IPv6 subTLA Request Form (in the Bootstrap Stage)

ASCII PostScript

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See also:

ripe-196

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Overview

This document contains the set of templates to be used when submitting an IPv6 sub-TLA request. Please submit the form via e-mail to "<hostmaster@ripe.net>."

- **Warning:** Requests that are sent to the RIPE NCC which lack a proper Registry Identifier (X-NCC-RegID) will be returned to the sender. Please include the Registry Identifier in the header of the message or at the top of this form. Further, any modifications to the templates may result in a delay in handling. X-NCC-RegID: #[IPV6 SUBTLA REQUEST]#

Section A (Administrative Information)

#[REGISTRY ID]#

Please enter your registry ID here.

#[OVERVIEW OF ORGANIZATION TEMPLATE]#

A short description of the organisation requesting the IPv6 address space. Is this sub-TLA request for the entire organisation or will other parts of the organisation also be requesting a sub-TLA (perhaps from the other Regional Registries)? Please note that an LIR can only request a sub-TLA for themselves and not on behalf of another organisation.

#[REQUESTER TEMPLATE]#

Please enter the name of the person at your registry who is filing this request.

name:
organisation:
country:
phone:
fax-no:
e-mail:

#[USER TEMPLATE]#

Please enter the name of the IPv6 contact at your registry (the person actually planning and setting up the network) if different from above.

name:
organisation:
country:
phone:
fax-no:
e-mail:

Section B (Criterion 1 & 2)

#[PEERING INFORMATION TEMPLATE]#

The requesting organisation's network must have IPv4 BGP peering relationships with at least three other public Autonomous Systems in the default-free zone. By default-free zone, we mean that the organisation is receiving the full Internet routing table separately from 3 neighbouring ASes.

Please enter your AS number here:

aut-num:

The RIPE NCC will check the information in the database, and expects to find up-to-date information.

Please give contact information of 3 of the peers mentioned in your aut-num template:

AS Number & e-mail address of contact
1.
2.
3.

If possible, please list the URL of a looking glass where we can verify this information:

The RIPE NCC may also verify the information by contacting the mentioned peers for their confirmation.

#[Deployment Plan Template]#

The requesting organization must show that it plans to provide production IPv6 service within 12 months after receiving allocated address space. This must be substantiated by such documents as an engineering plan or a deployment plan.

Please answer as many of the questions below as possible. The more information, the faster we can evaluate the request.

1. Please give a general description of your IPv6 plans, including the services you will provide and the types of customers you expect to have. Please also give a general estimate of when parts of the IPv6 network will be deployed.

In order to give us more information about the types of services you will be offering (such as leased line, dial-up, facilities management, multihoming, web hosting, transit, etc..), please fill out the table below along with a timeline of when these services will be implemented and the locations.

|--Service--|--Date--|--Location--|--Description--|

2. What kind of IPv6 connectivity will you (or do you) have? Please explain how your network will be connected to other IPv6 networks, this can include a connection to 6REN, the 6Bone or other connections.

3. What kind of IPv6 equipment do you have (or plan to have)? Please complete as much of the table below as possible.

|Equipment|--------|Make &|---|Purchase|Install|
|--Type---|Quantity|Model-|URL|--Date--|-Date--|

4. #[IPv6 ADDRESSING PLAN]#

Please show an addressing plan of the registry's planned IPv6 infrastructure. Include an entry for each physically separate subnet in the network. If you already have some future SLA/NLA customers lined up, please include them here as well. We don't expect you to show how you will use the entire sub-TLA, only the addresses that you now have concrete plans for. If you have an existing IPv4 network and expect to convert parts or all of the network into IPv6, you can show it here as well.

|Relative|----When Used----|-----------|
|Prefix#-|Immediate|1yr|2yr|Description|

Explanation: An IPv6 addressing plan is somewhat different from an IPv4 addressing plan. The relative prefix should show the slash notation of the subnet size (for example /64). The Immediate, 1yr, 2yr fields should include an "x" in the one of the three columns depending on when the addresses will be put into use (immediately, in 1 year, or in 2 years?)

For example:

|Relative|----When Used----|-----------|
|Prefix#-|Immediate|1yr|2yr|Description|
/64 x Web servers POP Amsterdam

5. Have you publicised your IPv6 services to potential customers? (such as preparing a brochure, sending out an e-mail with information, having a web-site about IPv6 plans, etc..) If yes, please include a pointer (a URL) to where we can find public information about your IPv6 plans, or forward/fax us the information. This kind of information is especially usefull if you do not yet have IPv6 customers lined up since it shows the RIPE NCC what you are doing to attract new customers.

6. Do you have a topology map of your planned (or current) IPv6 network? If yes, please fax it to: +31 20 535 4445 with this request's ticket number in the cover letter (or send is as a postscript attachment).

Section C (Criterion 3 or 4)

Please fill in either the #[Transit Provider Template]# or the #[6Bone Template]# below.

#[TRANSIT PROVIDER TEMPLATE]#

The requesting organization must be an IPv4 transit provider and must show that it already has issued IPv4 address space to 40 customer sites that can meet the criteria for a /48 IPv6 assignment. In this case, the organization must have an up-to-date routing policy registered in one of the databases of the Internet Routing Registry, which the Regional IR may verify by checking the routing table information on one of the public looking glass sites).

Please list 40 of your IPv4 customers who can meet the criteria for a /48 IPv6 assignment.

|--name of cust.--|-netname-|-IP address range-|

The RIPE NCC will verify this information in the RIPE database and expects the assignments to be entered correctly.

#[6BONE TEMPLATE]#

The requesting organization must demonstrate that it has experience with IPv6 through active use of a pseudo-TLA (pTLA) registered to it for at least six months prior to requesting a sub-TLA. The regional IRs may require documentation of acceptable 6Bone routing policies and practice from the requesting organization.

Have you been a pTLA holder on the 6Bone for at least 6 months? (If no, you need to fulfill the criteria in the #[Transit Provider Template]# above instead.)

Member since: (date of registration)
Length of time operating a pTLA: (in months)
6bone address allocation:

The RIPE NCC will check with the 6Bone IPv6 assignment commitee whether they recommend this organisation for a sub-TLA.

List of NLA/SLAs you've given out on the 6Bone:

|-Company name-|--Address Range---|-NLA or SLA?-|

Section D (Database Information)

#[NETWORK TEMPLATE]#

inet6num:
netname:
descr:
descr:
country:
admin-c:
tech-c:
status:
mnt-by: RIPE-NCC-HM-MNT
mnt-lower:
notify:
changed:
source: RIPE

#[MNTNER TEMPLATE]#

It is highly recommended that the Registry puts their mntner as mnt-lower for the sub-TLA block. This will prevent any unauthorised people from entering new inet6num objects within the Registry's address range. If you already have a mntner object, it is enough to reference it above, you do not need to fill in this template (since the information is in the database already).

mntner :
descr:
admin-c:
tech-c:
upd-to:
mnt-nfy:
auth:
remarks:
notify:
mnt-by:
changed:
source:

#[PERSON TEMPLATE]#

If the person(s) are already in the RIPE database, you do not need to fill out person templates for them here. It is enough to reference their nic-handles in the inet6num object above.

person:
address:
address:
address:
e-mail:
phone:
fax-no:
mnt-by:
notify:
nic-hdl:
changed:
source: RIPE

#[TEMPLATES END]#