



FAQ – Internet2 Network Connection Agreements

June 27, 2007

The purpose of this FAQ is to address questions on the Internet2 Network Connection Agreements and to provide clarification on language related to the connection agreements.

For specific questions that a connector may have on their own connection agreement (previously negotiated or reviewed either for the Abilene network and/or in the process of being negotiated and reviewed for the new Internet2 Network), please contact Heather Martinson heather2@internet2.edu or Ana Preston apreston@internet2.edu.

(Note: Internet2 will continue to update this FAQ as questions from the community are received: <http://www.internet2.edu/network/library/NetworkConnectorFAQ.pdf>. This FAQ does not cover questions on Internet2, the Internet2 Network nor the status of the Internet2-NLR merger.)

1. Why is Internet2 offering two options for connection agreements?

The intent behind offering two different options (Option A and Option B) to connectors is to allow connectors flexibility in how they choose to continue their connection agreement to the Internet2 Network, as Internet2 and NLR move toward a merger.

2. Are there differences between Option A and Option B?

Option A, which includes some minor edits, allows an extension to the existing Abilene connection agreement.

Option B is for those that want to have a new connection agreement that includes the new Terms and Conditions for Connection to the Internet2 Network versus a simple amendment to their current Abilene connection agreement (Option A).

3. What is different in Option A compared to the previous Abilene connection agreement?

Additional revisions were completed in response to feedback we've received from connectors; summary of changes forthcoming.

4. Is there a month to month payment option?

The current versions of Option A and Option B connection agreements require annual renewals; however, there is additional language in each option that permits connectors to select from annual, quarterly or monthly payment plans.

5. What if a connector wishes to terminate their agreement?

A connector can terminate their connection agreement at anytime during the first year immediately following the Connection Date, by providing Internet2 with 15 (fifteen) days advance notice of termination via fax or letter mail. (The notice period begins on the date the notification is

received by Internet2.) The letter should be addressed to Cheryl Fremon, Chief Operating Office (fax 734-913-4255). In parallel with the Internet2 notification, connectors with Qwest access must contact their local Qwest account manager to place the circuit disconnect order with them directly. Internet2 cannot request Qwest disconnects on behalf of a connector as the connector is the Qwest customer of record.

6. What is Internet2's refund policy upon termination during the first year following renewal?

During the first annual renewal period, upon termination of connection Internet2 will refund a daily prorated amount of the unused connection fee.

7. Option A, Section 13, Paragraph 2 states that Internet2 expects connectors to work in good faith with Internet2 to transition the connector's participants to any transition arrangements requested by Internet2 if Connector chooses to give Internet2 15 days notice for agreement termination. What does this mean?

Upon giving advance notice of termination, the connector will work with Internet2 to ensure that network participants using the connector to access the Internet2 Network have no interruption in Internet2 Network service, and will work in cooperation with the Internet2 NOC to expedite migration of the prefixes for participants to a new configuration as determined by mutual agreement between Internet2 and connector.

8. Option A states that connectors work with Internet2 to implement Abilene's Conditions of Use as closely as possible. But your COU is not available to review on the Internet2 website. Where is it?

The COU was replaced by a general AUP, which is included as an exhibit in both Option A and Option B. (Additionally, the AUP is available at: <http://www.internet2.edu/network/aup.html>.)

9. In the Option A and Option B connection agreements, the AUP references certain network policies. Where can I find these policy statements?

The Internet2 Acceptable Use Policy was established to a) separate what is deemed permissible use of the network from whom may use the network (permissible use and acceptable users were interdependent in the former Conditions of Use) and b) increase the network's value by allowing any legal use. In crafting the AUP, other guidelines were included by reference in an attempt to insure that the AUP maintained consistency with other policies. The effect of these references has been the opposite, that is, they have generated questions and concerns as to the interpretation of the AUP. To simplify the interpretation of the AUP, Internet2 is removing the second paragraph.

Previous AUP:

"The Internet2 network can be used for any legal purpose, so long as it does not interfere with or adversely affect the operation of the Internet2 network or any network user, as may be determined by Internet2.

In addition, when using the Internet2 network, users shall be subject to any posted guidelines or other rules, including Internet2's Privacy Policy, Spam Policy and Copyright Policy. All such guidelines and rules are hereby incorporated by reference into this AUP.

Internet2 reserves the right to modify this AUP (and its posted guidelines or other rules) from time to time and intends to provide advance notice of any such modifications."

New AUP: <http://www.internet2.edu/network/aup.html>

"The Internet2 network can be used for any legal purpose, so long as it does not interfere with or adversely affect the operation of the Internet2 network or any network user, as may be determined by Internet2.

Internet2 reserves the right to modify this AUP (and its posted guidelines or other rules) from time to time and intends to provide advance notice of any such modifications."

10. Are there changes in your network policies regarding SEGP eligibility and/or participation within a SEGP?

Internet2 seeks to support the emergence of coherent K20 infrastructure where practicable within a state and in cooperation with Internet2 Network connector(s) that provide advanced networking service for K20 entities for that state. There have been no changes made to the SEGP program and existing eligibility requirements as documented in the SEGP FAQ, which can be found on the Abilene web site at: <http://abilene.internet2.edu/community/segp/faq.html>. Specific clarification of Internet2 SEGP policy as written in section 2.b(i) of the Option B agreement is included in question 13 below.

11. Why are connectors expected to assume responsibility for SEGP compliance with the Internet2 AUP?

To ensure that the network is used only for purposes deemed allowable by the Internet2 Network AUP, as well as to ensure network participant adherence to Internet2 membership policy, we rely on our close relationship with the connectors. Additionally, Internet2 relies on its relationship with connectors for downstream network management as this is most expedient way for network issues to be resolved between the connector and SEGP.

12. Has Internet2 addressed routing policy for SEGPs in the Option A agreement?

With the latest revision of Option A on 6-19-07, the language in Section 12 states that Connectors agree to route traffic from non-Abilene Participant, Sponsored Participant, or SEGP addresses or addressed to non-Abilene Participant, Sponsored Participant, or SEGP addresses over networks other than Abilene to the greatest extent allowed by current routing technology. Additionally, the language in Section 2 has been expanded to include a definition of SEGPs.

13. Are there changes to the SEGP language in the Option B connector agreement?

The Carnegie Classification system (<http://www.carnegiefoundation.org/classifications/>) has removed the classification "Carnegie Doctoral / Research – Extensive university". We have therefore revised the language of section 2.b(i):

b. refrain from sending via Internet2 Connector's SEGP network path the Internet2 R&E Network any traffic from or routing announcements for an institution, which either i) qualifies to be an Internet2 Network Participant Member but does not hold that status or ii) is a former member of Internet2, but in either case, does not maintain Internet2 membership and hold current Internet2 Network Participation status,

The basic intent of the SEGP language has not changed, nor has Internet2 SEGP policy changed.

14. What is Internet2's policy with respect to working with member organizations to establish an Internet2 Network connection behind a regional connector?

Whenever a connection request is received, Internet2 will encourage the requestor to discuss their networking requirements with the existing connectors in their geographic area. If, after consultation with the connector, the requestor determines that their needs cannot be satisfactorily met, such that they are unable to arrive at a connection agreement, Internet2 will make reasonable attempts to facilitate a meeting between both parties to help identify and resolve those issues that are preventing a connection agreement.

Internet2 is committed to connecting members in a manner they find satisfactory. If, after the facilitated meeting, the requestor and connector still cannot come to an agreement, Internet2 will then offer the option of a direct connection to the Internet2 Network.