Important:

You will not be able to connect to the “DuqNet-IoT” network until you have registered your device through the online portal.

February 1, 2017
Section I: Introduction

Campus network improvements have just placed CTS in the position to be able to extend wireless services to gaming consoles and streaming devices. CTS will be rolling out a "pilot" program to allow those devices access to the internet. Through this webpage, you will be able to register "two" devices that are not capable of connecting to the campus wireless network based on current wireless guidelines. Devices like your AppleTV, Xbox, PlayStation, ROKU, etc. will now be able to connect to the campus wireless network. We are calling this pilot network "DuqNet-IoT" which has been designed solely for recreation purposes only. Access to internal academic resources will not be provided.

Section II: Frequently Asked Questions

This pilot network is considered ad hoc and will not be supported in a similar fashion as DuqNet.

What does that mean for you?
- Requests from customers about slowness (or lag during gameplay) and general connectivity issues will not be serviced by CTS on a personal basis.

What will CTS support?
- CTS will monitor if the service is up and available only. CTS will only act if the network is experiencing a campus-wide outage.

What do I need to gain access to this network?
- You will need your MultiPass credentials and the hardware address (MAC address) of the device you would like to connect.

How do I get the hardware address of my device?
- Currently we are working on basic instructions for the more popular devices and will roll those out as they become available. For now, please contact the manufacture of your device to obtain its hardware address or perform a quick "How do I find the hardware address for my..." in your favorite search engine (Google, Bing, DuckDuckGo, etc.).

Why am I only allowed to register two devices?
- CTS will be constantly evaluating this service and its impact on the overall campus internet connection. For this reason, we can only allow two devices per person. This restriction may be lifted in the future.

I have multiple devices; can I manage my account to add and delete devices as I see fit?
- Yes, after you log-in to the registration page you will have the option to add and delete devices.
Section III: Additional Guidelines

This guide will step you through the process to register your streaming/gaming device onto the DuqNet-IoT wireless network.

Before you can register your device, please consider the following:

- Since this is an unsecured wireless network please be very cautious with your personal data. Only use SSL encrypted websites when dealing with personal information. Sites that begin with https:// in the URL are a good indicator you are on a secure site.
- Unfortunately, you will not be able to print to this network from DuqNet, please refrain from setting up printers on this network as it may cause slowness.
- Currently, we are unable to support “AirPlay” (Apple’s screen sharing technology).
- Please refrain from connecting your laptop to this network. This is not a replacement for DuqNet. This network is intended for IoT devices only as described in Section I.
- This network is strictly a pilot for now and CTS will continue to make changes and improvements while supporting this service in a limited manner.

Section IV: Logging On

To begin the registration process...

Open your browser of choice.

If you are not already on the Internet of Things page, please select the address bar and type in the following website... duq.edu/iot
This will direct you to the Internet of Things information page.

Please read through the information on the page, since it may answer some common questions you might have.

Make sure you have the hardware address (to obtain your address refer to Section II) of the device you would like to register ready and make sure your MultiPass credentials are up to date. When you are ready click the blue “Internet of Things Device Registration” button to begin.
At this point you will need to log into the registration portal. Please enter your MultiPass credentials and select the “Log In” button.

Section V: Creating a Device
After you log in you should be greeted with the main registration page. If not, click on the navigation links on the left side of the page and select “Start Here”.

Click on the “Create Device” link to begin the registration process.

After the page loads, you will be required to name your device (pick something descriptive you may need to change it later). Then, enter the MAC (hardware) address of the device you are registering. Please make sure to click & read the terms of use & agree to them by selecting the checkbox. Lastly, click the “Create Device” button at the bottom of page to register the device.
You may get an error if you entered a non-valid MAC address. If that happens to you, please confirm the MAC address on the device you are registering is correct. If you are having issues finding the correct MAC address you may need to consult the manufacture of your device or try a simple internet search. Please enter the correct MAC address and click the “Create Device” button again to move on.**

If everything was entered correctly, you will receive a receipt page. Make sure all the information you entered is correct.

The device was successfully created.

<table>
<thead>
<tr>
<th>MAC Address:</th>
<th>00-00-00-00-00-00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account Status:</td>
<td>Active</td>
</tr>
<tr>
<td>Account Activation:</td>
<td>Friday, 20 January 2017, 4:20 PM</td>
</tr>
<tr>
<td>Account Role:</td>
<td>Self-Registered Device</td>
</tr>
<tr>
<td>Sponsor's Name:</td>
<td>wstudent</td>
</tr>
</tbody>
</table>

If all the information is correct and you want register another device, you will need to enter the hardware (MAC) address and click the “Create another device” link and repeat the registration process.

If you are finished just select the “Logout” link to the left of the registration page to quit.

You are now registered. Please connect your device of choice to the “DuqNet-IoT” wireless network and enjoy!
Section VI: Managing Devices

If you would like to manage your account by deleting or changing any of the MAC addresses you have listed, select “Manage Devices”. After the page loads, select the MAC address you want to edit or delete. Click on that MAC address to reveal two options, “Remove” or “Edit”. Select “Remove” to bring up a new dialog box. Make sure you have the “Delete account” button selected in the Action dialog box to remove it. Select the “Make Changes” button to remove the MAC address. At this point, refer to Section V and walk through the steps provided to add a new MAC address.