Introducing BlueCat: An IP Address Management Software

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Information Technology Services
Agenda

- What is an IP address?
- What do you need to do?
What is an IP Address?

It’s a unique number assigned to every device connected to the Internet

Lets the Internet know how to get information to your device (and not someone else’s!)
Analogy

Similar to an address assigned to your house

Lets the letter carrier know where to deliver mail
IPAM Definition

Internet Protocol Address Management
Software
What is IPAM?

- Too many IP addresses to manage
- IPAM software manages IP addresses
- Currently, we are homegrown
- Problems with homegrown:
  - Original programmers are gone
  - We can’t get support when we need it
BlueCat is an IPAM Software Application

BlueCat

- Allows for easier management of IP addresses
- We can get support when we need it
February 26, 2017 (Sunday)

- 8 AM: Start migration to BlueCat
- 12 PM: Migration should conclude

During this time, it is possible that hard wired devices (desktops, lab instruments, etc.) will have difficulty connecting to the Internet

Note: Wireless devices should not be affected
What do you need to do?

Anytime after the migration:

- Open a web browser
- Go anywhere (e.g. www.lsu.edu) or netreg.lsu.edu
- Register your device
In order to use and access LSU network and internet resources you must first register your device.

Users: Please enter your MyLSU username and password below (this is the same login and password used for my.lsu.edu) and select login to proceed.

User Name

Password

Login
## Device Registration

Click the "Detect" button to detect the MAC Address of the device you are currently using. If you wish to register a different device, enter the MAC address of that device. Complete the remaining fields, and select register.

**MAC Address**

Detect  Clear

**Description**

**Device Type**

Windows XP/Vista/7/8

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The following devices are currently registered to your User ID. If you wish to un-register a device, select the Delete button beside that device.

<table>
<thead>
<tr>
<th>Device</th>
<th>IP Address</th>
<th>Description</th>
<th>Device Type</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>3C-07-54-5E-DB-9C</td>
<td>130.39.251.23</td>
<td>MacPro/MacAir</td>
<td>MacPro/MacAir</td>
<td>Delete</td>
</tr>
<tr>
<td>7C-C3-A1-86-82-85</td>
<td>130.39.251.27</td>
<td>MacPro/MacAir</td>
<td>MacPro/MacAir</td>
<td>Delete</td>
</tr>
</tbody>
</table>
What to do if I have a problem after the migration?

- Reboot your PC
- Open any browser
- Go to Netreg.lsu.edu and register
- Still having problems?
  - Try your tech person (TSP)
  - Call Help Desk: 578-3375
Communication Plan

- Your Technical Support Professional (TSP) has been notified via email and other means over the past several months (please check)
- Training classes for TSPs
- Broadcast messages to the campus
- 1:1 meetings with any group requesting
- Other venues like IT Wire, Campus Communicators, Business Managers
- Grok.lsu.edu: Search for Bluecat (one word)
On behalf of

...and ITS, THANK YOU!

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