

**Initial allocation criteria before
and after the final /8**

Initial allocation criteria b.f./8

To be eligible to obtain an initial allocation, an LIR must:

- a. have used a /24 from their upstream provider or demonstrate an immediate need for a /24;
- b. have complied with applicable policies in managing all address space previously allocated to it (including historical allocations);
- c. demonstrate a detailed plan for use of a /23 within a year; and

- d. commit to renumber from previously deployed space into the new address space within one year.

Prop-094 proposes to change this part

Initial allocation criteria b.f./8

- A requestor must justify the needs for a /22
- The requestor must agree to renumber from previously assigned IPv4 address space from its upstream

b.f./8 = before the final /8

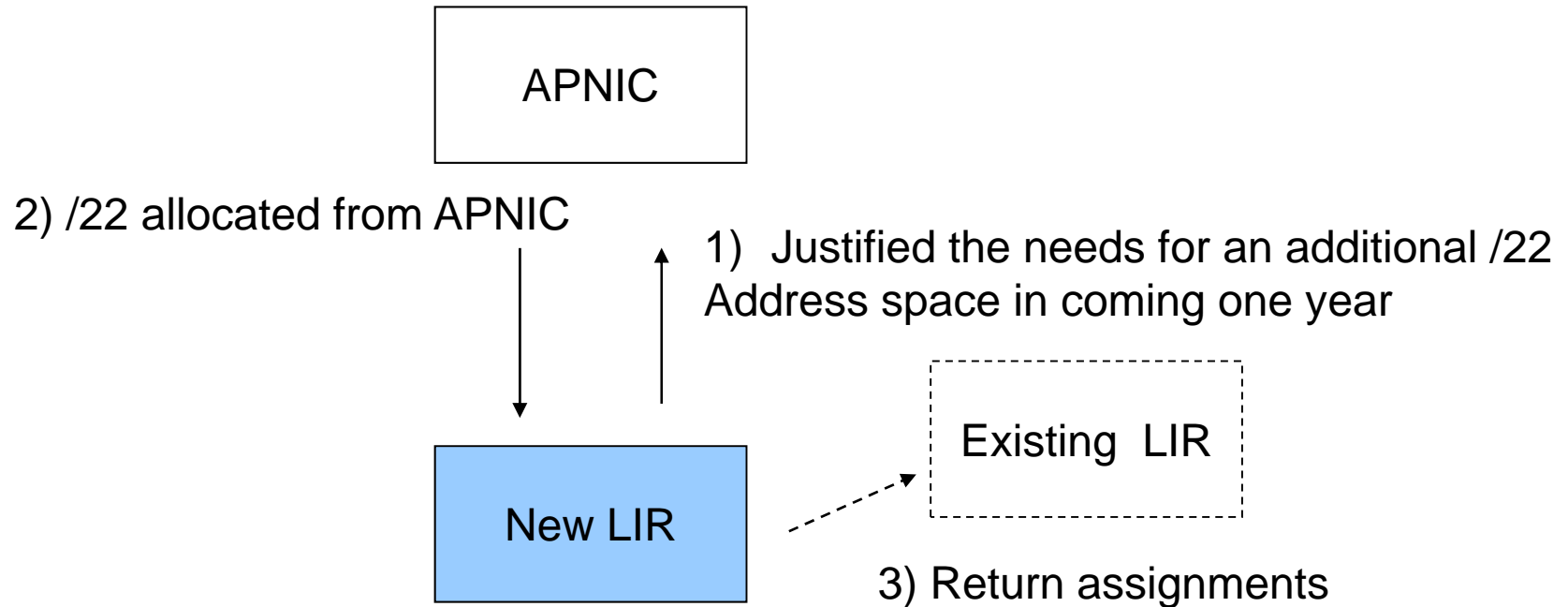
Current allocation practice

- APNIC can make sufficient allocation (s) to a new LIR to compensate for address space they returned to the upstream assignments (for renumbering to allocated space)

Issue with renumbering requirement a.f./8

- APNIC will not be able to compensate for address space a new LIR must return to its upstream by renumbering requirements
 - APNIC can only allocate a /22, regardless of a new LIR's existing address holdings from its upstream
- It will not allow a new LIR to secure an additional /22 under the final /8 policy (even after justification of their additional needs)
 - In some cases, their total address holdings will be smaller as a result of receiving /22 under the final /8 policy
 - If their assignments from the upstream > /22

Issue with renumbering requirement a.f./8



LIR's total address =
/22 – (minus) existing assignment from upstream LIR (*)

(*) Existing assignments from ex-stream could be equal to or larger than /22

Initial allocation criteria a.f./8 (prop-094)

- A requestor must justify the needs for a /22

Requirements to justify the address needs remains unchanged

- The requestor must agree to renumber from previously assigned IPv4 address space from its upstream **OR**

Demonstrate 80% usage of the past assignments

Prop-094 suggests to add this alternative

a.f./8 = after the final /8

Initial allocation criteria a.f./8 (prop-094)

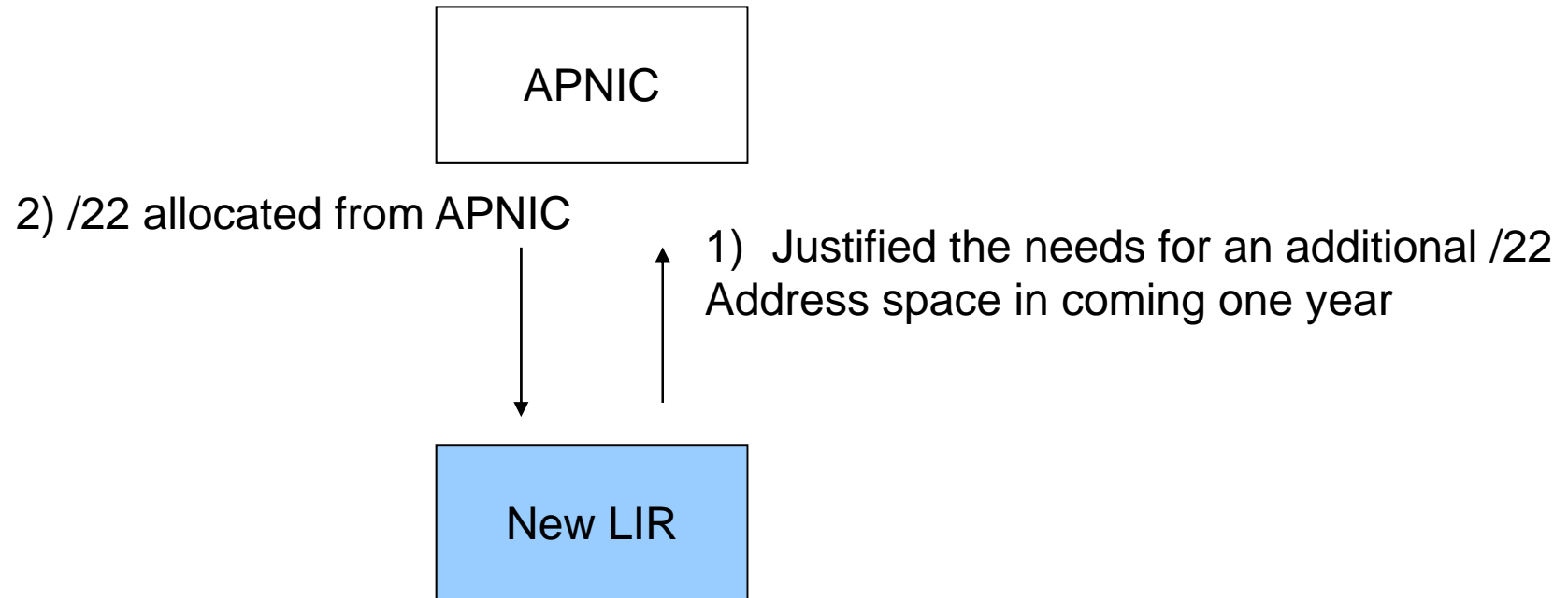
To be eligible to obtain an initial allocation, an LIR must:

- a. have used a /24 from their upstream provider or demonstrate an immediate need for a /24;
- b. have complied with applicable policies in managing all address space previously allocated to it (including historical allocations);
- c. demonstrate a detailed plan for use of a /23 within a year; and
- d. commit to renumber from previously deployed space into the new address space within one year. **OR**

Demonstrate that the usage rate of previous IPv4 address space holding from their upstream provider(s) reached 80%

Prop-094 suggests
to add this
alternative

a.f./8 under prop-094



LIR's total address =
/22 + (plus) existing assignment from upstream LIR (*)

(*) Given they can demonstrate 80% usage, like in the subsequent allocation criteria