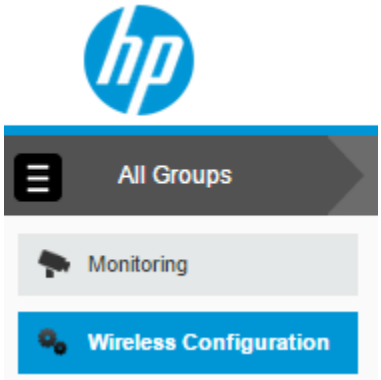
HP Cloud Managed AP

Modified on: Tue, 20 Jan, 2015 at 8:42 AM

Log in to your HP Cloud Manager account at https://hpcloudnetworkmanager.com

Under **Wireless Configuration** on the left choose **Networks.**



Click on **Create New** and configure as per below:

- **Type**: Wireless
- **Name (SSID)**: Guest WiFi
- **Primary Usage**: Guest

Click **Next** and configure with the following:

- **Client IP Assignment**: Virtual Controller Assigned

Click **Next** and configure with the following:

- **Splash Page Type**: External
- **Captive Portal Profile**: Choose **New...** and configure with:

  - Name: guestwifi
  - Type: Radius Authentication
  - IP or Hostname: *insert access_domain here*
  - URL: /access/?iapmac=YOUR_AP_MAC_HERE (i.e. **/access/?iapmac=AA-BB-CC-DD-EE-FF**)

- **Port**: 80
- **Use HTTPS**: Unticked
- **Captive Portal Failure**: Deny Internet
- **Automatic URL Whitelisting**: Unticked
- **Redirect URL**: *insert redirect_url here*

Click on **Save**

- **WISPr**: Disabled
- **Encryption**: Disabled
- **MAC Authentication**: Disabled
- **Authentication Server 1**: Choose **New...** and configure with:

  - **Name**: guestwifi1
  - **IP Address**: *insert radius_server_ip here*
  - **Shared Key**: *insert radius_secret here*
  - **Retype Key**: as above

  All other values should be left at their defaults.

  Click on **Save Server**

- **Authentication Server 2**: Choose **New...** and configure with:

  - **Name**: guestwifi2
  - **IP Address**: *insert radius_server2_ip here*
  - **Shared Key**: *insert radius_secret here*
  - **Retype Key**: as above

  All other values should be left at their defaults.

  Click on **Save Server**

- **Load Balancing**: Disabled
- **Reauth Interval**: 24 hrs
- **Accounting**: Enabled
- **Accounting Mode**: Authentication
- **Accounting Interval**: 3 min
- **Blacklisting**: Disabled
- **Walled Garden**: Click on 0 **blacklist, 0 whitelist** and configure with:

  Under **Whitelist** click on **New** and enter the below domains, one by one:
  - *insert access_domain here*
  - facebook.com
  - linkedin.com
  - twitter.com
  - connect.facebook.net
  - fbcdn.net
  - twimg.com
  - licdn.com
  - licdn.net
  - akamaihd.net
  - cloudfront.net
  - www.google.com

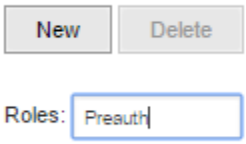
- www.google.co.uk
- googleusercontent.com
- googleapis.com
- gstatic.com
- openweathermap.org
- google-analytics.com
- instagram.com
- venuewifi.com

Click on **Ok** to add each one and then add the next until you have all the domains listed.

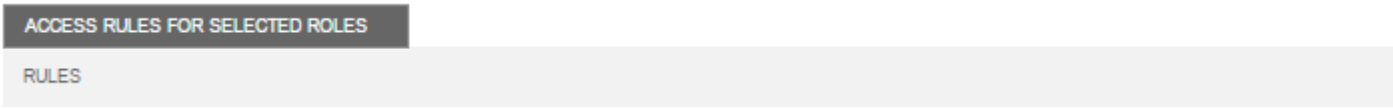
Click on **Next**

- **Access Rules**: Role Based

Under **Role** click on **New** and enter **Preauth** as the Name. Click **Ok** to add.



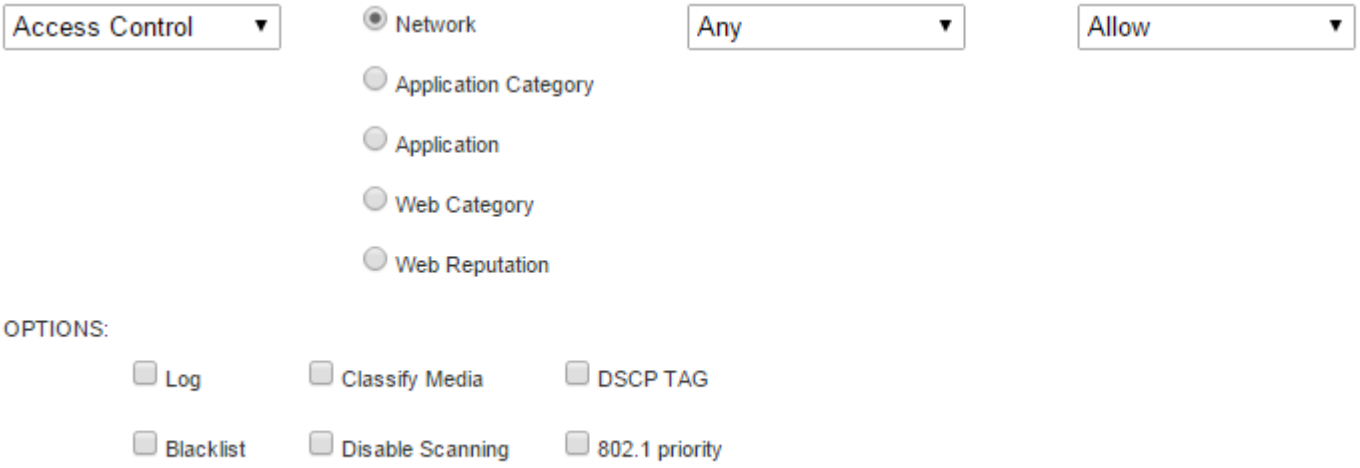
Now, under **Access Rules for Selected Roles** click on the **Plus icon**



You will need to add a new rule one by one for each of the following:

- **Access Control / Network / Any / Allow / To a Domain Name**: *insert access_domain here*
- **Access Control / Network / Any / Allow / To a Domain Name**: facebook.com
- **Access Control / Network / Any / Allow / To a Domain Name**: linkedin.com
- **Access Control / Network / Any / Allow / To a Domain Name**: twitter.com
- **Access Control / Network / Any / Allow / To a Domain Name**: connect.facebook.net
- **Access Control / Network / Any / Allow / To a Domain Name**: fbcdn.net
- **Access Control / Network / Any / Allow / To a Domain Name**: twimg.com
- **Access Control / Network / Any / Allow / To a Domain Name**: licdn.net
- **Access Control / Network / Any / Allow / To a Domain Name**: licdn.com
- **Access Control / Network / Any / Allow / To a Domain Name**: akamaihd.net
- **Access Control / Network / Any / Allow / To a Domain Name**: cloudfront.net
- **Access Control / Network / Any / Allow / To a Domain Name**: google.com
- **Access Control / Network / Any / Allow / To a Domain Name**: google.co.uk
- **Access Control / Network / Any / Allow / To a Domain Name**: googleusercontent.com
- **Access Control / Network / Any / Allow / To a Domain Name**: googleapis.com
- **Access Control / Network / Any / Allow / To a Domain Name**: gstatic.com
- **Access Control / Network / Any / Allow / To a Domain Name**: openweathermap.org
- **Access Control / Network / Any / Allow / To a Domain Name**: gstatic.com

- **Access Control / Network / Any / Allow / To a Domain Name**: google-analytics.com
- **Access Control / Network / Any / Allow / To a Domain Name**: instagram.com
- **Access Control / Network / Any / Allow / To a Domain Name**: venuewifi.com



Click on **Save** to each one and then add the next until all are listed.

Finally, add the following rule:

- **Access Control / Network / Any / Deny / To All Destinations**

Now, under the **Role** on the left choose **default_wired_port_profile**, and tick the box **Assign Pre-authentication Role** and select **Preauth**.