DHCP entries in the Sauron web-interface

Hosts’ DHCP entries can be added, edited, and moved through a web interface called Sauron. Please be aware that a DHCP entry or change made in the Sauron web-interface will take up to 15 minutes to take effect. When under extreme load this time frame can extend out to 1 hour.

1 Getting In and Out

1.1 Accessing Sauron

- Open a web browser and go to http://sauron.uow.edu.au
- Enter your ADUOW credentials
  - If you are denied access to this server, you will need to be given permissions by the ITS Systems Team. You can do this by submitting a request via the IT Support Wizard at www.uow.edu.au/itwizard
- On the next screen you will be prompted to choose Frames or No Frames

1.2 Selecting Server & DNS Zone

Before you proceed you must select the DHCP Server & DNS Zone that you will be dealing with.

- After logging in you will be prompted to select a server
  - Ensure ‘Neo – UOW Master Server’ is selected and then click ‘Select Server’
After selecting the server, you will see the adjacent window. You should select the DNS zone by clicking ‘Zones’ on the toolbar at the top of the window.

Select the zone that applies to your entries as your Zone.

Now that you have selected your server & DNS zone, you can now proceed to use the Sauron web interface.

### 1.3 Logging Out

It is recommended that you log out from Sauron when not in use. If you leave Sauron open and inactive, there is the chance that through session timeout issues with browsers, you may be locked out of Sauron for an extended period.

To log out:

- Select ‘Login’ from the toolbar at the top of the window
- Select ‘Logout’ from the left context menu to reach the Logout screen
- Click the ‘here’ link in ‘Click here if you want to logout’ to complete the logout.
2 Adding a Host

2.1 Adding a Host

- From the main toolbar at the top of the page, select ‘Hosts’
- By default you will see the Sauron Host Search page
- On the left context menu click ‘Add host’ to see the add host record page

- This page contains many fields, however, only the following need to be entered or changed:

<table>
<thead>
<tr>
<th>Field</th>
<th>Example</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hostname</td>
<td>UOW-D23XM1S</td>
<td>Use the computer name. This field cannot start with a number.</td>
</tr>
<tr>
<td>Subnet</td>
<td>130.130.69.0/24</td>
<td>Select this from the drop down list. If the desired subnet is not in this list, ITS Systems will have to complete this DHCP request or make the subnet available.</td>
</tr>
<tr>
<td>User</td>
<td>Brian Lane</td>
<td>Some information that identifies the user of the machine.</td>
</tr>
<tr>
<td>Dept</td>
<td>ITS</td>
<td>Organisational unit that the user works for.</td>
</tr>
<tr>
<td>Location</td>
<td>Building 17 Level 2</td>
<td>The location of the host. Room information is useful if available.</td>
</tr>
<tr>
<td>Ethernet address</td>
<td>005056C00001</td>
<td>This is the MAC/Physical/Hardware address of the hosts NIC. Please note that there shouldn’t be any spaces, hyphens or colons between pairs of digits.</td>
</tr>
</tbody>
</table>
• Once the form is completed select ‘Create Now’

• You will now see the host record where you can edit if necessary

3 Finding Hosts

3.1 Finding a Host by Ethernet Address

• From the main toolbar at the top of the page, select ‘Hosts’
• By default you will see the Sauron Host Search page shown at right
• Enter the Ethernet address in the ‘Pattern (regexp)’ field at the bottom of this form and select ‘Search’.
• If the search finds an entry within the zone specified it will be displayed as a host record as shown below

3.2 Finding a Host by IP Address

• From the main toolbar at the top of the page, select ‘Hosts’
• By default you will see the Sauron Host Search page shown above
• Enter the IP address in the ‘CIDR (block) or IP’ field under the ‘Search scope’ heading and select ‘Search’.
3.3 Finding a list of Host Entries in a Subnet used by your Selected Zone

- From the main toolbar at the top of the page, select ‘Nets’
- The next page displays the nets available in Sauron, shown at right
- From the left-hand context menu select ‘Subnets’ to show all the subnets available in Sauron
- Select the subnet containing the entries you are interested in, and a new screen will appear which contains entries in that subnet within the zone specified.

- Selecting an entry will display a host record as shown at right

4 Moving a Host Record

4.1 Moving Subnets

- Find the host record concerned
- Select ‘Move’ on the lower-left of the entry
- Select the target subnet from the drop-down menu as shown at right and then select ‘Move to another subnet’
• A host record will display the ‘proposed’ changes to the host record – amend details as needed and select ‘Update’ when correct.

If you would like help with this application, please don't hesitate to contact the ITS Technical Support Team:

Phone: ext 3000
Email: its@uow.edu.au
Internet: www.uow.edu.au/itwizard