

Date: July 2, 2007

Issue:

Public call for policy input and development

Background:

The State of Utah Registry for Internet Numbering (SURIN) is an organization authorized by the Utah Education Network Steering Committee to develop formalized IP Address allocation and utilization policies. The Utah Education Network (UEN) is responsible for IP address management through adherence to SURIN, and general INTERNET policies.

The Utah Education Network (UEN) manages 786,420 IPv4 addresses and 12 /16 IPv6 address blocks. In the IPv4 space, UEN routes 381,400 of these addresses, or about 48% of the total available. Additionally, UEN routes another 1.153 million IPv4 addresses from blocks managed by other affiliates.

All UEN Affiliates who receive IP Address blocks, both IPv4 and IPv6, and all UEN Affiliates who have IPv4 addresses routed by UEN are included as members of the SURIN organization. SURIN is seeking input from members to develop a definitive set of policies to govern the management of the UEN IPv4 and IPv6 address space.

Recently the American Registry for Internet Numbering (ARIN) has published its intent to reclaim IPv4 Addresses that are being underutilized in the education area. This announcement increases the urgency for organizations such as UEN and SURIN to formalize IPv4 allocation, distribution and utilization.

Policy Call:

The SURIN Board of Trustees request SURIN member input to develop policies for purposes described in the background section of this document. Policies focus on each area and separate policies will be developed specific to IPv4 and IPv6 address space. These policies will be formatted to conform generally with RFC 2050 (<http://www.faqs.org/rfcs/rfc2050.html>) and the ARIN Resource Network Policy Manual (<http://www.arin.net/policy/nrpm.html#one>).

All policy request content should also conform to both RFC2050 and the ARIN Resource Network Policy Manual. These documents form a foundation for policy that will guide the SURIN board in the adoption of SURIN specific policies. Those submitting policy requests should be familiar with both documents.

Opportunities for policy development exist in all areas of interest to SURIN membership. The following are suggestions and the inclusion of these does not, in any way, limit the scope of this policy request:

- Equitable address allocation
- Bit Boundary allocation
- Network Address Translation (NAT)
- Subnet Standards
- Security

Policy Submission Details

Policy requests must be submitted in writing to the SURIN Board of Trustees. All requests may be emailed to:

SURIN-Policy@lists.uen.org

Each policy request must be sponsored by a SURIN member. A public meeting will be held with the details as follows:

Date: August 7, 2007

Location: Utah Valley State College

Time: 10:00 AM

Format: Each sponsoring SURIN member submitting a written policy prior to the meeting will be given up to 15 minutes for an oral presentation to the SURIN Board of Trustees. Following each oral presentation members of the SURIN Board may direct questions to the policy sponsor. Additional comments by other members may be taken at the discretion of the Board of Trustees.

Additional Information: All policies received by the SURIN Board prior to August 1, 2007 will be eligible to present at the August 7, 2007 meeting. The meeting will conclude when all oral presentations have been given or 4:00 PM, whichever occurs first. In the event that not all oral presentations can be accommodated within the given time period, an additional public meeting will be scheduled. This meeting, if necessary, will be scheduled for the first available time convenient to the SURIN board after the August 7, 2007 public meeting.

Resources

The SURIN Technical Advisory Council is available to help with technical issues regarding policy development. SURIN members may consult with the Technical Advisory Council as part of the development of policy requests.

The Technical Advisory Council will review all policy requests prior to any action by the SURIN Board of Trustees.

Actions

Once a written policy request has been received and the sponsoring member has been given an opportunity to provide further input, the SURIN Board of Trustees will present these requests the Technical Advisory Council for review. Following a complete technical review the SURIN board may elect to take one or more of the following actions:

- Adopt the request as official SURIN policy
- Modify the request to conform with technical requirements and adopt amended request as policy
- Refer the request to the sponsor for further clarification
- Combine similar requests into a single policy and refer back to all involved sponsors for further input
- Reject the request and notify sponsoring member
- Take no action

Notices

All notices as to actions by the SURIN Board of Trustees will be posted on the SURIN web site and made available to all SURIN members in a timely manner. The SURIN Board of Trustees will deliberate on these requests and adopt policy as time and schedules permit. No timeframe for response is suggested and will be determined by the number and scope of the policy requests.

Follow-up

The SURIN Board of Trustees will make regular calls for Member input in developing policy. These calls will be made at least annually and can be made more often as the need requires. All policy will be developed through these member calls.