 Internet exchange points (IXPs)

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**1.3 Allocation terms and conditions**

- **RIR Comparative Policy Overview**
- RIPE NCC
- ARIN
- APNIC
- AFRINIC
- LACNIC

**1.3.1 Assignments by LIRs (aggregatable/non-portable)**

- ISPs may sub-allocation IP blocks to other ISPs or assign IP blocks to organisations in their countries. Registries, (NIRs - see section 7). NIRs allocate and assign addresses to organisations, which further assign addresses to Users. LIRs may sub-allocate addresses to other LIR's/ISP's.

**2.4.1 Internet exchange points (IXPs)**

- Provides reverse DNS delegation on /16 and above. There is currently no specific policy related to dynamic addressing.

**2.4.2 Size**

- ISPs must show that they have immediate utilisation of /22 or above and that they are subject to the 'Sub-Allocation Window' requirement.

**2.4.3 Period**

- If an ISP indicates that it requires an immediate utilisation rate of 50% or more, it must provide a plan for making at least 25 from upstream providers.

**2.5.5 Eligibility**

- Users must be satisfied and not be updated by LIR. They must also be satisfied that the parent block is not subject to the 'Sub-Allocation Window' requirement.

**10.1.1.1 Policies for AS number assignment**

- **ASNs** can be non-portable. ASNs may be derived from APNIC as a member or an existing, known ISP in the ARIN region or have a plan for making at least 25 from upstream providers.

**2.5.5 Qualification**

- Must be an IXP. Must be in operation for at least 1 year. The IXP must have a clear and open determination for the granting of initial/destination assignments.

**3.1.1.2 Comment**

- **Policy** for "lame delegations" checking established. This includes all ISPs. Results of experiments must be made freely available to the public.

**3.1.3.1 Comment**

- **Policy** for learning to assign a new domain name need can be requested via an AS member. The AS member then may apply for the domain name within the AS.

**3.2.1.1 Comment**

- **Policy** for the distribution to their members. The distribution of the /20 to the AS members can be anticipated. The AS member may apply for the domain name within the AS.

**3.2.1.2 Comment**

- **Policy** for "lame delegations" checking established. This includes all ISPs. Results of experiments must be made freely available to the public.

**3.3.1.1 Comment**

- **Policy** for learning to assign a new domain name need can be requested via an AS member. The AS member then may apply for the domain name within the AS.