

I Need Another Fixed IP Address

Requests for fixed IP addresses are made by configuring a host in Gazelle. We will search Gazelle for hosts without IP addresses and make assignments Jan 11 and 18.

If you discover after Jan 18 that you need more fixed IP addresses, follow this procedure. This includes any day before the Connectathon or during the event itself. Most participants who need another fixed IP address make this discovery on the first day of the Connectathon.

1. Request one or more hosts that you need in Gazelle using the “Add a network config” button on your System Configuration page.
2. Write the hostname, your table number and Gazelle username on the back of your hand with indelible ink.
 - a. Sharpie pens work quite well for this
3. Look at your existing hostnames/IP addresses to find your assigned subnet.
4. There is a notebook/folder located at table **H32** that will be clearly labeled: **Extra IP Addresses**.
5. Each page in the folder has pre-printed tables with entries for two clusters of tables. A cluster of tables (e.g., C11-18/D11-18) uses one subnet (e.g., 10.242.21.x).
6. Find the correct page / table in the folder for your physical table and subnet. The pre-printed tables list both subnet and physical tables as a check mechanism.
7. Find the next open IP address for your table cluster. Fill in all empty cells for the next available IP address.
 - a. hostname: As found in gazelle, not the hostname you call your box
 - b. Table (C11, C12,)
 - c. Gazelle username: So I can find you if I have a question
 - d. Day: Enter Mon, Tue, Wed, Thu, or Fri so I can keep track of the requests
 - e. Time: 24 hour format.
8. When you return to your table, ping the address to make sure someone else has not made a mistake and taken that IP address. If you run into that problem, go back to **H32**, circle the IP address and allocate a new one. It is not worth your time to find the squatter.
9. You can now use your fixed IP address. It will be entered into the DNS that evening. If your partners need to know that mapping right now, you will have to communicate that to them.
10. If you do not complete all of the rows for your IP address, we will not enter the data in DNS. You can still use the fixed IP address; it will not appear in DNS.
11. If you complete the procedure without requesting help, help yourself to a piece of candy at H32.

If you discover on Jan 26, 27... that you need another fixed IP address, you need to follow the procedure above, including making the request in the notebook. This will be the trigger for Steve Moore to enter data in DNS. That is, do not expect to request a new host in Gazelle on January 26 and immediately find a fixed IP address.

If you discover during the Connectathon that someone is squatting on a fixed IP that was allocated to you, that is worth investigating. Ask the **network contractors (J31-33)** for help. This is important because your IP address is registered in DNS to your host; this will confuse the bejeebers (<http://www.urbandictionary.com/define.php?term=bejeebers>) out of folks.