COVR-C1203 Dual Band Whole Home Wi-Fi System

FAQ _English Ver.1.0

HW Version	Firmware Version	App Name	App Version
A1	1.01	D-Link Wi-Fi	Android: v1.0.4 build 11 iOS: v1.0.4 build 18

Written By

Customer Service Department I of DHQ on Mar 14th, 2018

Revision History

Revision	Date	Description
1.00	March 14th, 2018	First Release

Contents

Tutorial Videos

COVR-C1203

https://www.youtube.com/watch?v=or3CZR3n3_k [promotional video]

https://www.youtube.com/watch?v=3IVUGAGhHB0 [promotional video]

https://www.youtube.com/watch?v=6cabNo1P9ak&feature=youtu.be

COVR-P2502

https://www.youtube.com/watch?v=fYITgIzMeNs [promotional video]

COVR-2202

https://www.youtube.com/watch?v=8MLmABho23A [promotional video]

COVR-3902

https://www.youtube.com/watch?v=7SwoRw4DTNY [promotional video]

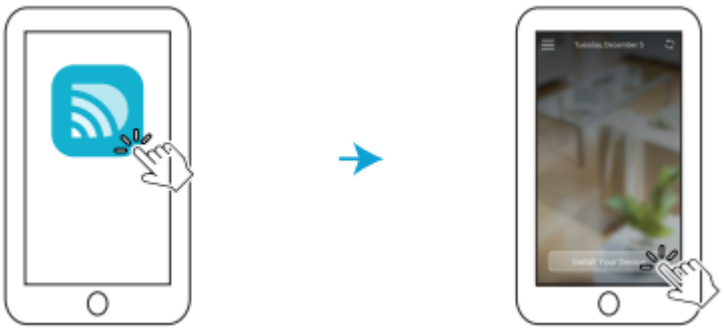
Device Setup/Installation

Q1: How do I set up my network with COVR-C1203?

Method 1: Using the D-Link Wi-Fi App

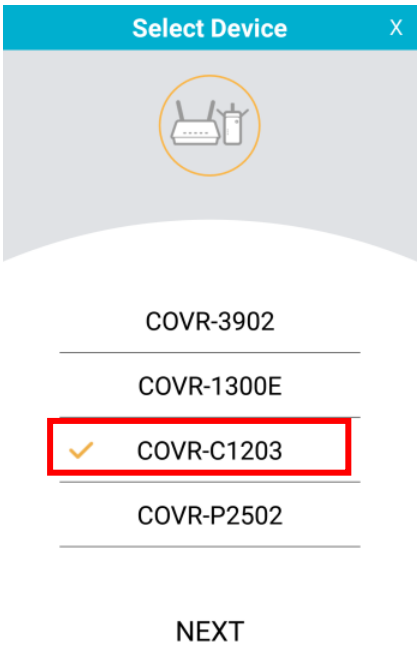
Step 1: Download the D-Link Wi-Fi app from the App Store or Google Play:

Step 2: Launch D-Link Wi-Fi App. Tap **Install Your Device** and select COVR-1203 from the list. Follow the on-screen instructions to complete the setup:

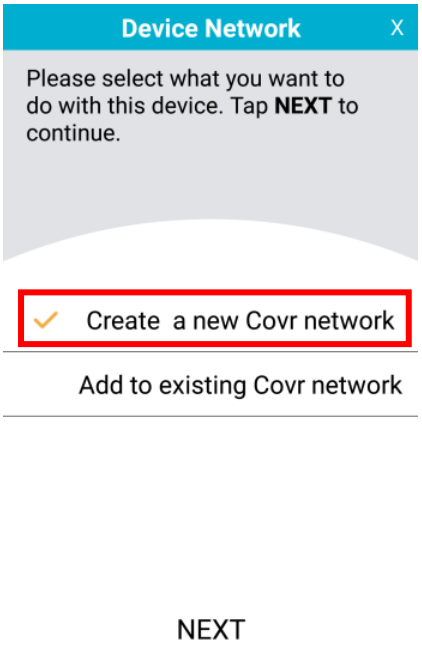


Step 3: Follow the instructions below to complete the setup:

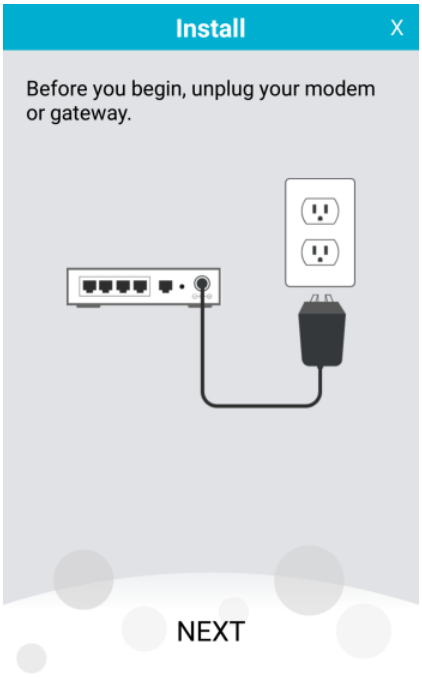
(1) Select **COVR-C1203** from the list and tap **NEXT**.

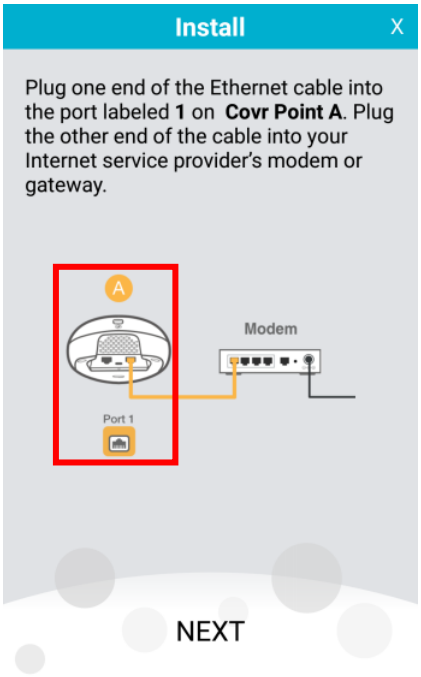


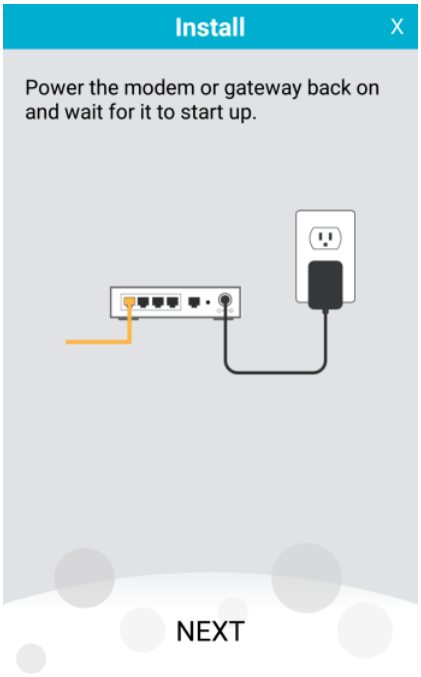
(2) Select "**Create a new Covr network**" and tap **NEXT**:

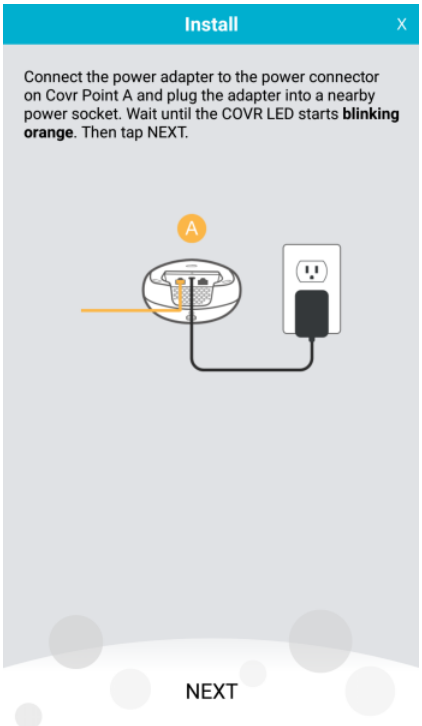


(3) Unplug your modem or gateway. Plug one end of the included Ethernet cable into port **1** on the Covr Point labeled **A**, and plug the other end of Ethernet cable into your modem or gateway, then power the modem back on. Next, connect the power adapter and plug in Covr Point A:



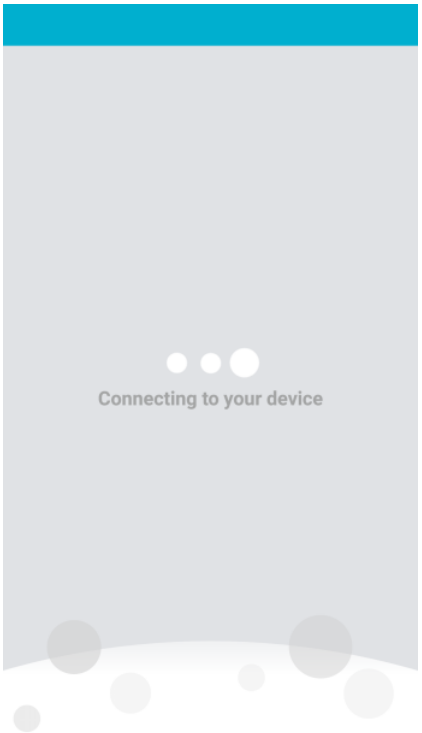




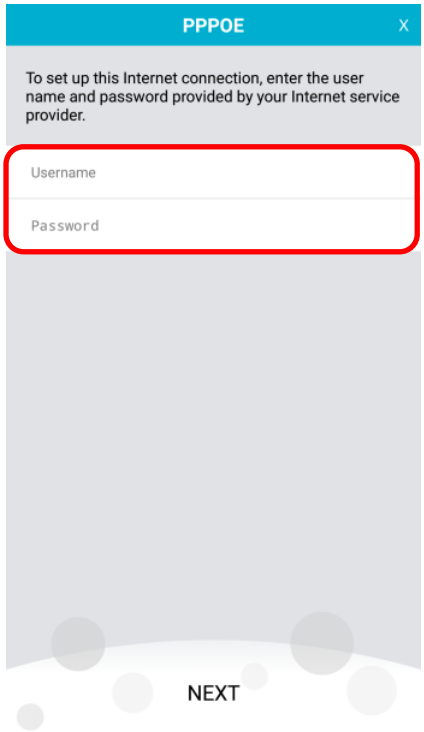


(4) Connect your mobile device or tablet to the Wi-Fi network (SSID) printed on the device label or included Wi-Fi configuration card (The default name will be in the format: “dlink-xxxx”). Once connected, return to the app and tap **NEXT** to continue:

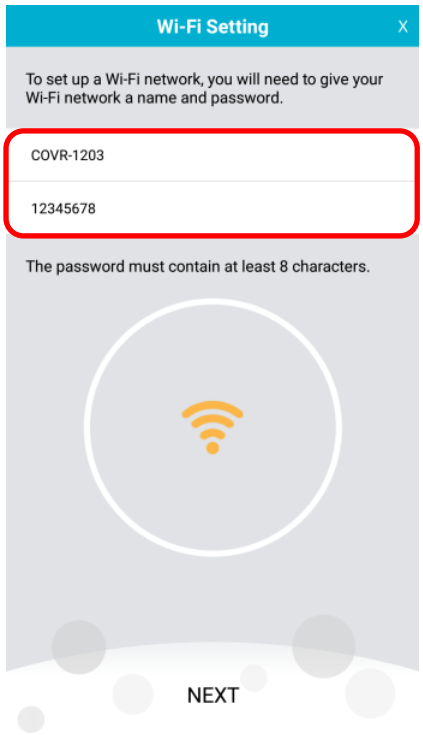
(5) Your mobile device or tablet will now connect to your COVR-C1203 system:



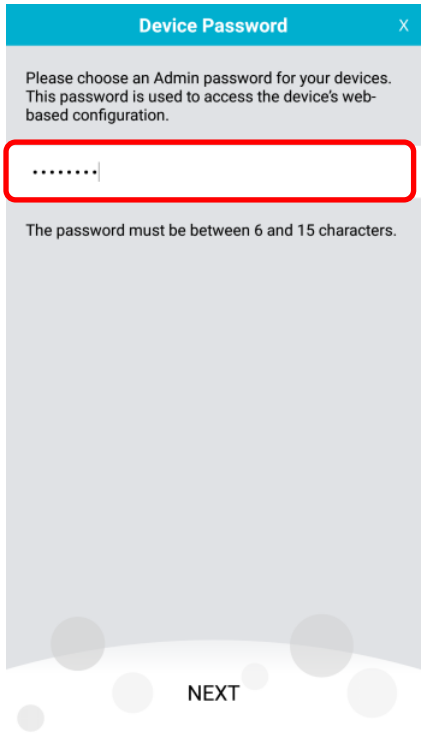
(6) If a PPPoE connection is detection, enter your PPPoE user name and password provided by your ISP, then tap **NEXT**:



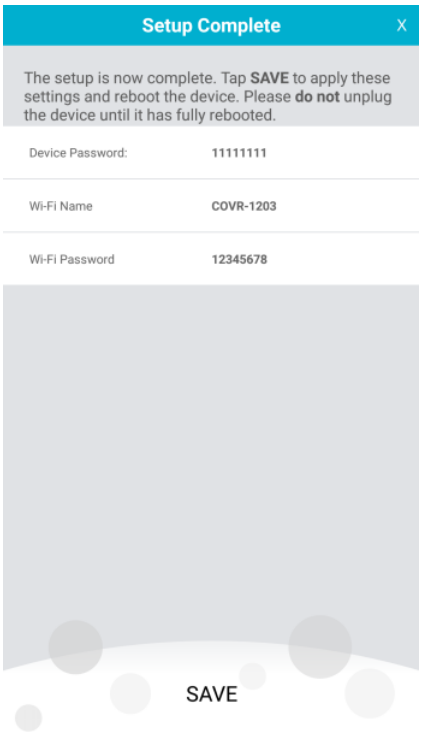
(7) Enter a Wi-Fi name (SSID) and password for your Covr Wi-Fi network, then tap **NEXT**:



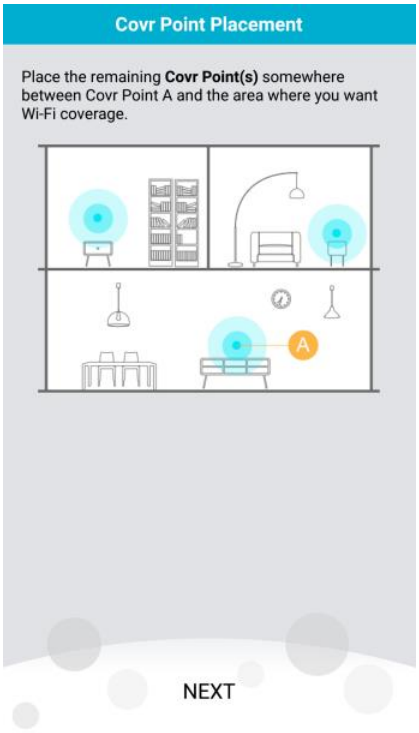
(8) Enter an admin password. This password will be used to access the web UI and the Wi-Fi app for both the COVR router and COVR Point. Tap **NEXT** to continue:



(9) A summary page will display your settings. Tap **SAVE** to save your settings:

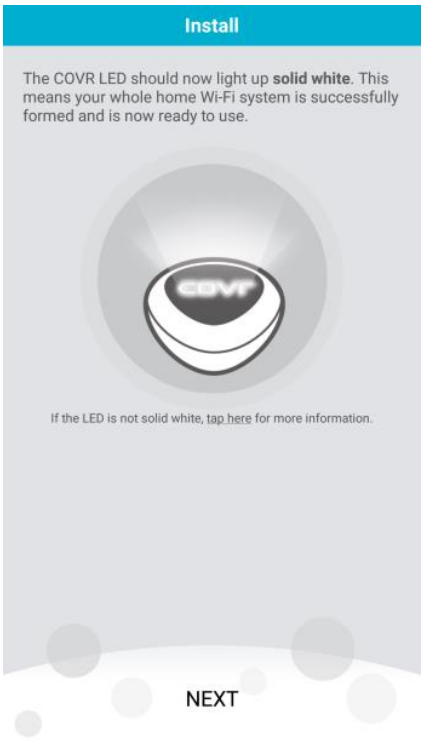


(10) Place the remaining Covr Point(s) anywhere between Covr Point A and the area where you would like to extend your whole home Wi-Fi to:

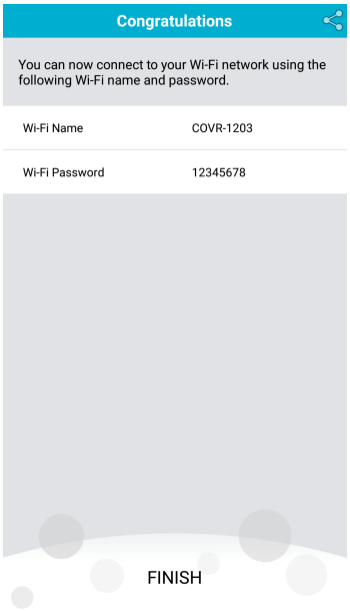


Note: Check the LED indicator on your Covr Points to ensure a good connection.

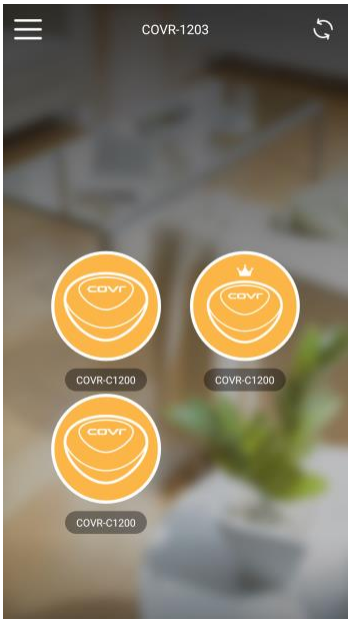
- **Solid white:** Strong signal.
- **Blinking white:** Weak signal. Move your Covr Point(s) closer to the Covr Point A until the LED turns solid white.
- **Blinking Amber:** Covr Point(s) can't receive signal. Move your Covr Point(s) closer to the Covr Point A until the LED turns solid white.



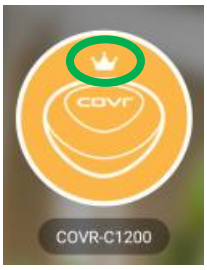
(11) You can connect your devices to your Covr Wi-Fi network through any of the Covr Points using your Wi-Fi name and password. Tap **FINISH** to complete the setup process:



(12) On the home page of the D-Link Wi-Fi app, you can now see your COVR-C1203 COVR router and COVR points:



The device icon with a crown sign indicates the COVR Router.

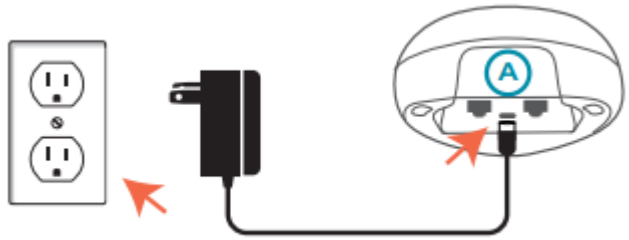


Note: The below chart lists the supported COVR models of D-Link Wi-Fi app:

App	**Supported Models**
D-Link Wi-Fi	COVR-3902, COVR-C1200/C1202/C1203, COVR-P2502, COVR-2202

Method 2: Using the web UI

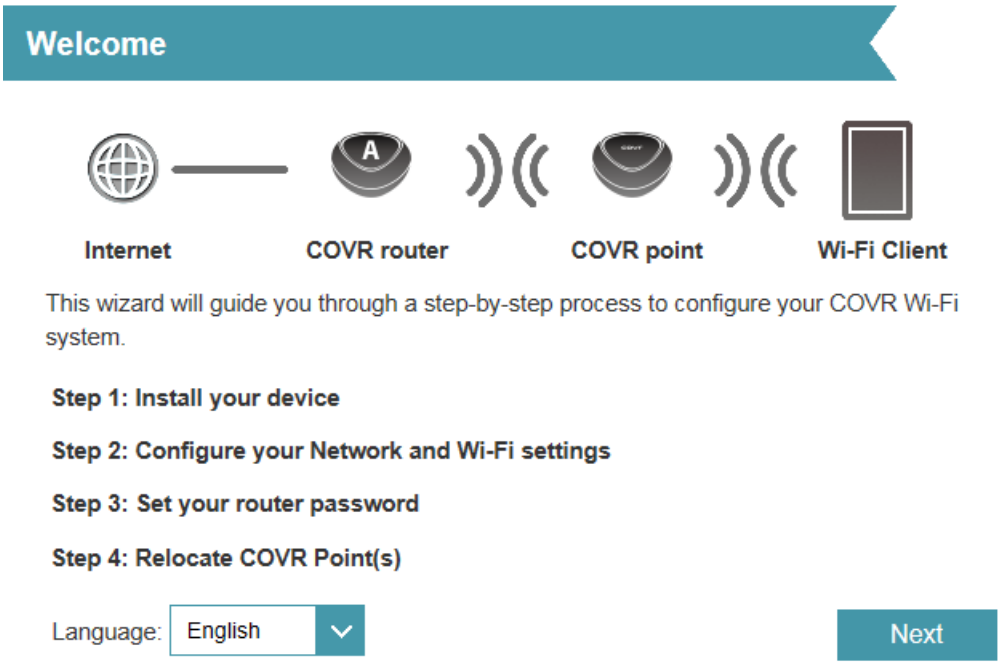
Step 1: Connect the power adapter and plug in the Covr Point labeled **A** (Covr Router):



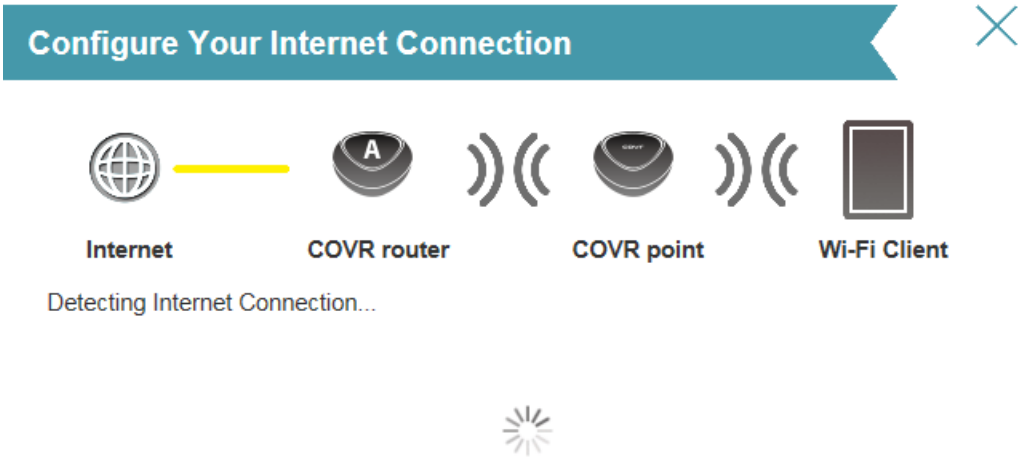
Step 2: Wait for the device to boot up. When the Covr LED starts blinking amber, connect your PC or laptop to the Wi-Fi name (SSID) printed on the back of the device, or on the included Wi-Fi Configuration Card:

Step 3: Type http://covr.local./ into a web browser and follow the on-screen instructions to complete the setup:

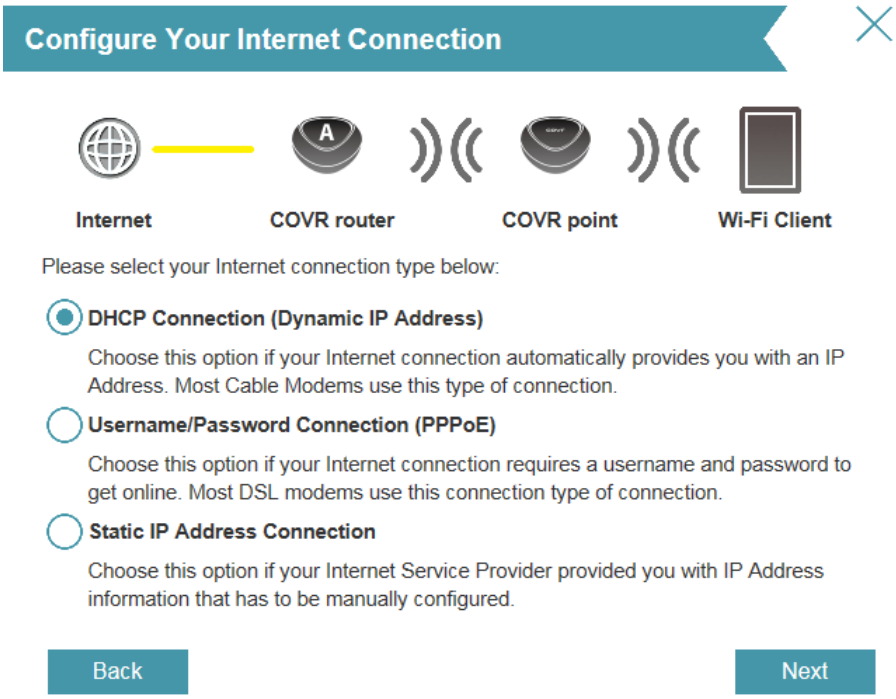
Step 4: The first time you log in, the wizard will automatically start. Plug one end of Ethernet cable into port **1** on the COVR router (Covr Point A), and plug the other end of the Ethernet cable into your modem or gateway. Click **Next** to continue.



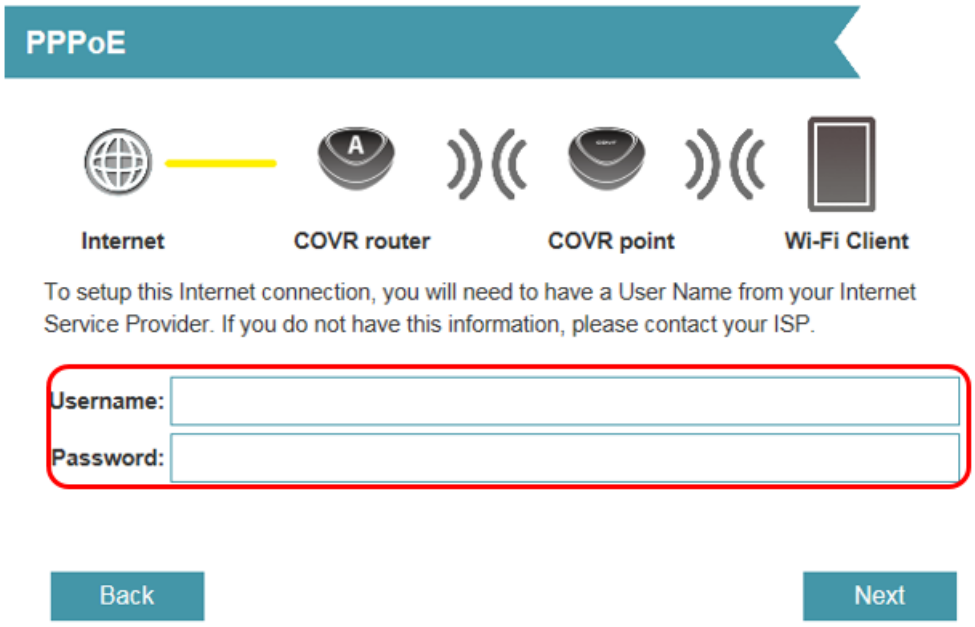
Step 5: The router will automatically detect your connection type. If you are using PPPoE, you will be prompted to enter your PPPoE user name and password (see step 6). For cable and dynamic connections, if detected, go to step 8.



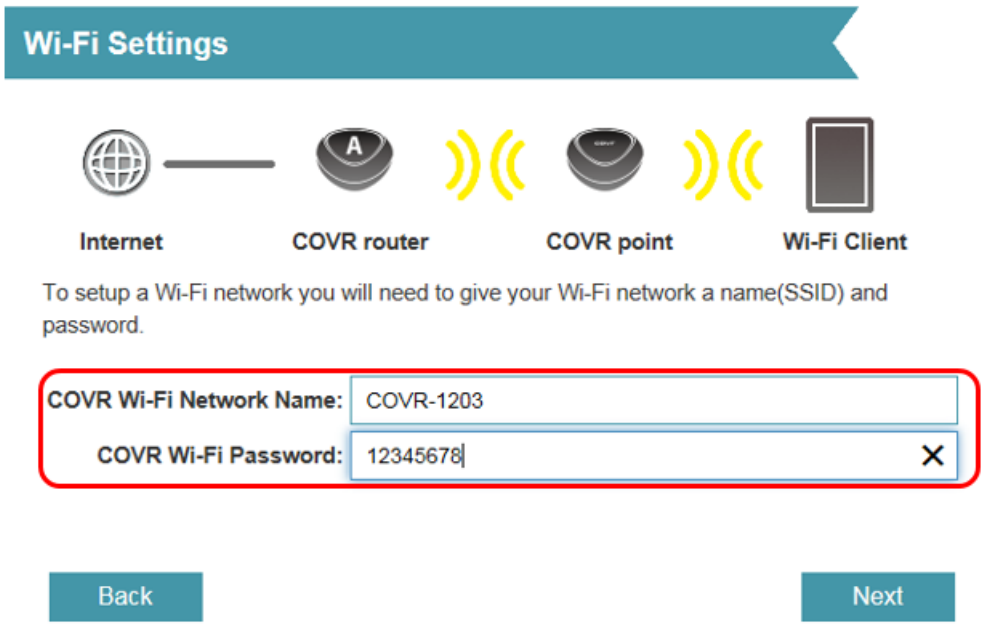
If the router cannot detect your connection type, the following screen will appear. Select the type of Internet connection you have and click **Next**. If you have a static connection, select **Static IP Address Connection** and you will be prompted to enter the IP address, subnet mask, default gateway, and DNS server(s) address(es).



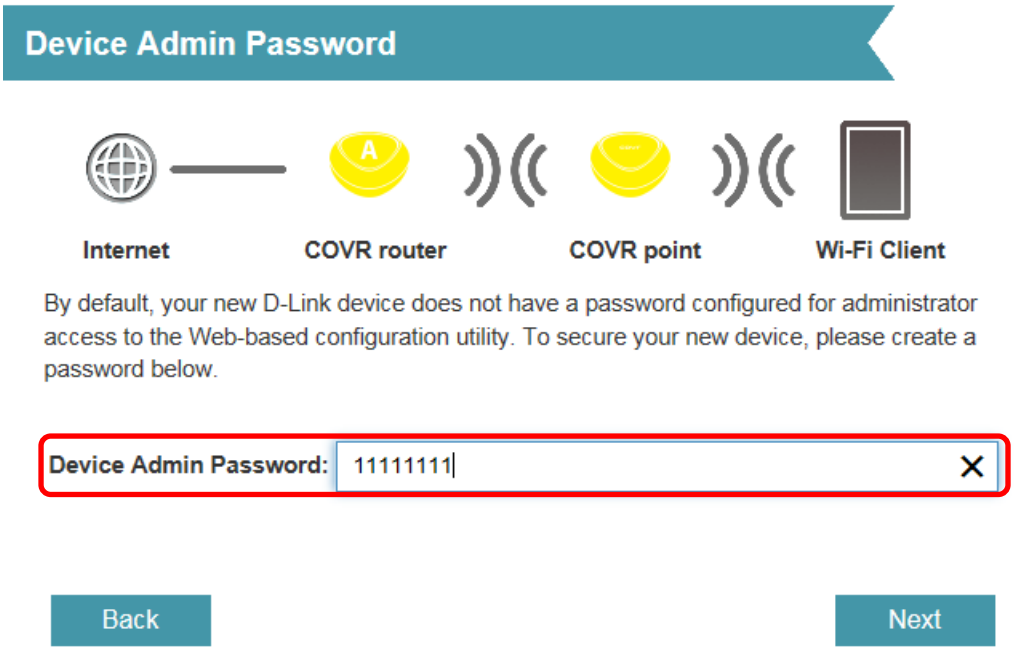
Step 6: If you are using PPPoE (connecting behind modem), enter your PPPoE user name and password. Click **Next** to continue.



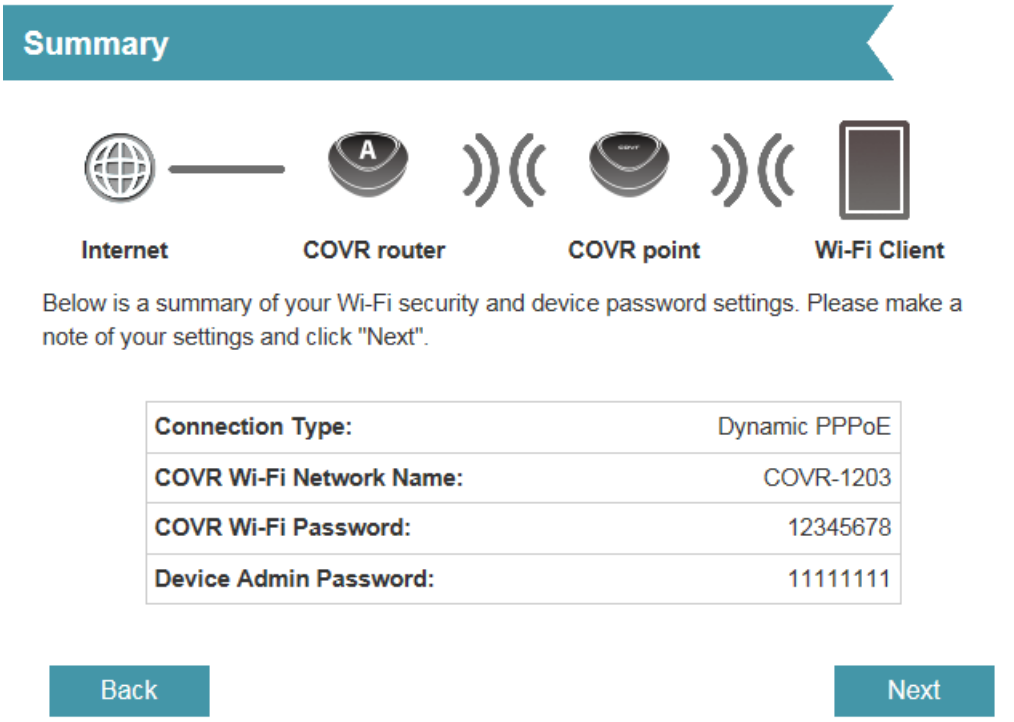
Step 7: Enter a Wi-Fi network name (SSID) and a Wi-Fi password. This name and password will be assigned to both the 2.4GHz and 5GHz bands on all Covr Points. Click **Next** to continue.



Step 8: Enter an admin password for your COVR devices. This password will be used to access the web UI and the D-Link Wi-Fi app. Write it down and then click **Next** to continue.



Step 9: A summary page will display your settings. If you want to make changes, click **Back**, otherwise, click **Next** to continue.



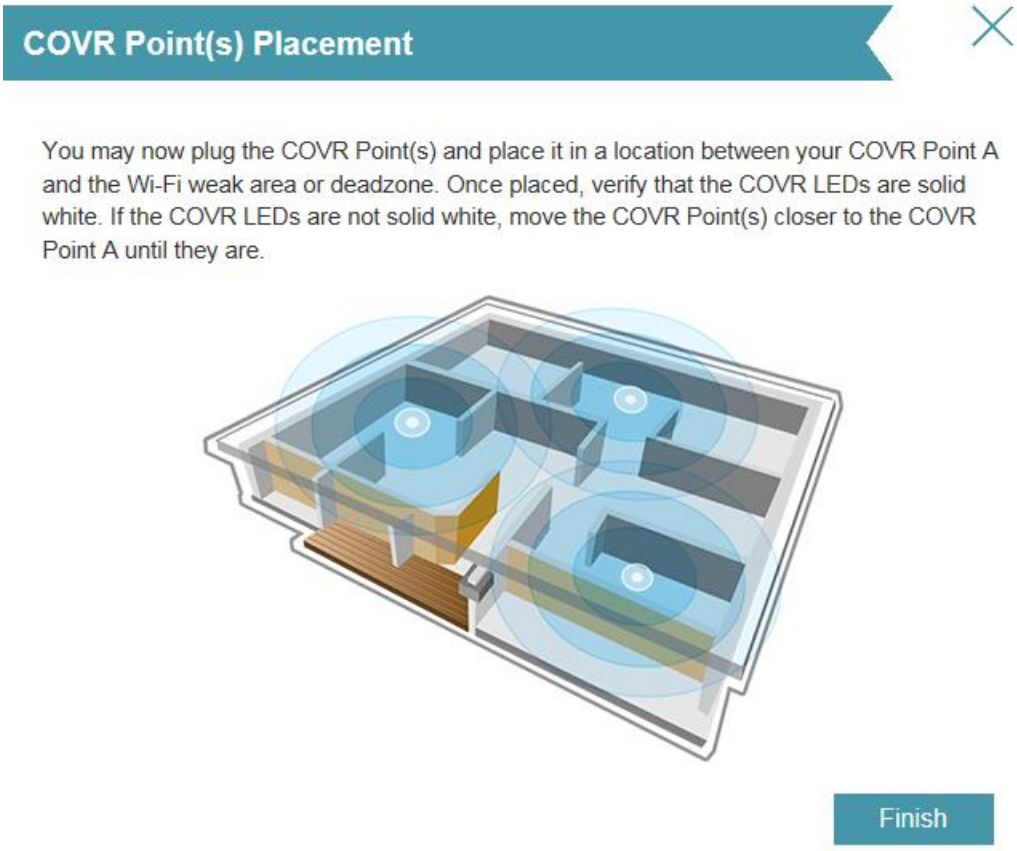
Step 10: Click **Finish** to save your settings.

Now you can plug in the remaining COVR Point(s) and place them anywhere you want to extend your whole home Wi-Fi to.

The remaining Covr Points will automatically synchronize with COVR Point A and obtain its configuration settings.

Check the LED indicator on your Covr Points to ensure a good connection.

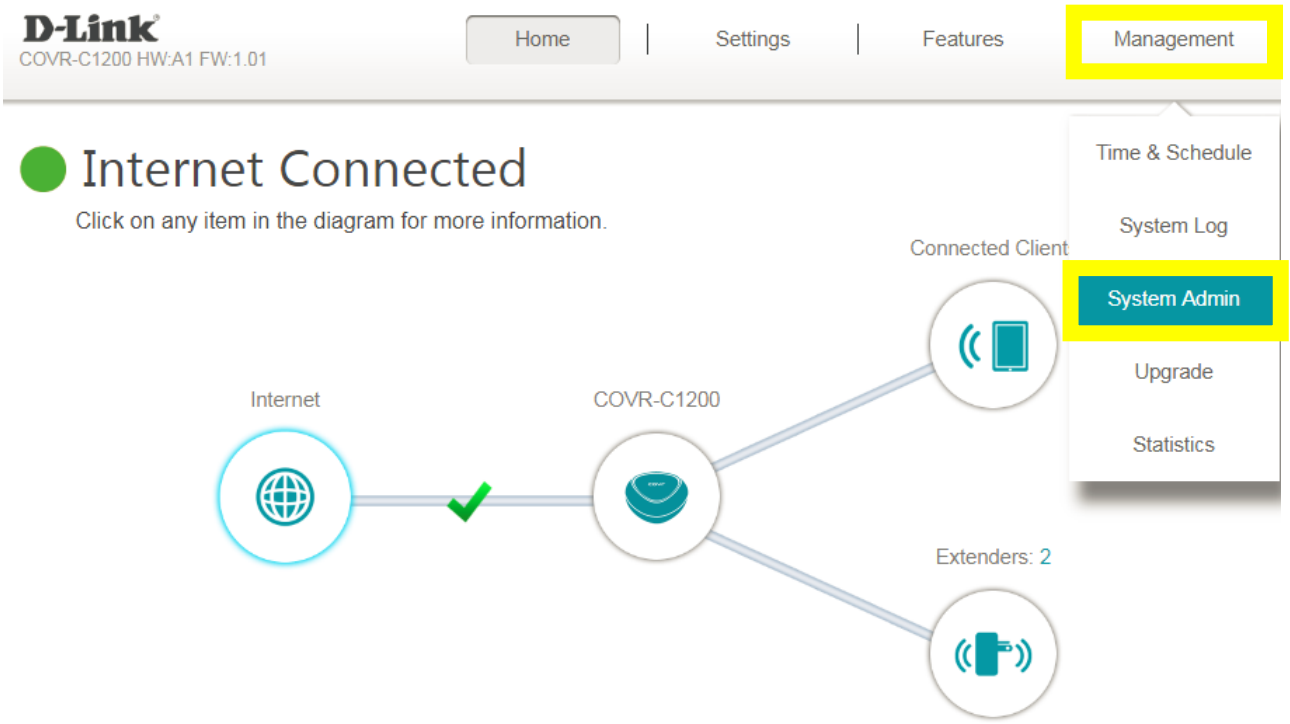
- **Solid white:** Strong signal.
- **Blinking white:** Weak signal. Move your Covr Point(s) closer to the Covr Point A until the LED turns solid white.
- **Blinking Amber:** Covr Point(s) can't receive signal. Move your Covr Point(s) closer to the Covr Point A until the LED turns solid white.



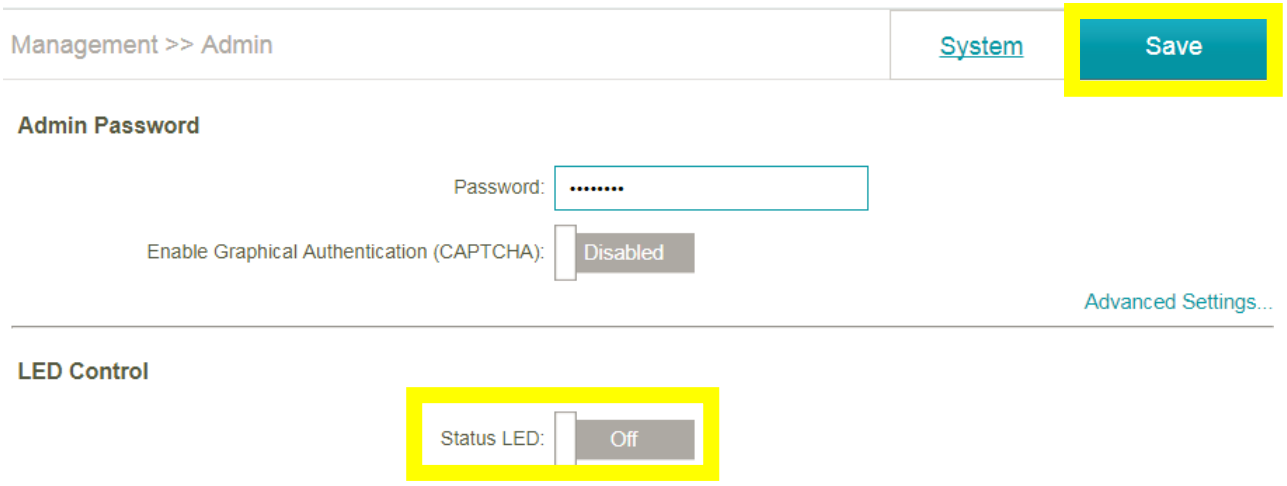
Note: You can turn off the LED (for both COVR router and COVR point(s):

Please launch your browser and enter http://covr.local./ into the address bar. Then log in and follow the steps below:

Step 1: Click **Management** -> **System Admin**:



Step 2: Toggle **Status LED** to **Off**, then click **Save**. This will turn off the LED on all Covr Points. Toggle the **Status LED** to **On** to enable the LED:

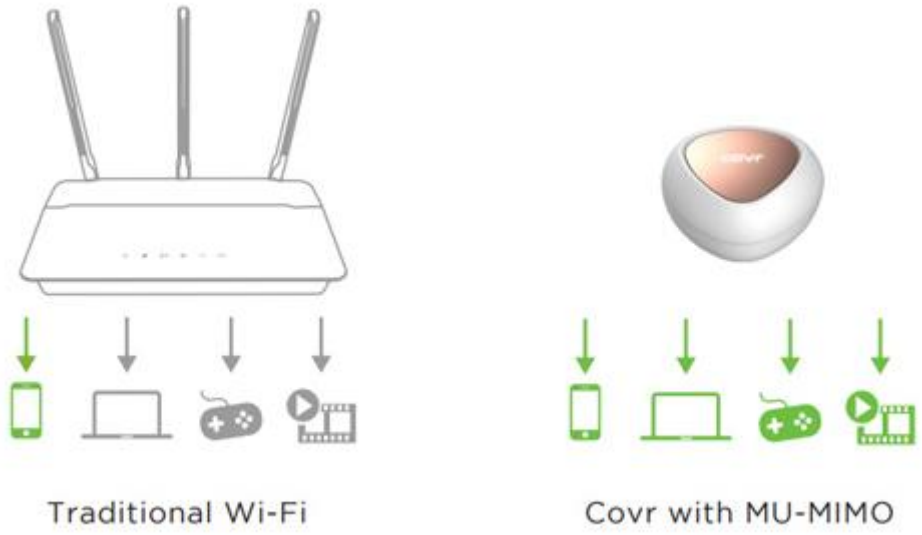


Q2: How is the COVR-C1203 Whole Home Wi-Fi solution different from our other Wi-Fi solutions?

COVR-C1203's key differentiator is its balance of sleek, elegant design, and seamless whole-home networking. Other whole-home networking solutions are geared towards high-end, niche consumers who place a premium on performance and speed for data-intensive activities such as multiple users streaming HD video and online gaming. COVR-C1203 aims to bring high-speed whole home networking within reach of general, everyday users who would like to experience the benefits of mesh networking in their own home.

The COVR-C1203's seamless Wi-Fi solution is the perfect fit for your modern home featuring three COVR-C1200 Covr Points for complete coverage. Its Smart Roaming technology enables your devices to stay automatically connected to the nearest Covr Point in your home, with all Covr Points working together as one. That means you can seamlessly move from room to room while staying connected at all times.

Covr uses MU-MIMO technology which efficiently handles traffic to multiple devices for even greater wireless speeds. With three Covr Points, you can bring Wi-Fi coverage to an area of up to a massive 5000 square feet.



Q3: Why does my Covr Point keep losing connection?

1. Ensure the Covr Point is in a well-ventilated and open area. Do not put the Covr Points in a cabinet or enclosed area.
2. Check and change the location of your Covr Points – Even a subtle change (2-3 feet) can make a big difference.
   - Make sure that you place your Covr Points in an area with a strong uplink connection. Check the LED indicator on your Covr Points to ensure a good connection.

Solid white: Strong signal.

Blinking white: Weak signal. Move your Covr Point closer to the Covr Point labeled **A** until the LED turns solid white.

Blinking orange: No signal. Move your Covr Point closer to the Covr Point labeled **A** until the LED turns solid white.

3. Other devices that use 2.4GHz/5GHz wireless band may interfere with your wireless network, including microwaves, wireless cameras, baby monitors…etc. To prevent signal interference, place your Covr Points away from such devices.

Q4: Which of the two ports can be used as WAN port?

The device will automatically configure port 1 or 2 as the WAN port.
Once configured, you cannot change the WAN port. To do so, you need to reset your Covr Router to factory default settings and reinstall the device using the other port.

Q5: Can I add more Covr Points to my network?

You can add up to 6 covr points (C1203 + additional 3).

Q6: How large is the coverage range of COVR-C1203?

Please see the chart below:

Part Number	Description	Range
COVR-C1200	Dual Band Whole Home Wi-Fi System(Single pack)	2000 square feet
COVR-C1202	Dual Band Whole Home Wi-Fi System(Two Pack)	3500 square feet
COVR-C1203	Dual Band Whole Home Wi-Fi System(Triple Pack)	5000 square feet

Q7: If I don’t have ISP service at home, can I still create a LAN environment using COVR-C1203?

No, you need to have an active subscription with an Internet Service Provider (ISP) in order to set up the COVR-C1203 Whole Home Wi-Fi System.

Q8: Does COVR-C1203 support Alexa?

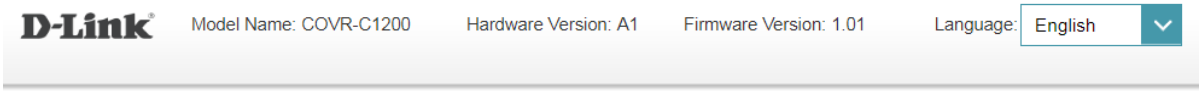
No, COVR-C1203 currently does not support Alexa.

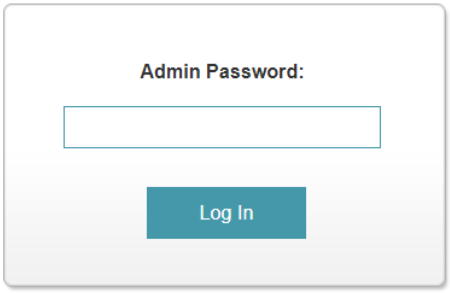
Q9: How do I log in to my Covr Router?

Verify that your computer or laptop is connected to the Covr router either via an Ethernet cable or wirelessly, then follow the steps below:

Step 1: Open your web browser and enter the address of the router into the address bar. The default URL is "**http://covr.local./**"

Step 2: Log into web user interface using your login and password. By default, the username is admin and no password.



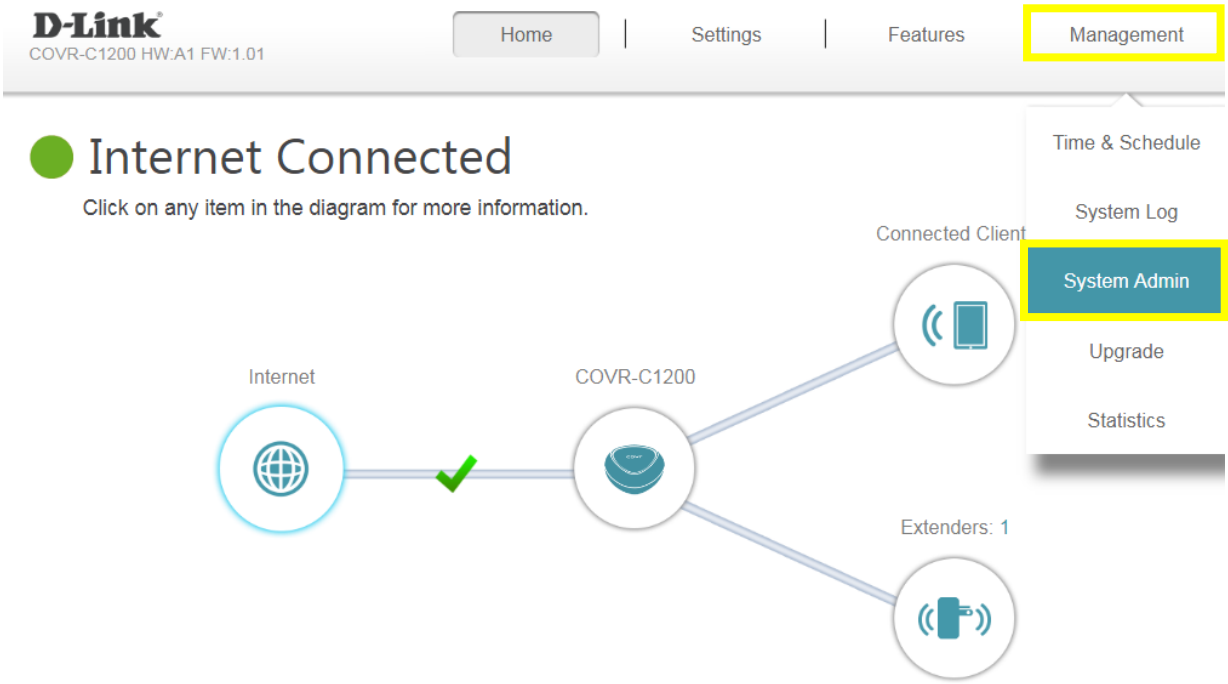


Note: If this is the first time setting up the COVR-C1203 system, you can only set up the system wirelessly. First time set up using Ethernet is not supported.

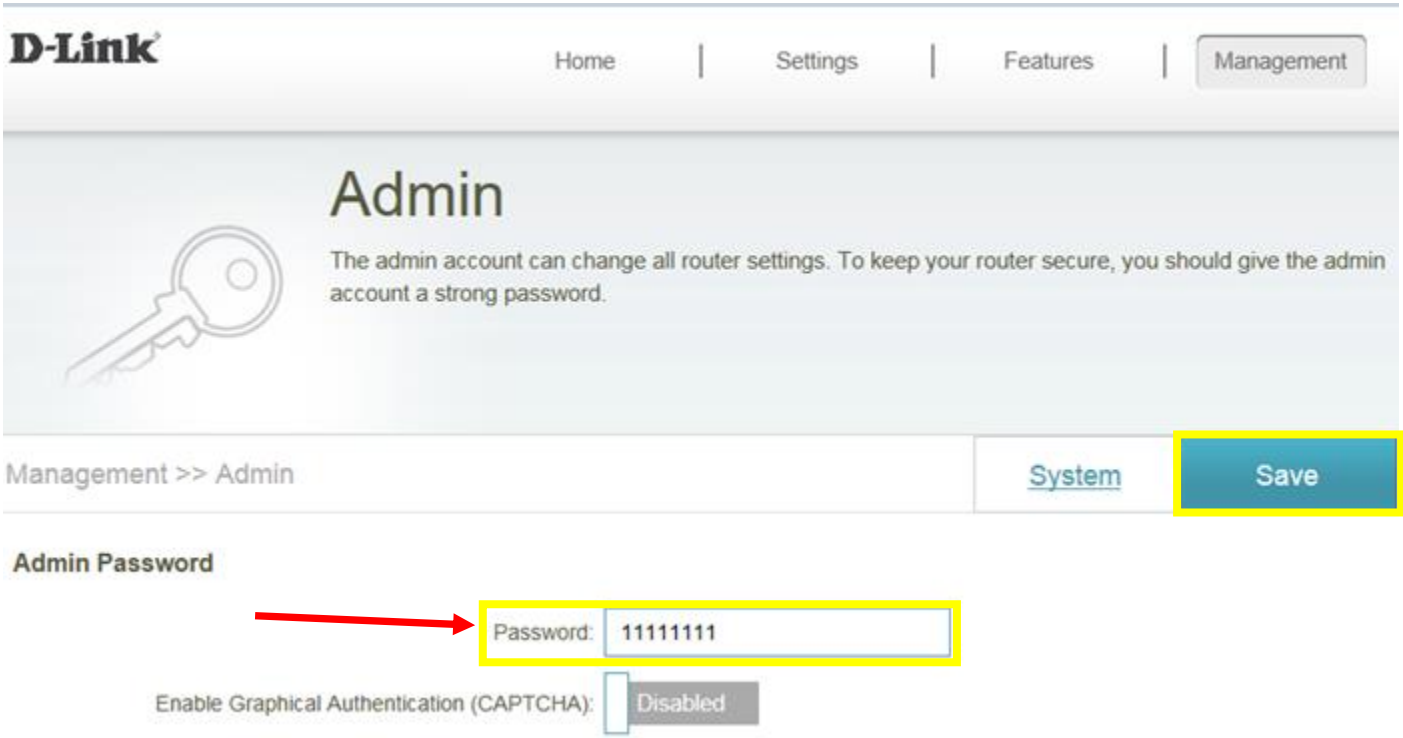
Q10: How do I change the admin password on my router?

Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

Step 1: Click **Management** -> **System Admin**



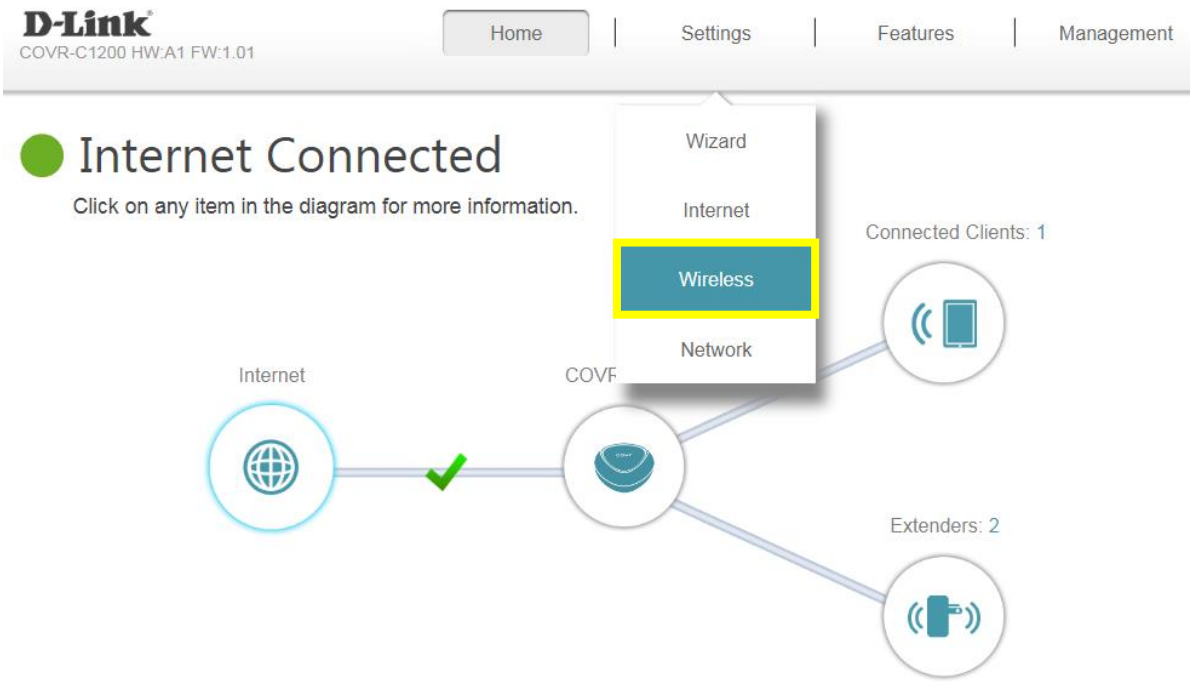
Step 2: Enter a new admin password and click **Save**. Next time you want to access the web user interface, use your new password to log in:



Q11: How do I change the wireless settings?

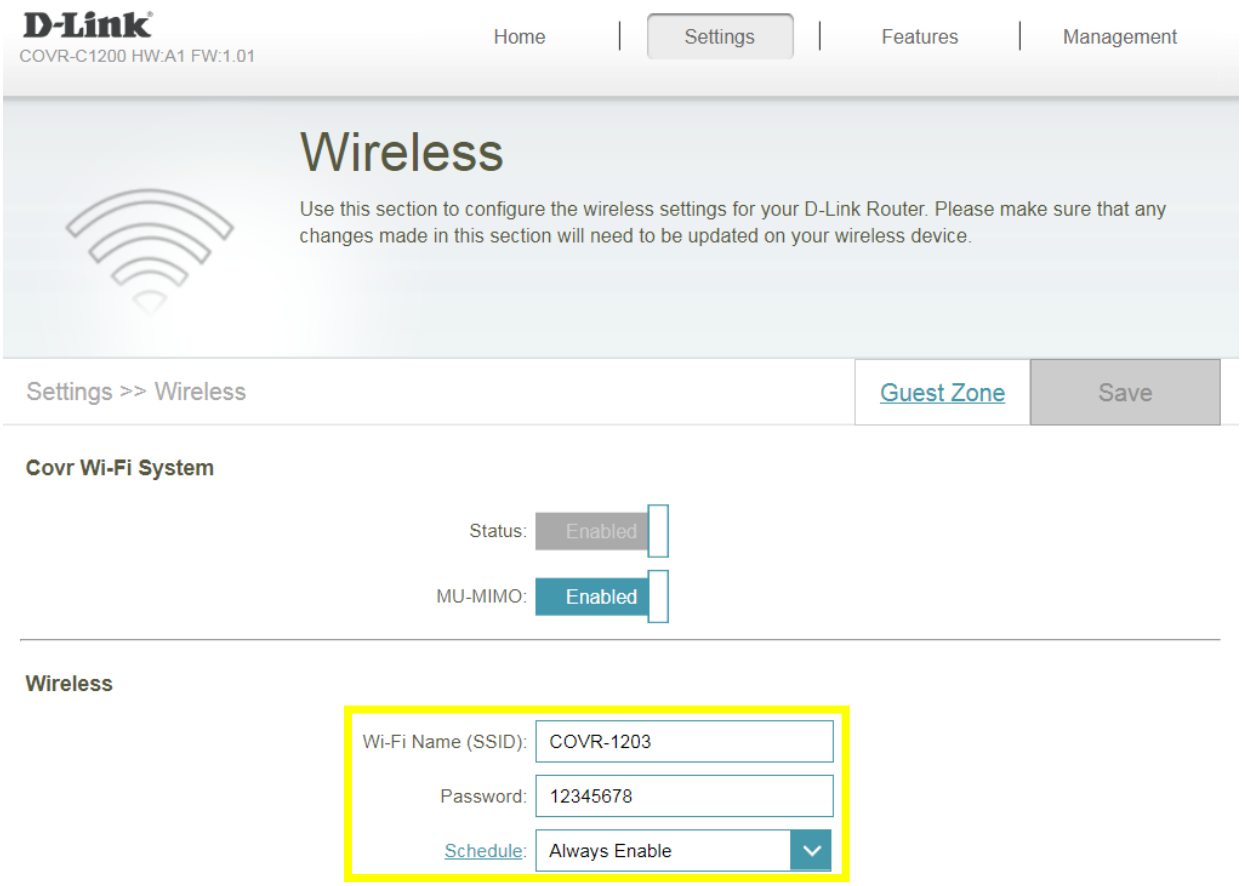
Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

Step 1: Click **Settings** -> **Wireless.**



Step 2: In the **Wi-Fi name (SSID)** field, enter a unique wireless network name. (This is the name you will see when scanning for wireless networks on your computer/wireless device).

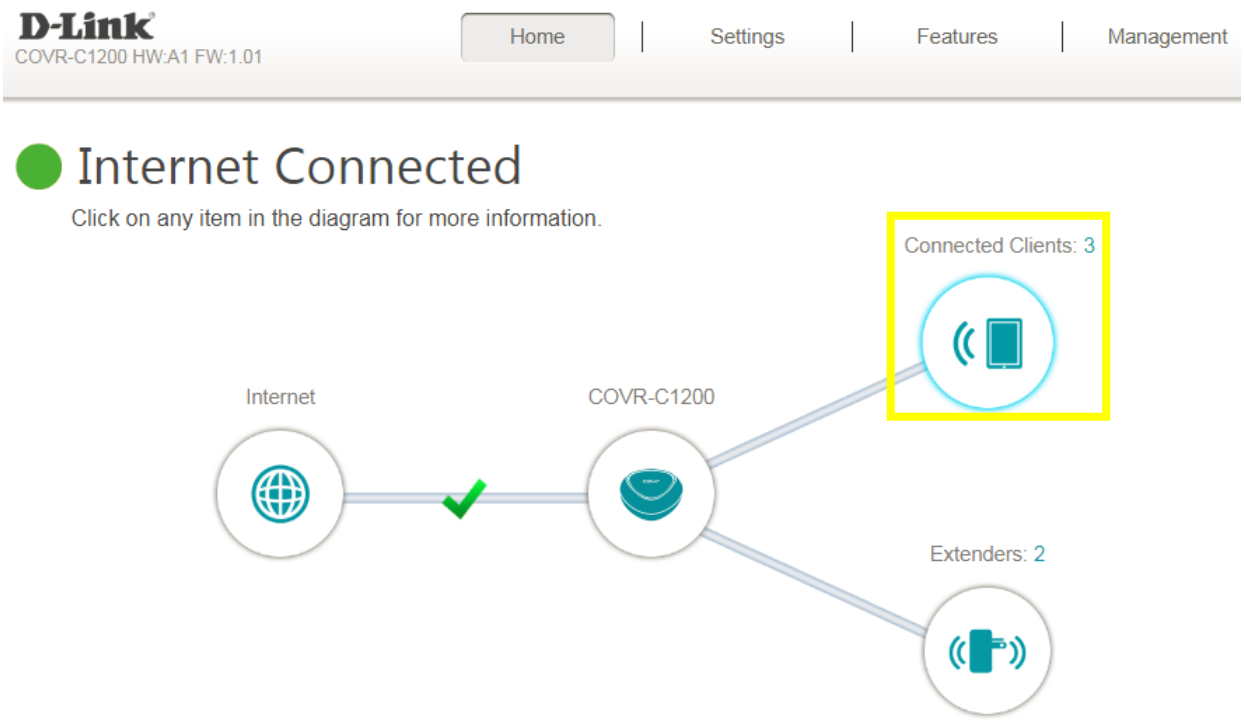
In the password field, enter a new password of at least 8 characters long. Click **Save** when you're done. You will need to connect to your new Wi-Fi network using your new password.



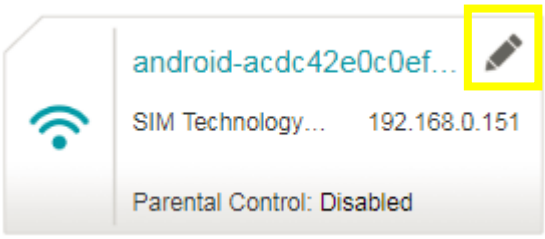
General Settings

Q12: How do I set up parental control features?

Step 1: From the home page, click the **Connected Clients** icon and select the device you'd like to set up parental controls for:



Step 2: Click the pencil icon, then enable parental control & select the schedule to set the time frame of blocking the network access:



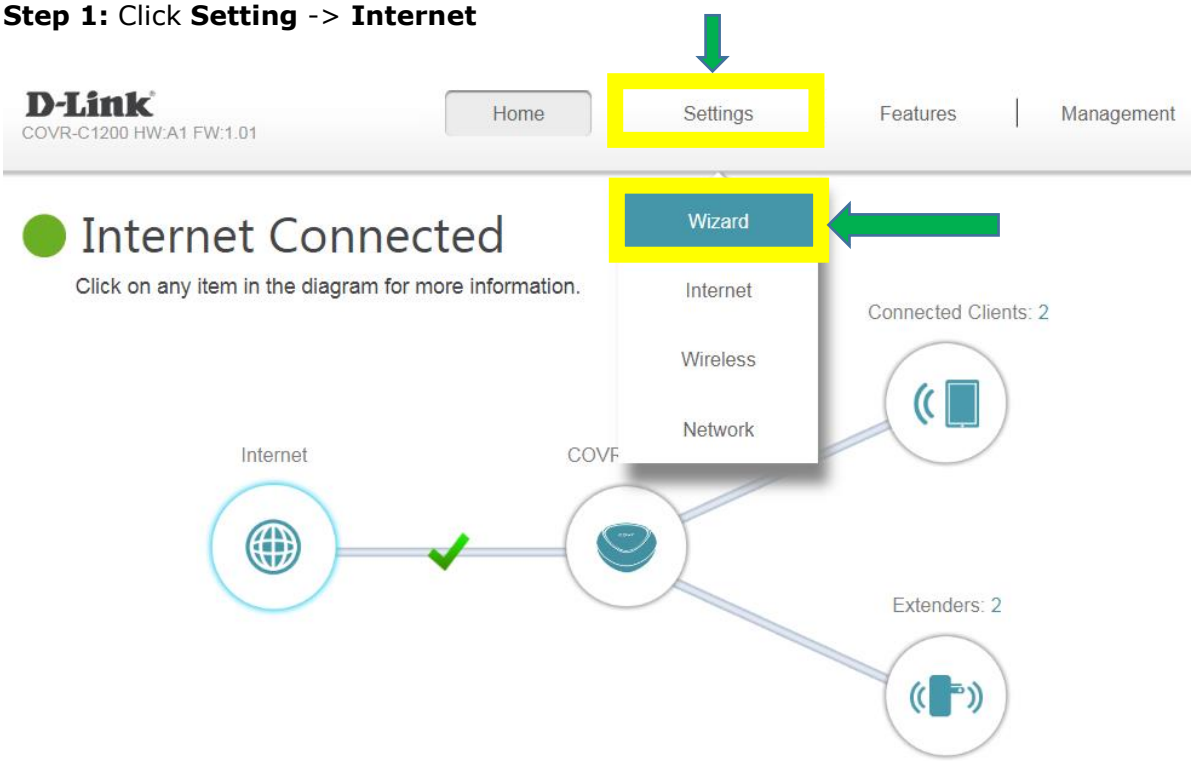
Note: For creating the schedule, please refer to [how to create schedule on my router?]

Q13: How do I clone my PC MAC address to the router?

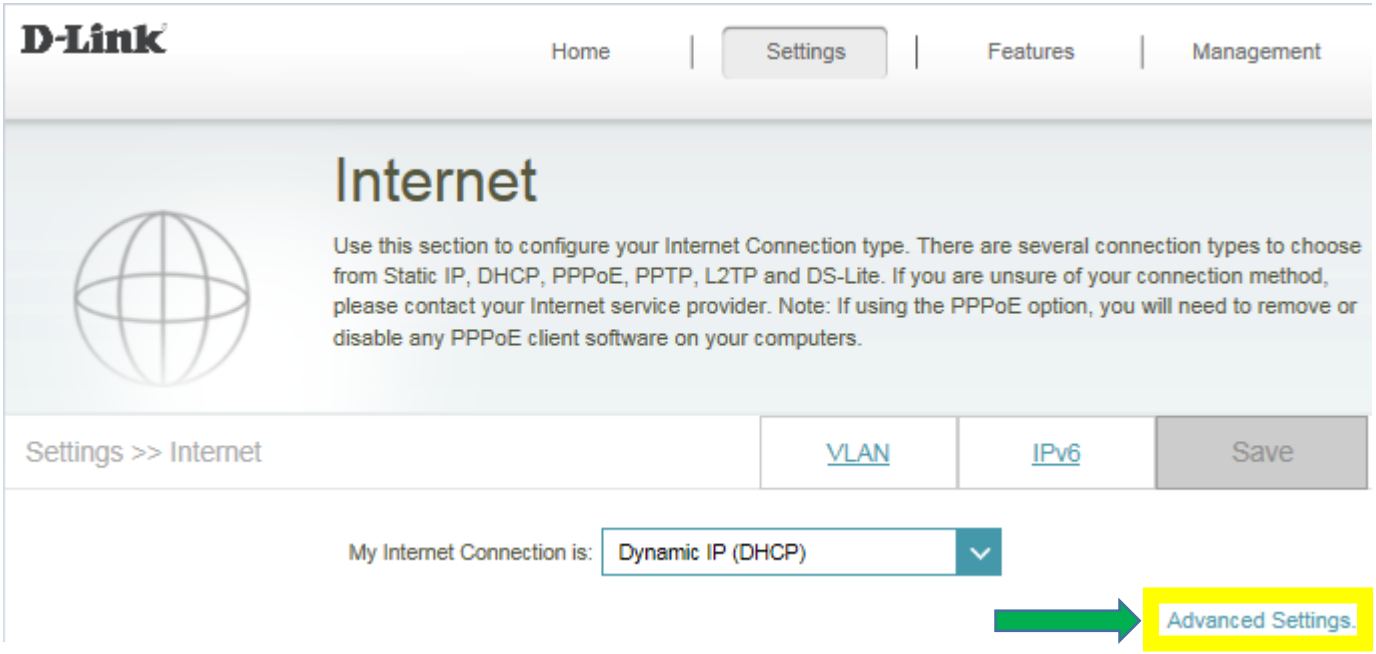
Some cable internet providers may request you to clone PC Mac address in order to go online through the router. It is recommended to clone MAC address from a computer that was able to go online when connected to the modem.

Please launch your browser and enter http://covr.local./ into the address bar. Then log in and follow the steps below:

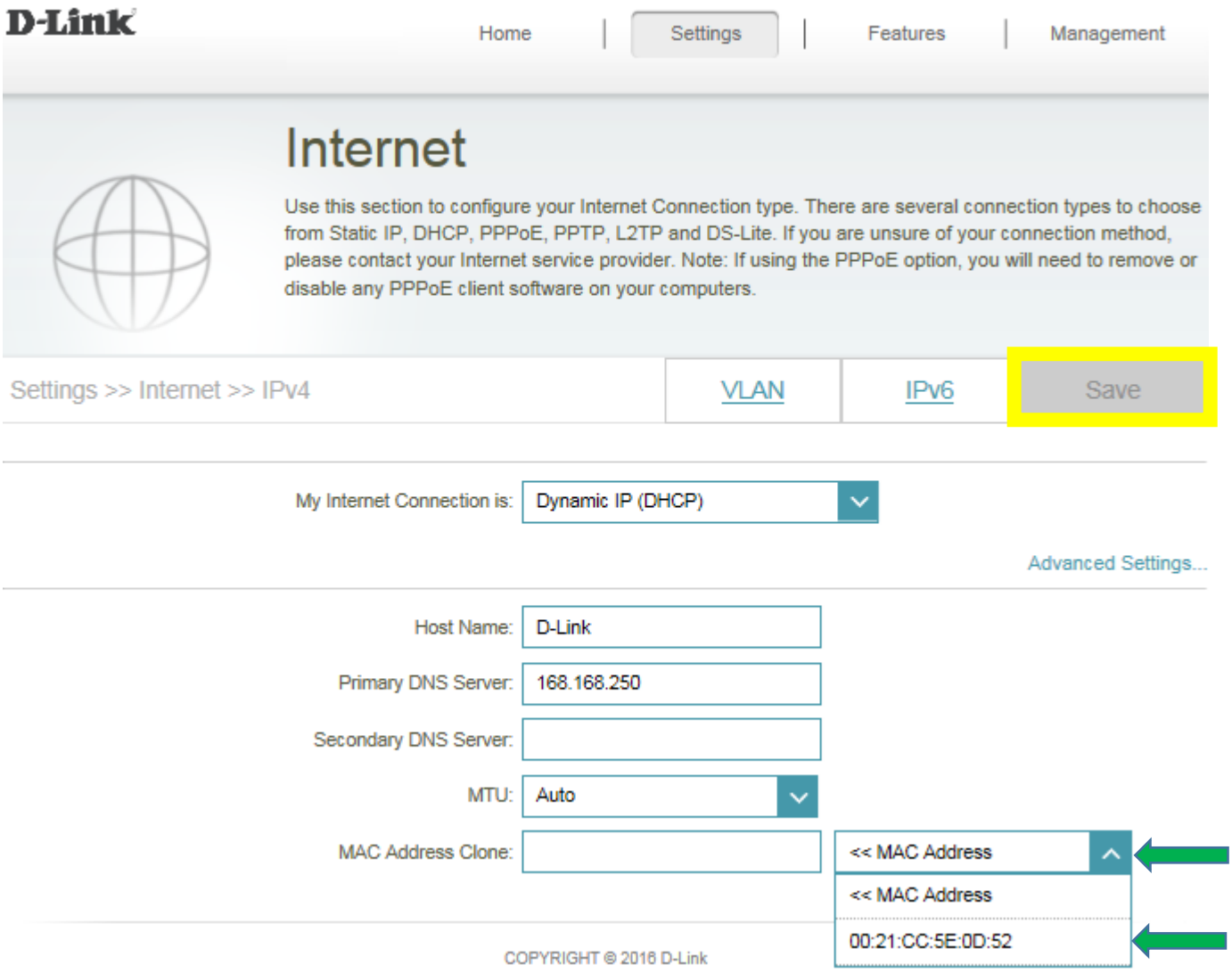
Step 1: Click **Setting** -> **Internet**



Step 2: On the **Internet** page, click **Advanced Setting**



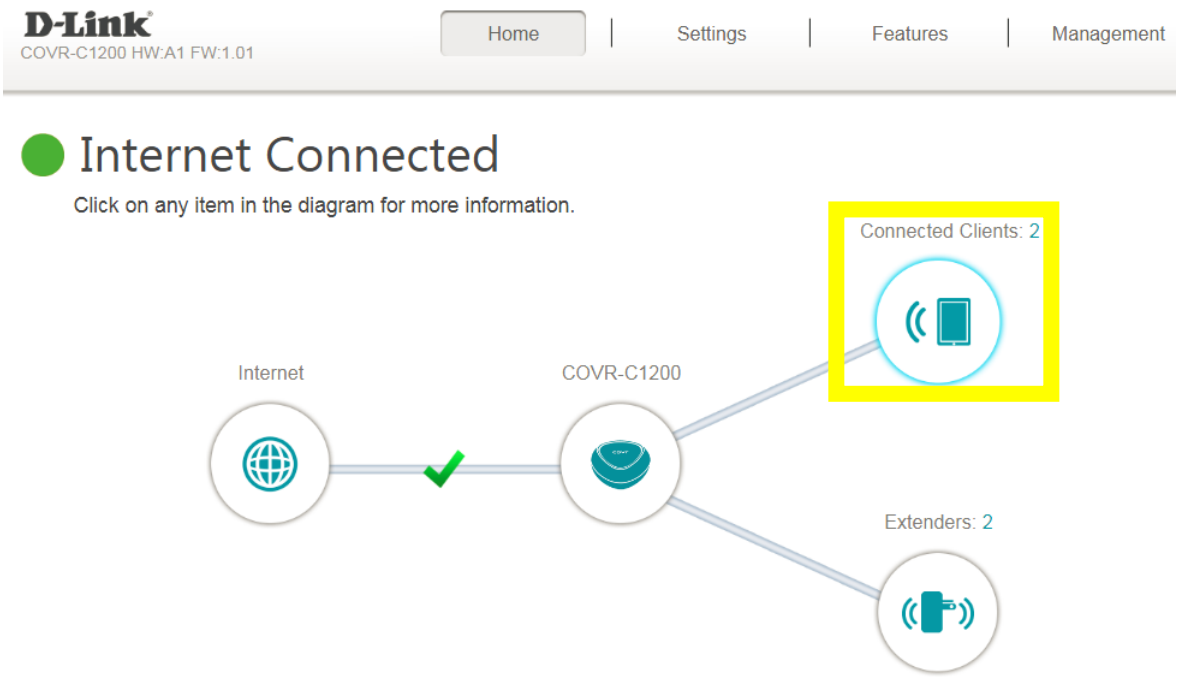
Step 3: Either enter a MAC address or select a MAC address from the drop-down menu and click **Save**



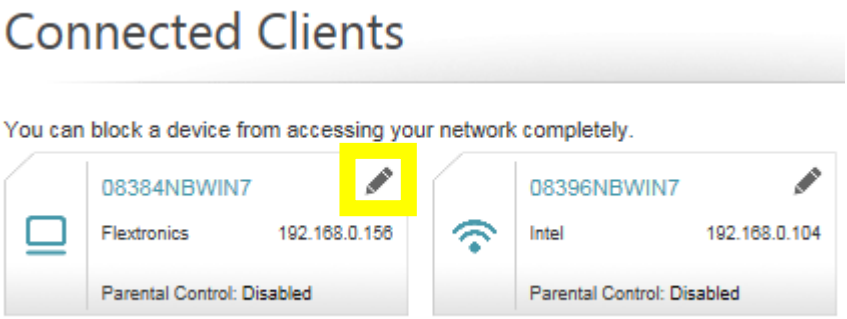
Q14: How do I configure DHCP IP reservation settings?

Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

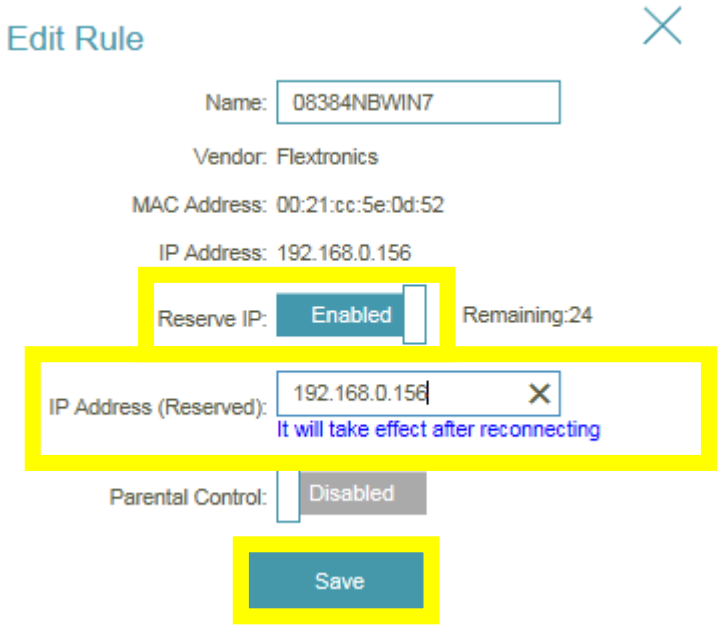
Step 1: From the home page, click the **Connected Clients** icon:



Step 2: Click the **Pencil Icon** in the box of the client you want to change settings for:



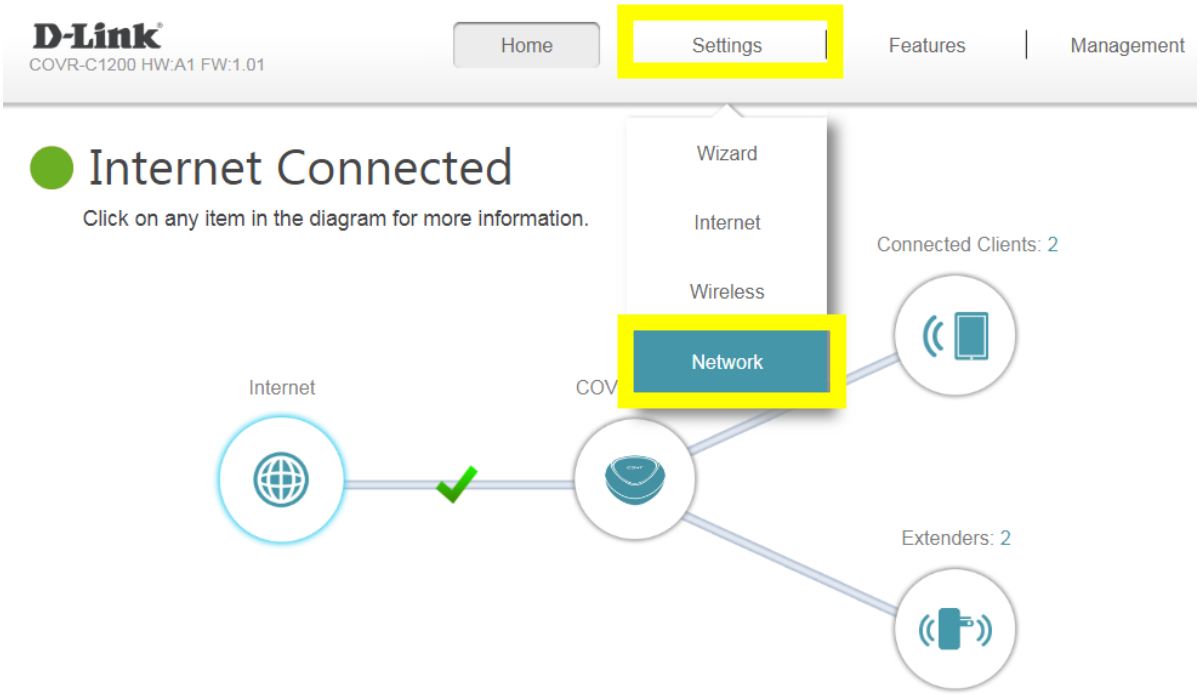
Step 3: Click **Reserve IP** to enable IP reservation. Enter the reserved IP address, then click **Save**. By doing this, the DHCP server will reserve the IP address you entered for this client device.



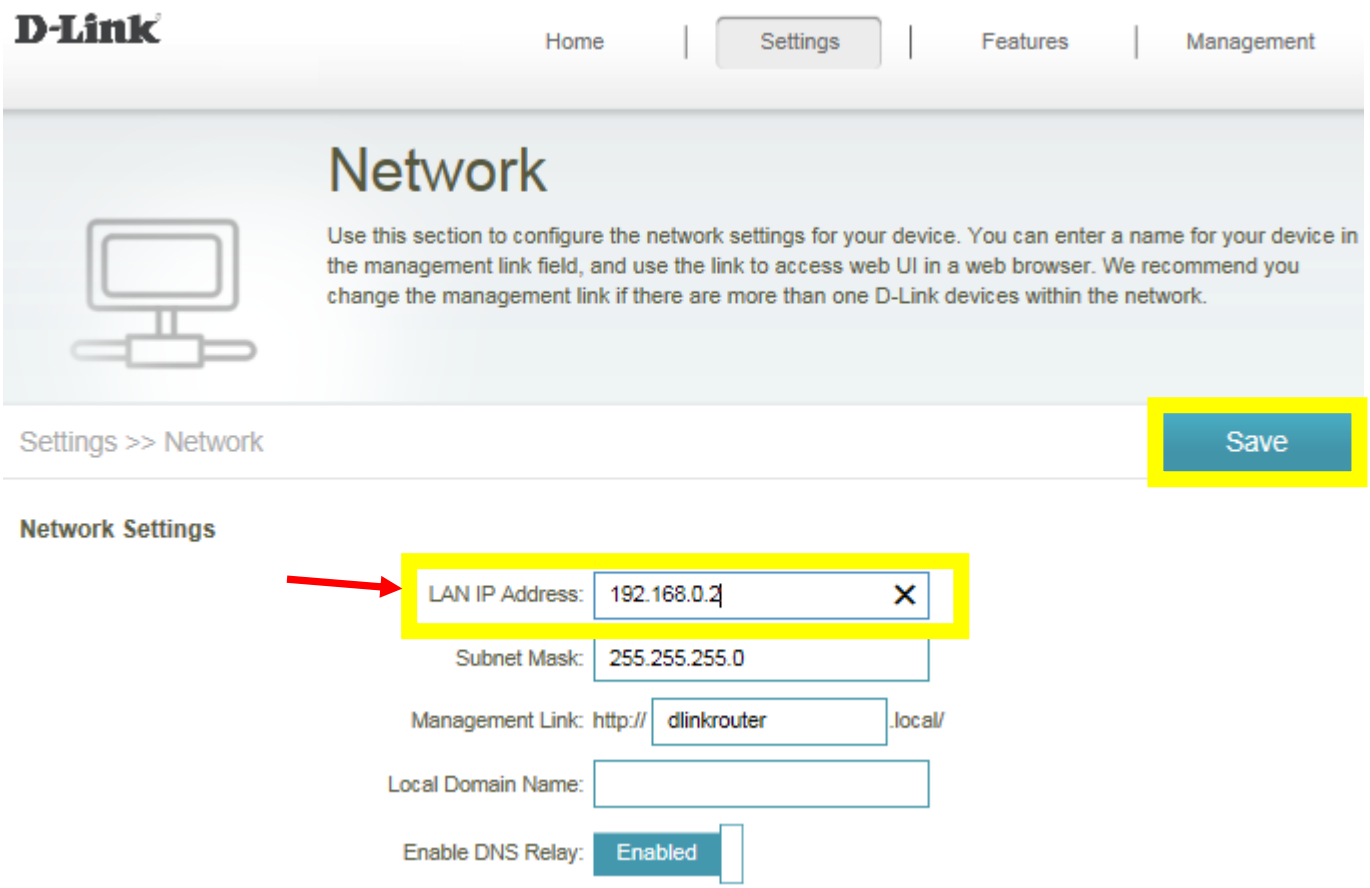
Q15: How do I change the router's IP address?

Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

Step 1: Click **Settings** -> **Network**



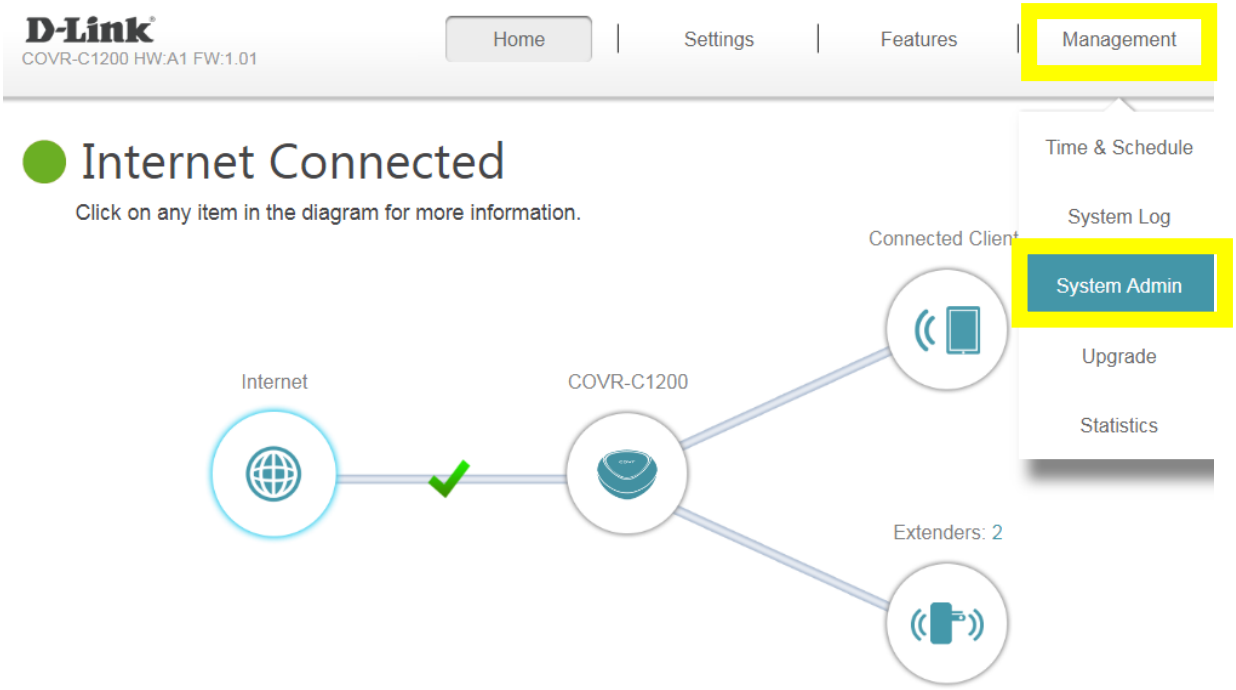
Step 2: In the **LAN IP Address** field, enter a new IP address and click **Save**.



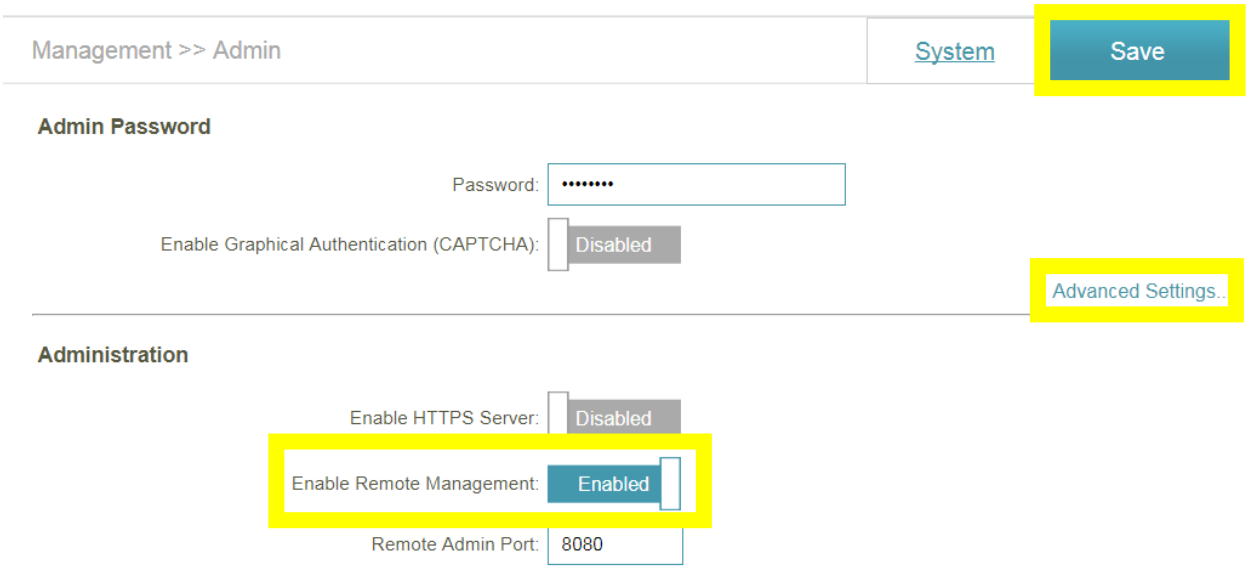
Q16: How do I enable remote management for my router?

Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

Step 1: Click **Management -> System Admin**



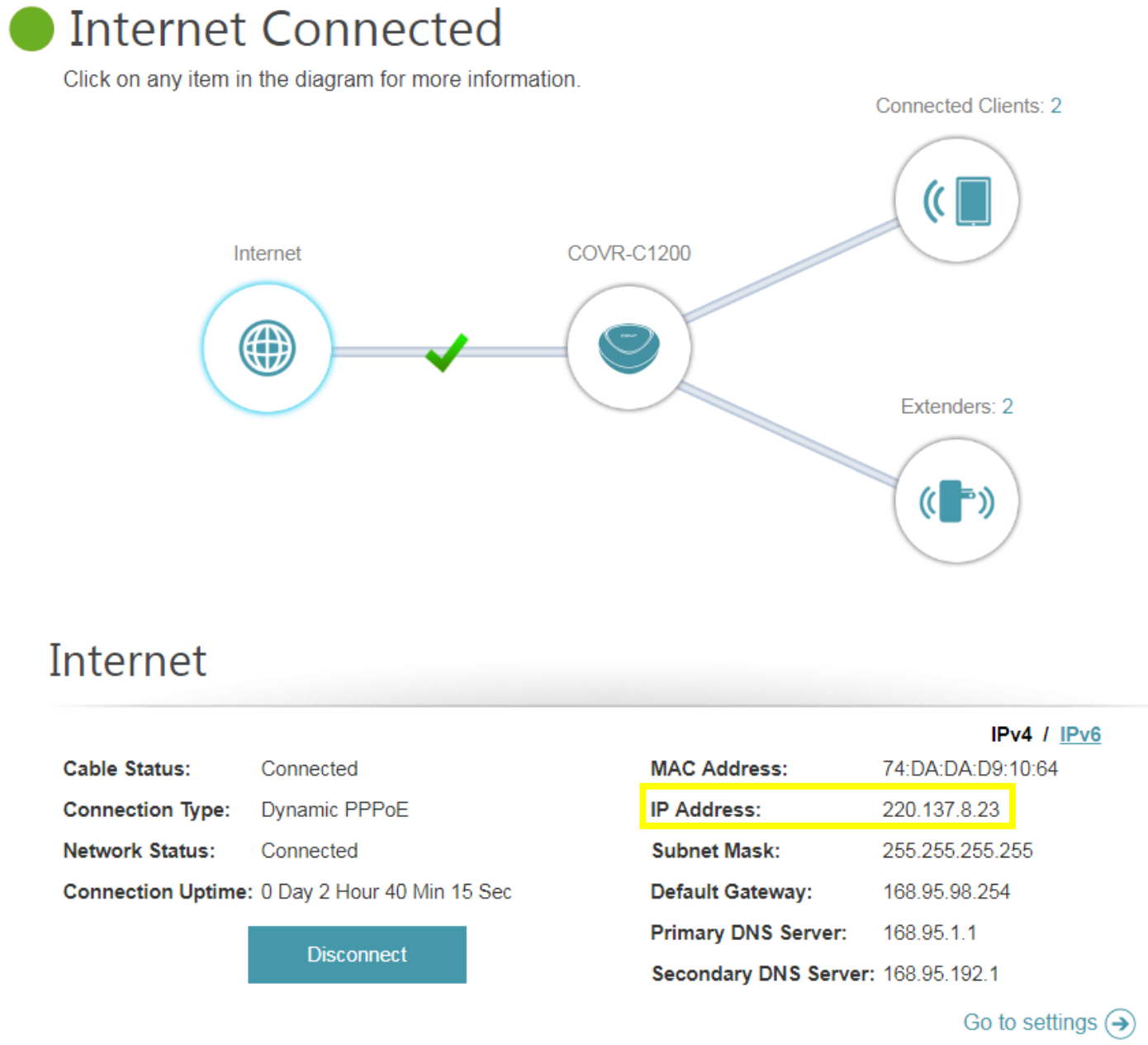
Step 2: Click **Advanced Settings**, and **enable Remote Management**, then click **Save**. The default remote management port: 8080.



Note: To access your router remotely, from a web browser enter: http://<your WAN IP>:8080.

e.g. http://220.137.8.23:8080

You can find your WAN IP by clicking on the **Home** tab. It will be displayed under the Internet Section.



Q17: Does COVR-1200 support bridge mode?

COVR-1200 does not support bridge mode. Currently, the models supporting bridge mode are: DIR-895L, DIR-885L, DIR-880L, DIR-868L, DIR-865L and DIR-605L.

Q18: Does COVR-C1203 support VLAN?

No, currently COVR-C1203 does not support VLAN functionality.

Q19: Can I adjust the 2.4G or 5G wireless bands for COVR-C1203?

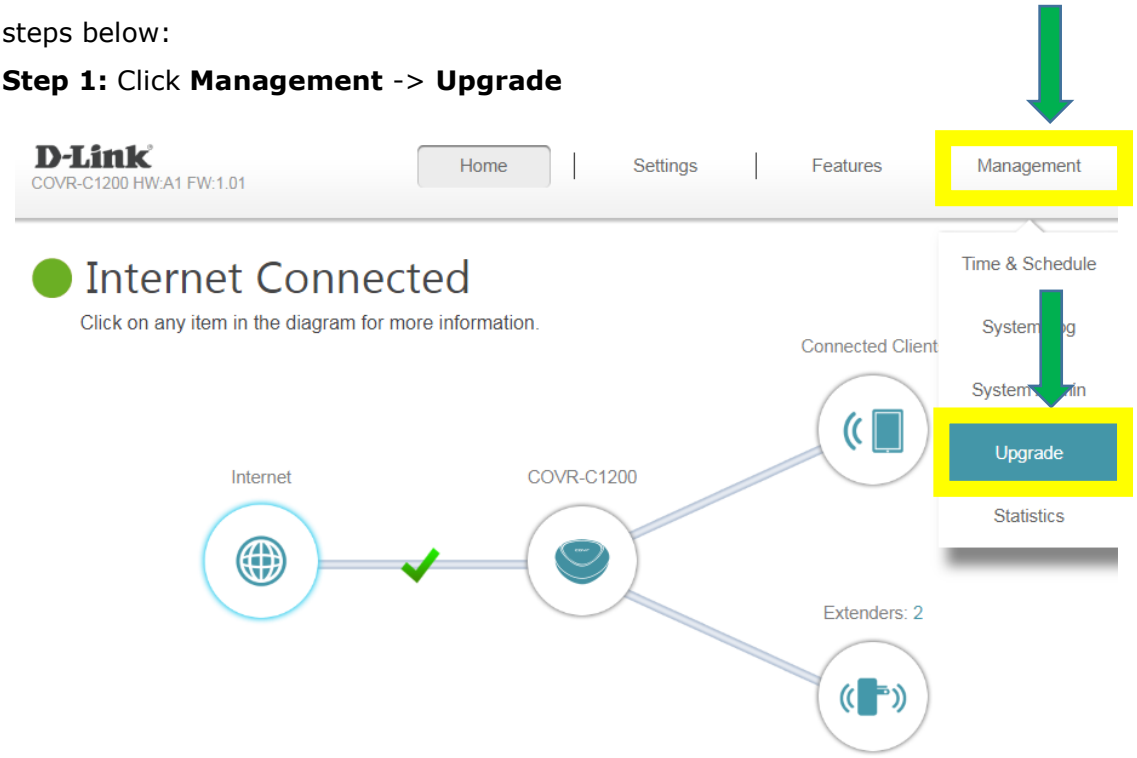
No, the 2.4 GHz and 5 GHz wireless bands cannot be configured separately. Instead, COVR-C1203 features a single network with a single Wi-Fi network name (SSID) which uses intelligent band steering to automatically place your devices on the optimal wireless band, either 2.4 GHz or 5 GHz.

Firmware Upgrade/Checking

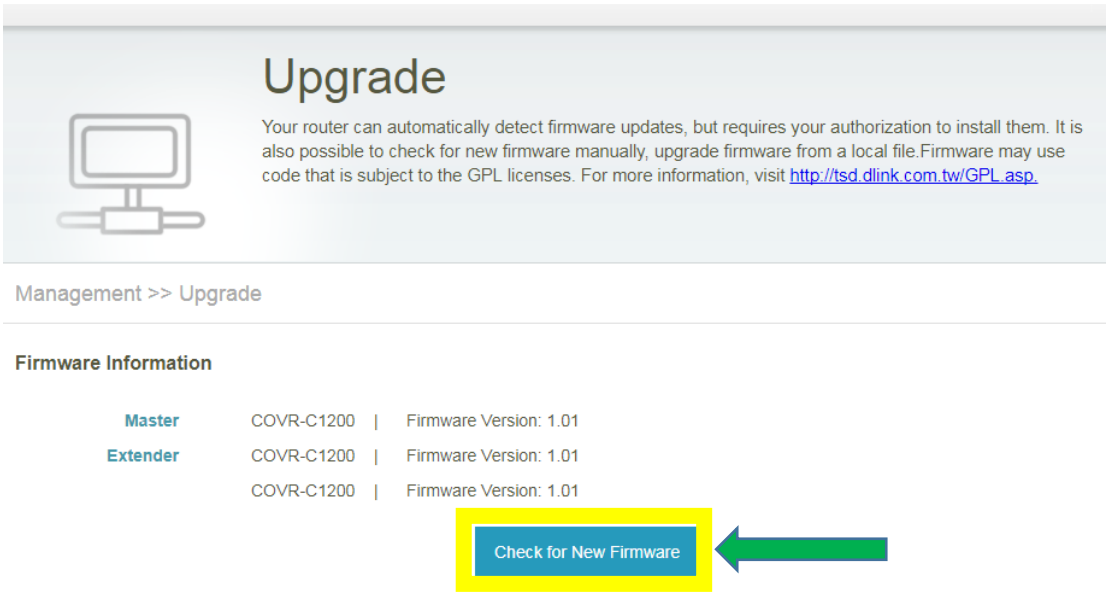
Q20: How do I upgrade my Covr Router's firmware?

Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

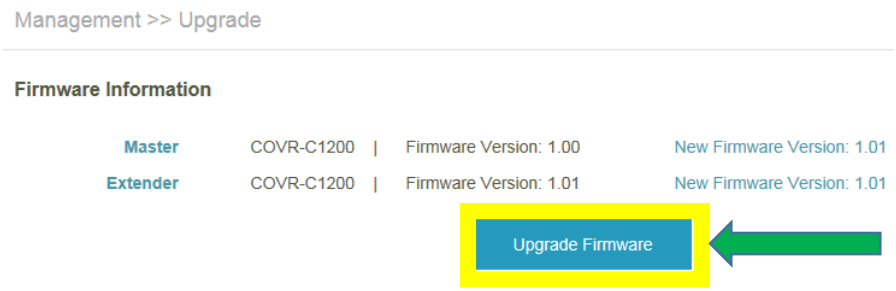
Step 1: Click **Management** -> **Upgrade**



Step 2: Click **Check for New Firmware** to browse for the firmware:

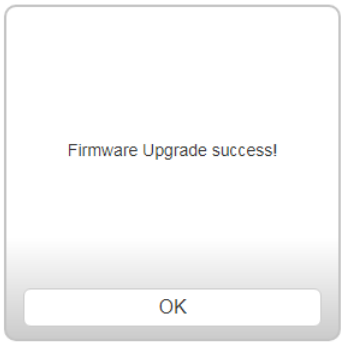


Step 3: If new firmware is detected, click **Upgrade Firmware** to begin the update process:



A message will appear informing you on the update progress:

If the firmware has successfully updated, the following message will appear:



Note:

1. The notification message will pop up if the firmware is the latest version:

2. **Manual Upgrade:**

   You can also manually upgrade the device firmware if you have downloaded the firmware file from the D-Link support website:

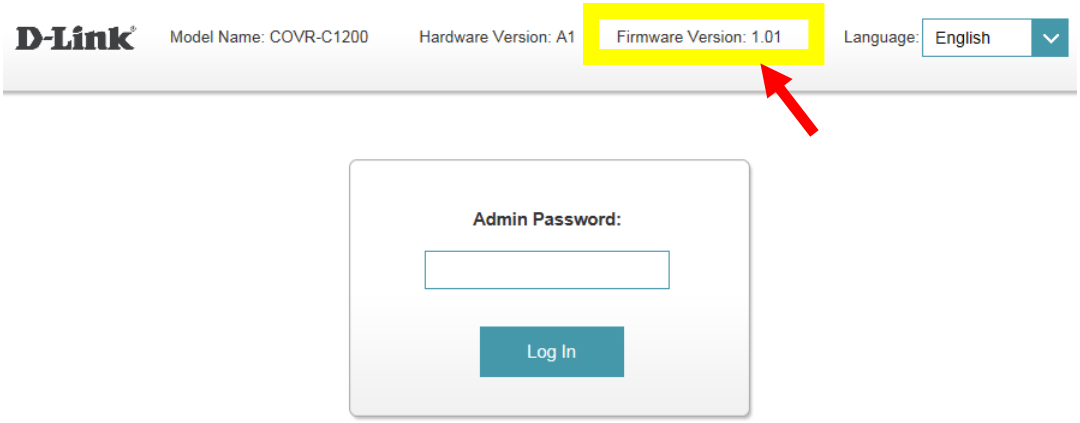
   Step 1: On the firmware page, click **Advanced Settings**.

   Step 2: From the **Device Name** drop-down menu, select the Covr Point you would like to upgrade firmware for.

   Step 3: Click **Select File** and navigate to the firmware file you downloaded earlier, then click **Upload** to begin the upgrade process.

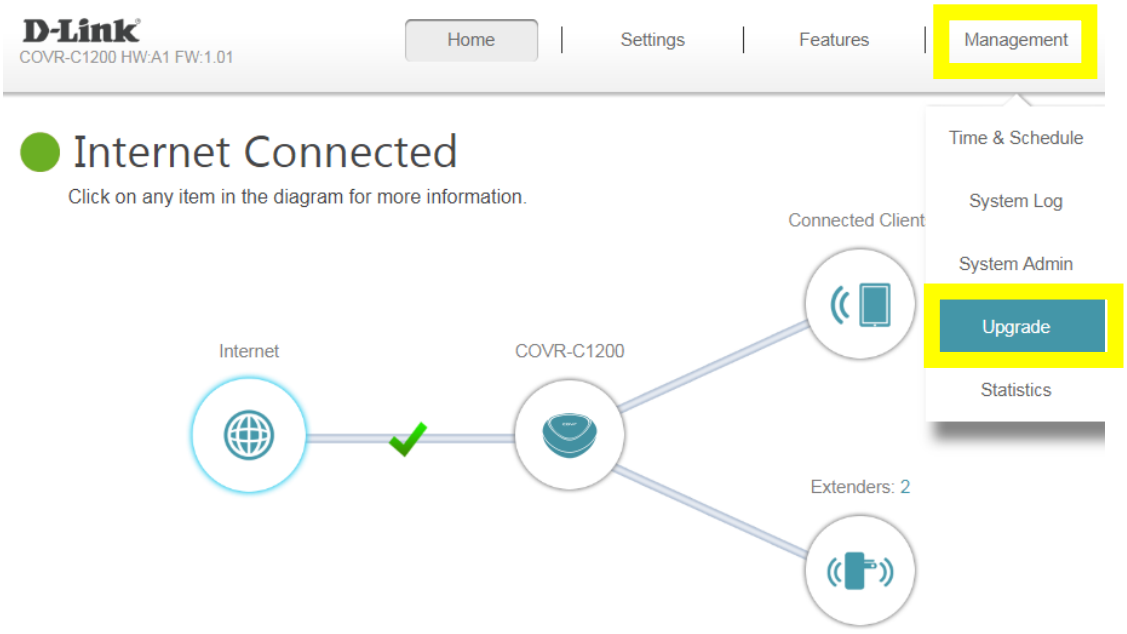
Q21: How do I check the firmware version of my COVR-1203 system?

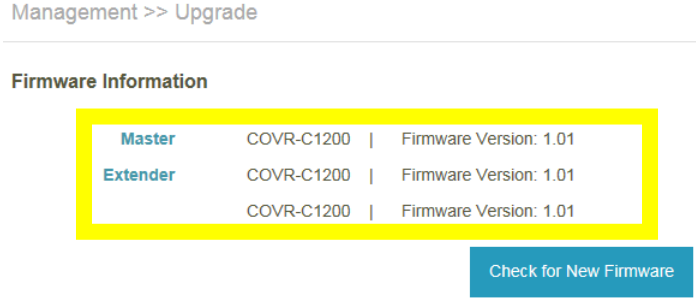
Method 1: Please launch your browser and enter http://covr.local./ into the address bar. The firmware version can be found at the upper right of the page.



Note: This version only shows the firmware version of the Covr Router. The other Covr Points may be using a different firmware version. Refer to method 2 to verify the firmware version of each Covr Point.

Method 2: Click **Management** -> **Upgrade**. On this page you can see the firmware version for both the Covr Router and Covr Point(s):





Note: If you need to upgrade the Covr Router or Covr Point(s) individually, please refer to the **Manual Upgrade** section above.

Factory Reset

Q22: How do I reset my Covr router to factory default settings?

If you forgot your admin password or your device isn't working properly, you can perform a reset to return the device to its factory default settings.
Resetting your device will:
(1) Erase all your current settings. This cannot be undone.
(2) Reset the device admin password back to its default (blank).
(3) Not reset the firmware to the previous version.

Step 1: While the unit is powered on, use an unfolded paperclip to press the reset button on the base of the Covr Router (Covr Point A) for **5 seconds**. The Covr LED on the top of the router will turn red to indicate that the unit is restarting.

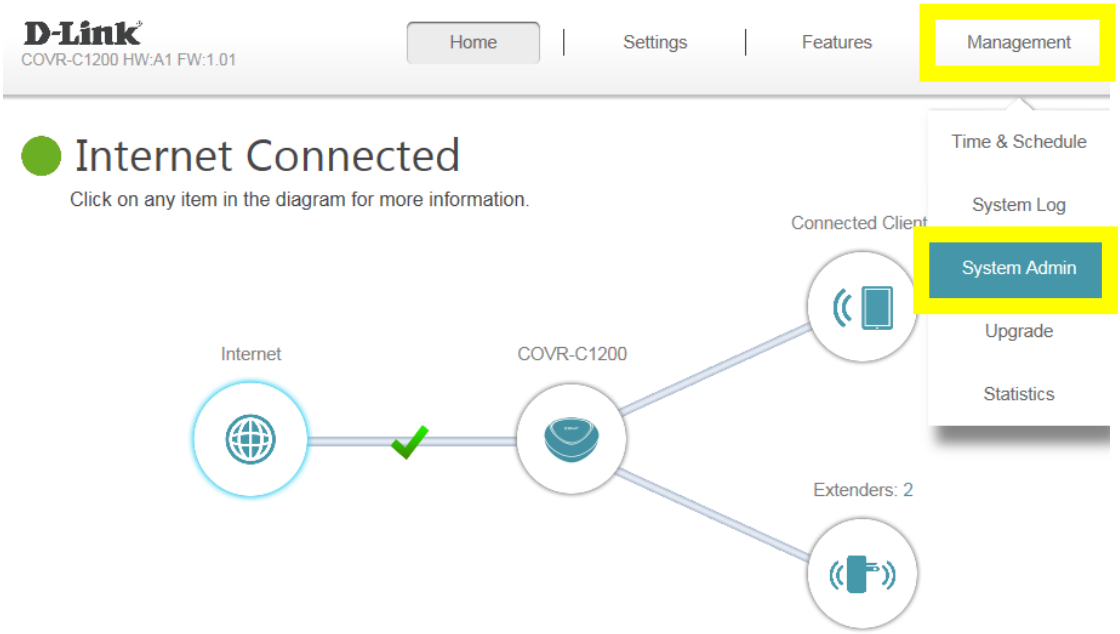
Step 2: The unit will reboot automatically. Once the LED is blinking with amber, the unit has been reset and is ready to use.

Note: You only need to reset the Covr Router. The remaining Covr Points will automatically synchronize and obtain their configuration settings from the Covr Router after finishing the setup process.

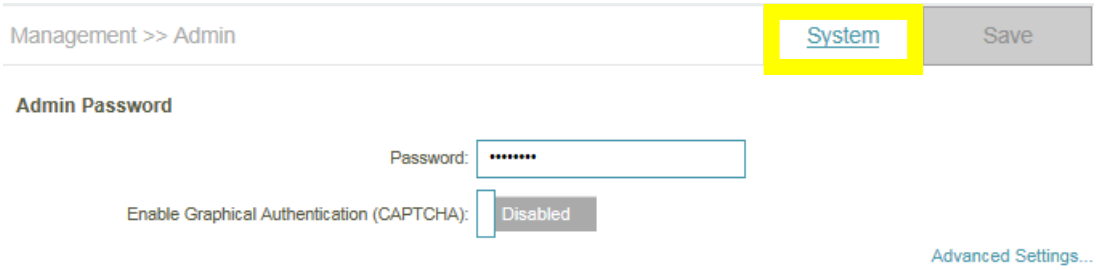
Q23: How do I backup/restore the configuration settings of my Covr router?

Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

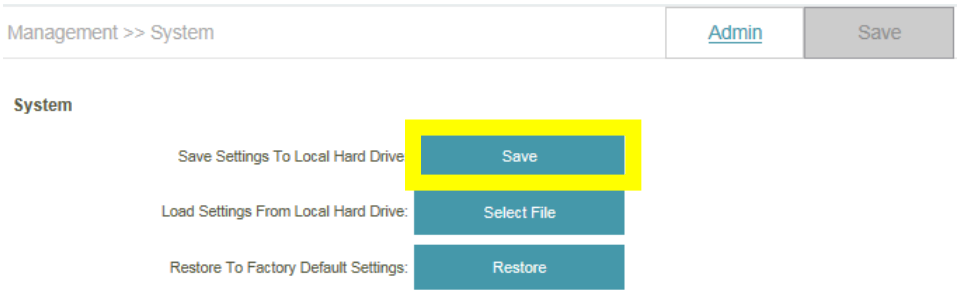
Step 1: Click **Management -> System Admin**



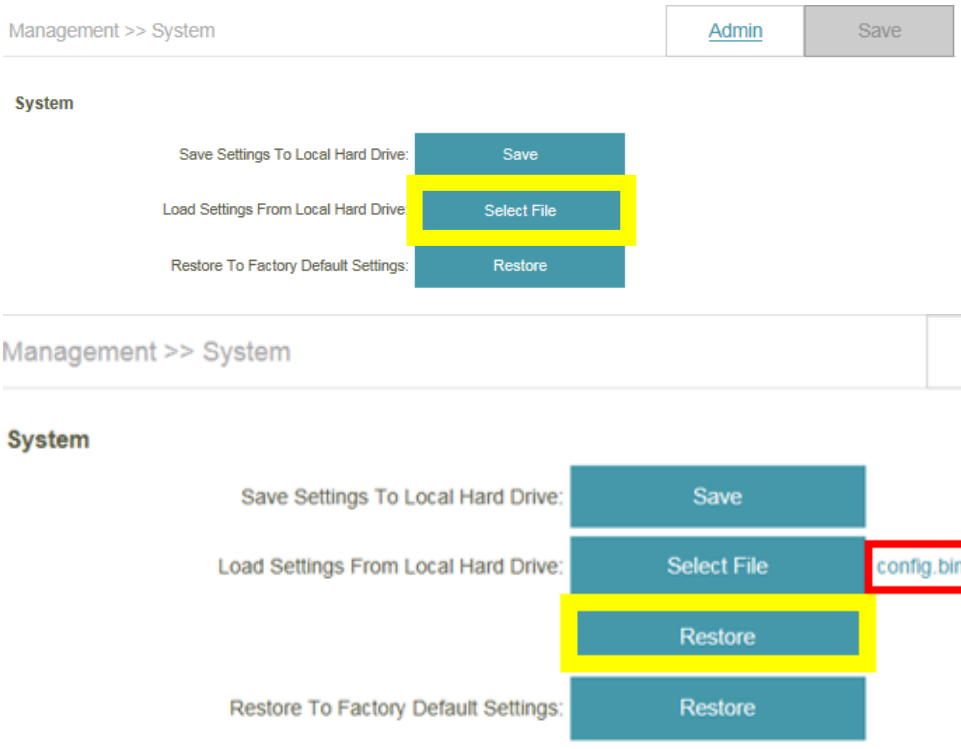
Step 2: Click **System**



Step 3: Click **Save** to save a backup of your current configuration settings to your local hard drive:



Step 4: To restore your configuration, click the **Select File button** and select your configuration backup file from your local hard drive. Once selected, click **Restore**.



Definitions

Q24: What is WPS?

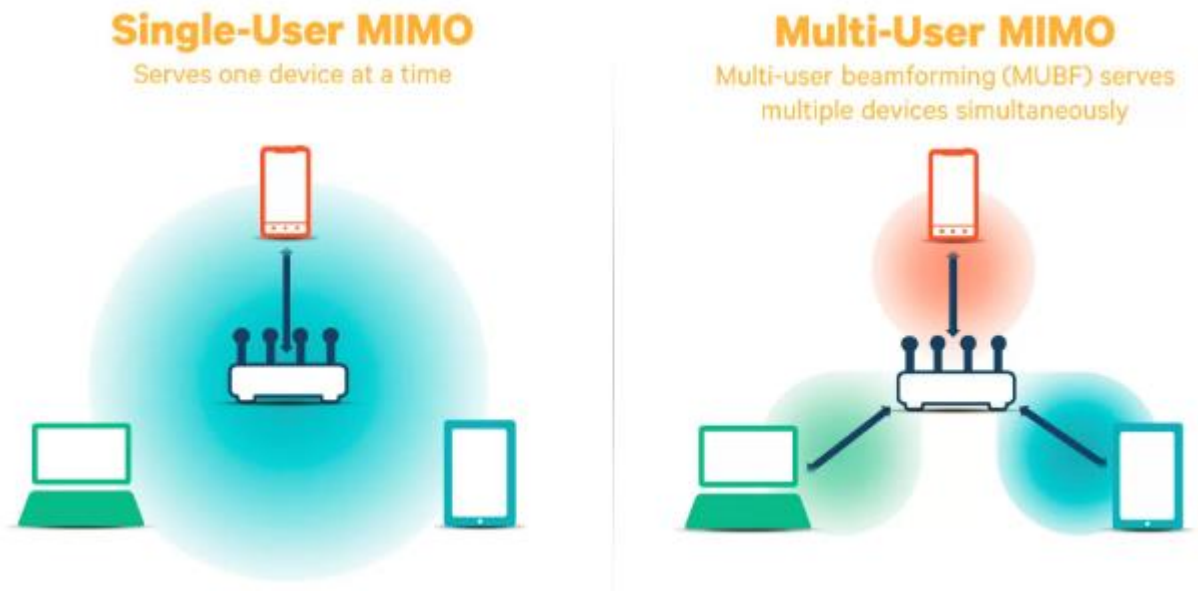
Wi-Fi Protected Setup (WPS) is a standard to connect wireless devices together easily and secure. To use WPS, your product must support WPS and be compatible with WPA/WPA2 security.

To use WPS, simply press the WPS button on your router or access point, and then press the WPS button on your wireless client (sometimes may be enabled by software) within 2 minutes. The router/access point will automatically configure your client with your Wi-Fi name (SSID) and Wi-Fi password.

You can use WPS to add client devices, such as IP cameras or smart plugs, to your COVR-1203 network.

Q25: What is MU-MIMO?

The COVR-C1203 Dual Band Whole Home Wi-Fi System features multi-user multiple input, multiple output (MU-MIMO) Wi-Fi, which transmits multiple separate data streams to each wireless device simultaneously to increase speed and efficiency.



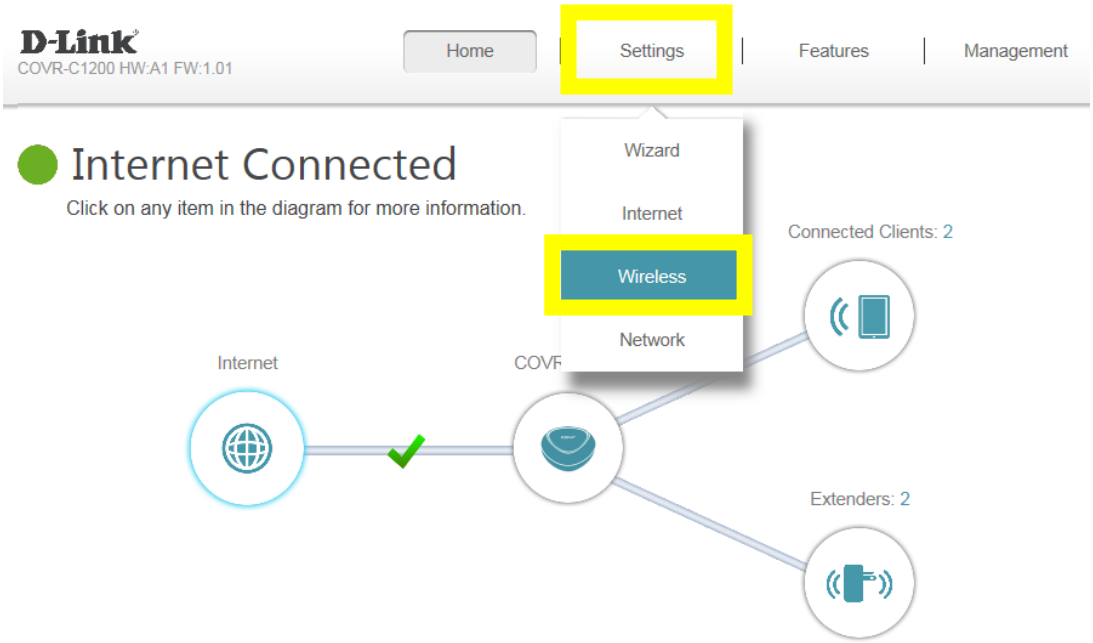
Guest Zone Setting

Q26: How do I enable Guest Zone/Guest Access on my Covr router?

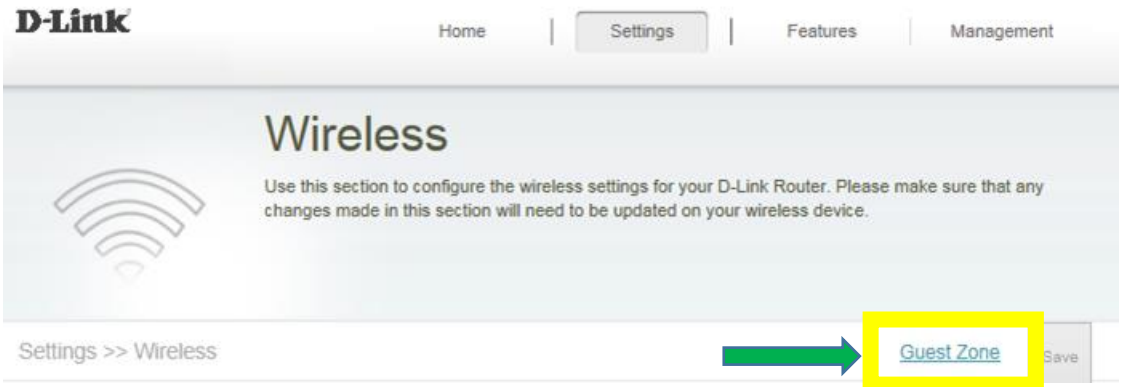
The guest zone feature will allow you to create a temporary Wi-Fi zone separate from your main wireless network that can be used by guests to access the Internet.

Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

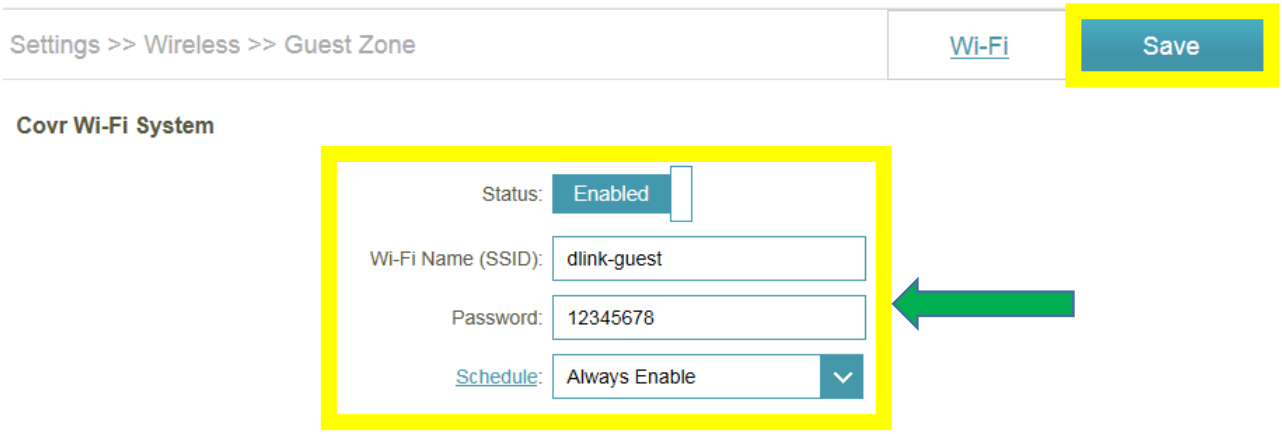
Step 1: Click **Settings** -> **Wireless**



Step 2: Click the **Guest Zone** tab:



Step 3: Set **Status** to Enabled, and configure your Guest Zone Wi-Fi name (SSID) and password then click **Save**:



Connection Checking/Troubleshooting

Q27: How many simultaneous users can my Wi-Fi network handle?

The more devices that are simultaneously connected to your Covr Wi-Fi network, the slower the transfer speed will be for each device. For the best performance, D-Link recommends a maximum of **32 simultaneously connected users**.

Q28: My router is dropping connections, how to fix this?

If your router is not performing properly (freezing, automatically rebooting, disconnecting…etc.), this could be happening for a number of reasons.

Please check the following:

1. Ensure the router is in a well ventilated area. If the router does not get adequate airflow, it could overheat.
2. Ensure the firmware is up to date.
   Firmware is the "brain" of the router, it is the programming that tells it how to work. D-Link will occasionally release new firmware updates to improve product features and stability. Upgrading to the latest firmware may correct issues you are experiencing.
   Please follow this link for instructions of how to upgrade the firmware- How to upgrade firmware for router?
3. Perform a factory reset on the router. Please follow this link for instructions: Reset your router to factory default setting?

Q29: What can I do if I'm having wireless connection problems?

If you are experiencing any of the problems below:
- Slow wireless speeds
- Wireless connection drops
- Weak wireless signal

Note: An easy way to determine if the issue is with the router or with the wireless device is to see if the issue exists on multiple devices. If you internet is slow or is only dropping on one of multiple devices/computers, then the issue is probably not with the router. If the router is the main cause, all devices connected will be affected.

1. **Check or change the location of your router**. Even a subtle changes (2-3 feet) can make a big difference.
   - Ensure the router is in a well ventilated and open area. Do not put the router in a cabinet or enclosed area

   - Other devices that use the 2.4GHz/5GHz wireless band may interfere with your wireless network, these include microwaves, wireless cameras, baby monitors. If needed, place the router or the other devices in a different area if they are close to each other.

   - Wireless signals will degrade (or die completely) when going through solid surfaces such as brick (fireplace), metal (file cabinet), steel, lead, mirrors, water (fish tank), large appliances, glass, etc.

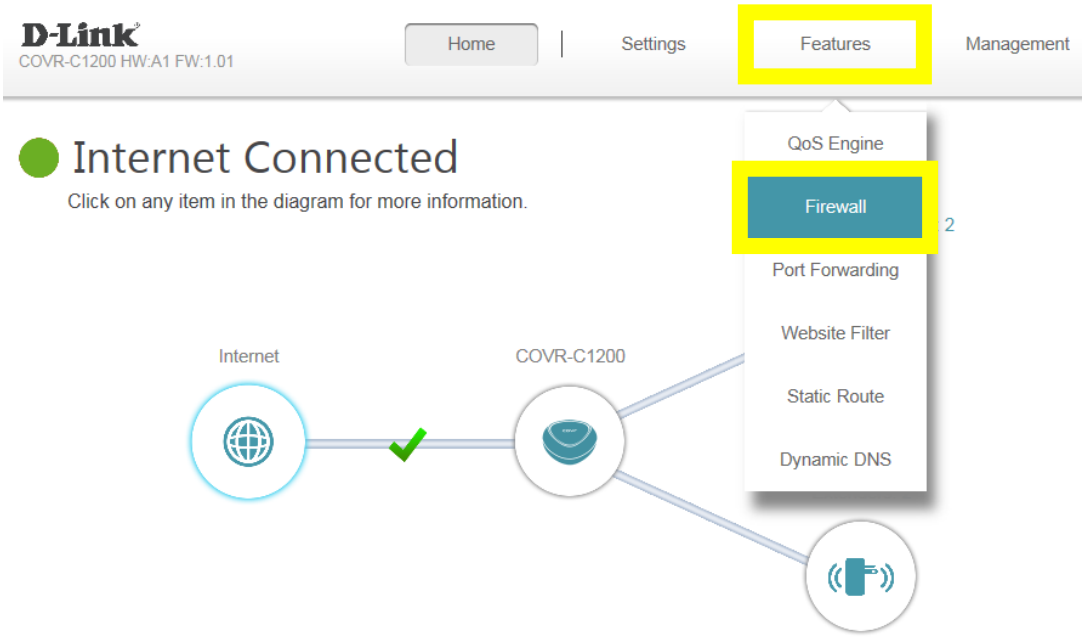
2. **Ensure that your router is running the latest firmware version.** Please follow this link for instructions on how to upgrade the firmware- How to upgrade firmware for router?

Q30: Why won't my VoIP device work with my router?

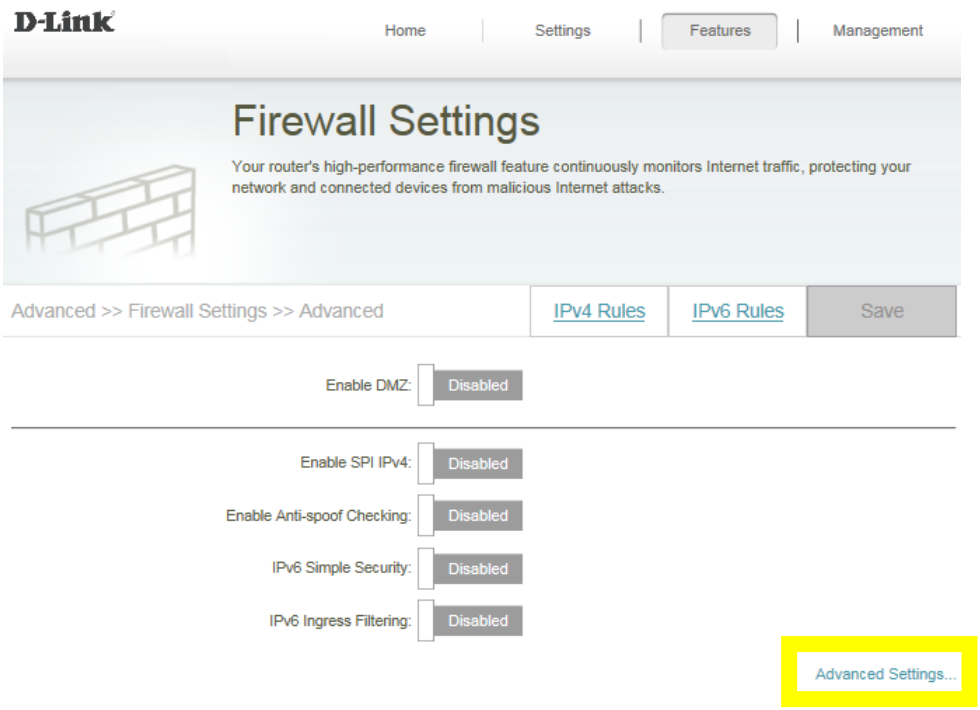
1. Please confirm if you are using the latest firmware. You can review the process of firmware version checking and upgrading process below:
   (1) Firmware version checking: How to check firmware version for your router?
   (2) Firmware upgrade process: How to upgrade firmware for your router?

2. **Disable the SIP Application Level Gateway (ALG) feature on your router**
   SIP ALG allows devices and applications using VoIP (Voice over IP) to communicate across NAT. Some VoIP applications and devices have the ability to discover NAT devices and work around them. This ALG may interfere with the operation of such devices. If you are having trouble making VoIP calls, try turning this ALG off.

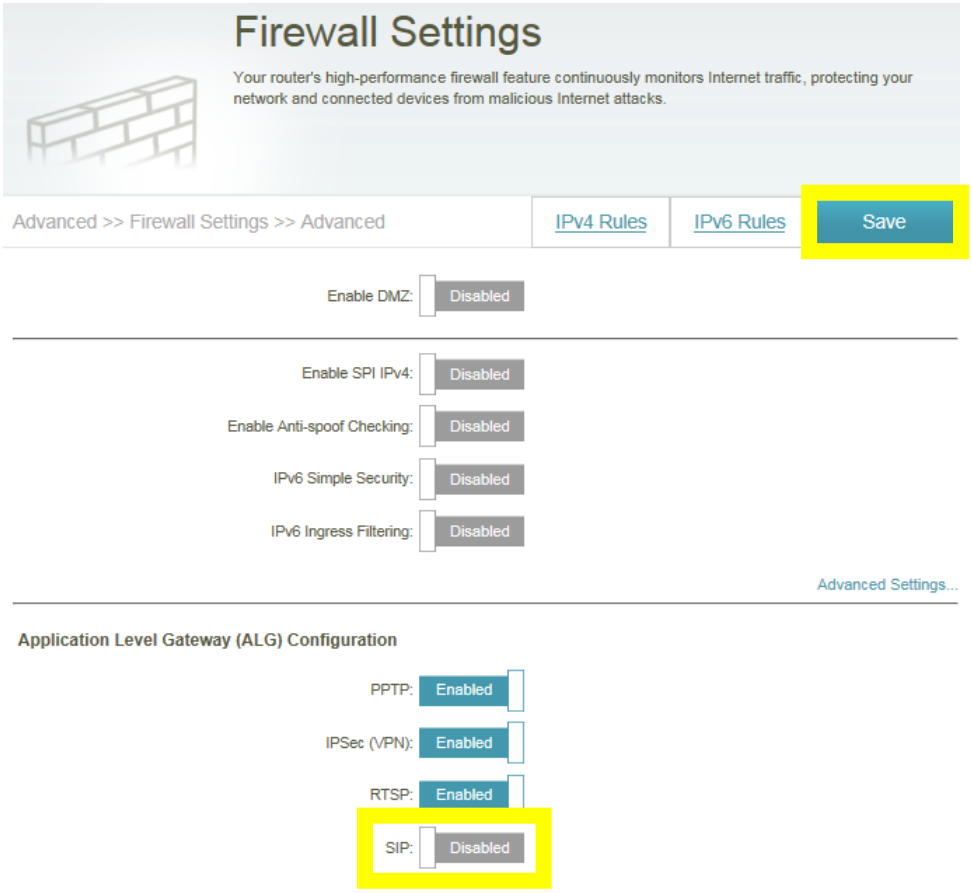
   Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:
   Step 1: First, click **Feature** -> **Firewall**:



Step 2: Then, click **Advanced Settings**:



Step 3: Then click **SIP** to disable the SIP ALG, and click **Save**:



Port Forwarding/Virtual Server Setting

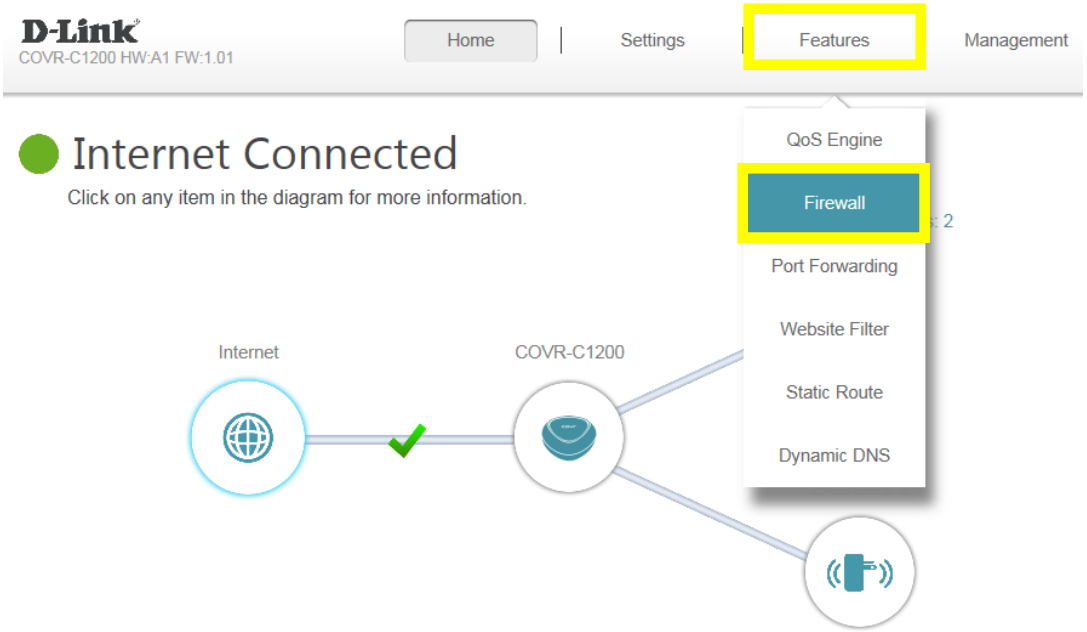
Q31: How do I enable DMZ on my router?

DMZ should only be used if you have a computer/device that cannot run Internet applications properly from behind the router.

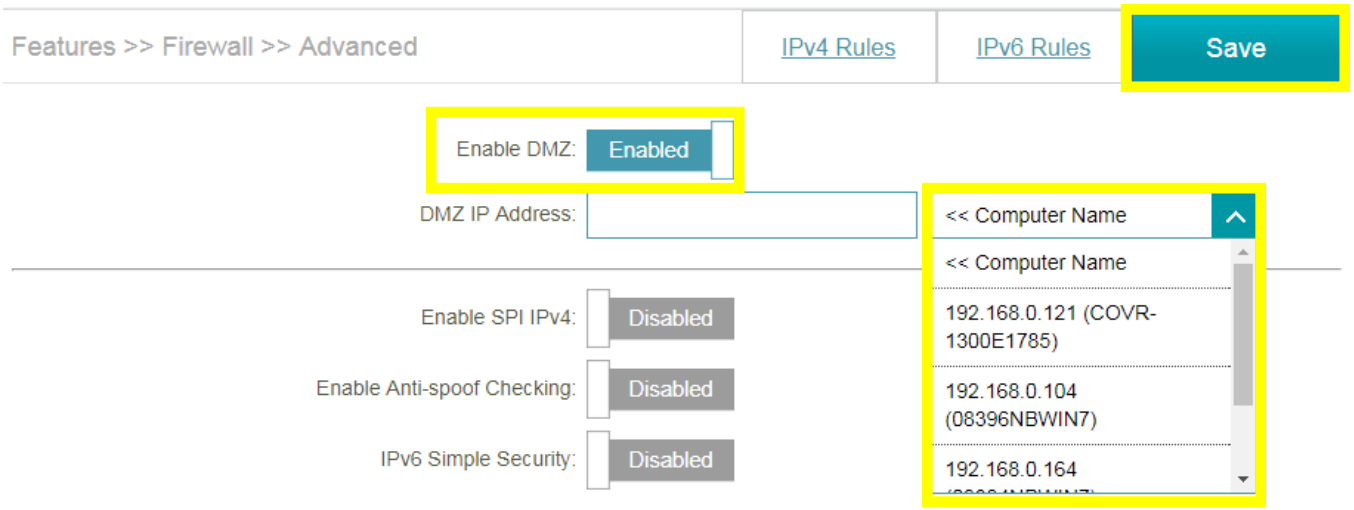
Note: By enabling the DMZ (Demilitarized Zone) feature, you are allowing the router to forward all incoming traffic from the internet to the device specified, virtually disabling the router's firewall protection. This may expose the device to a variety of security risks, so only use this option as a last resort.

Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

Step 1: Click **Features** -> **Firewall**



Step 2: Click **Enable DMZ** to use the DMZ feature, and fill in or select the IP address of the specified device from the drop-down menu, then click **Save**.



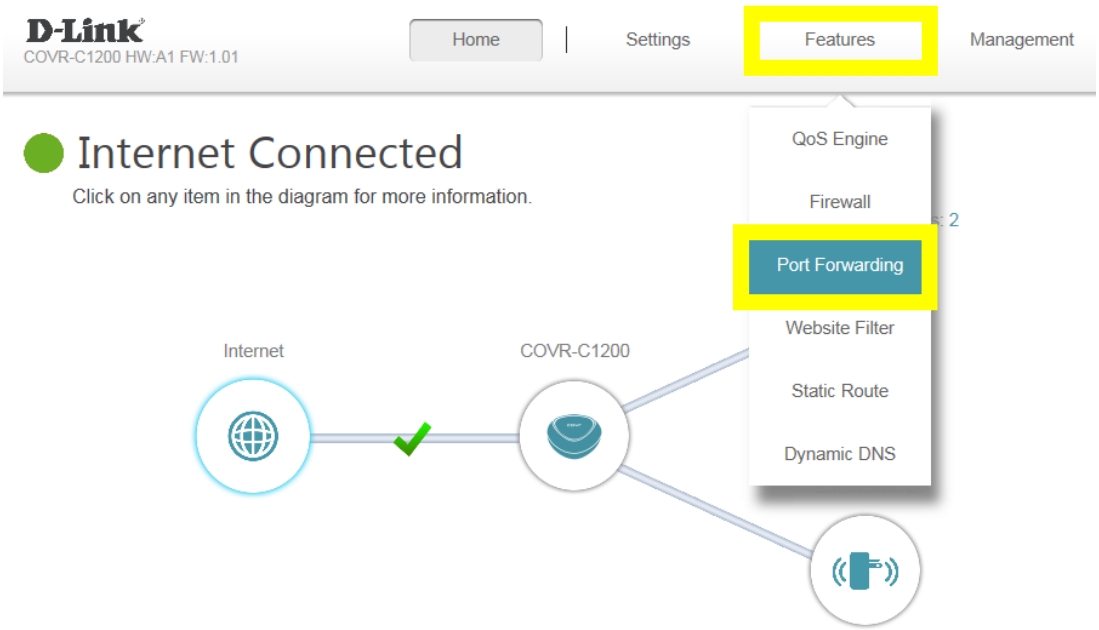
Q32: How do I open ports on my router?

Scenario 1: Single Port:

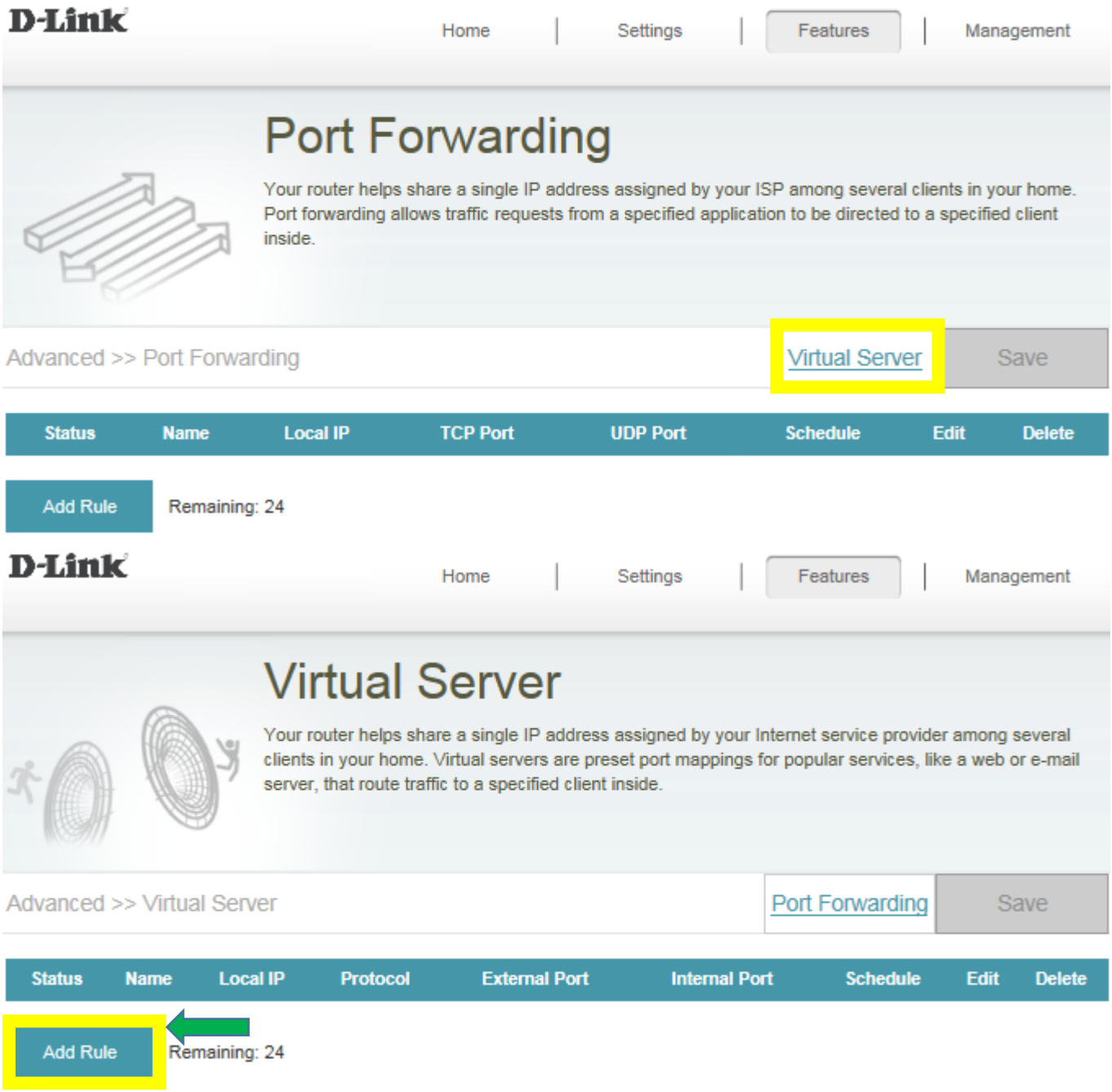
By default, your router will block all incoming connections (into your network) and allow all outgoing connections to the Internet. In some cases, you may need to allow some connections into your network, for example when using the Remote Desktop application. To use these applications, you must open ports on your router.

Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

Step 1: Click **Feature** -> **Port Forwarding**

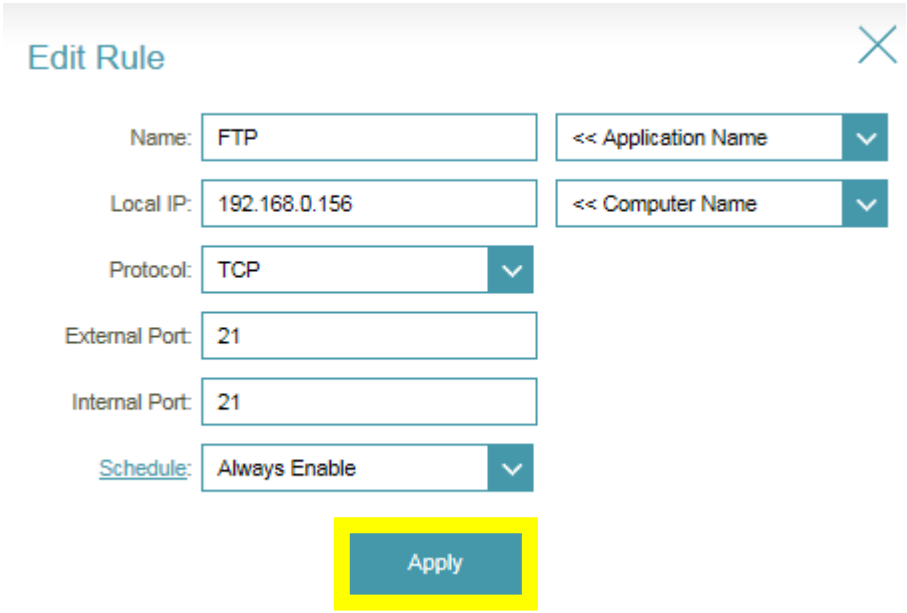


Step 2: Click **Virtual Server** and **Add Rule**

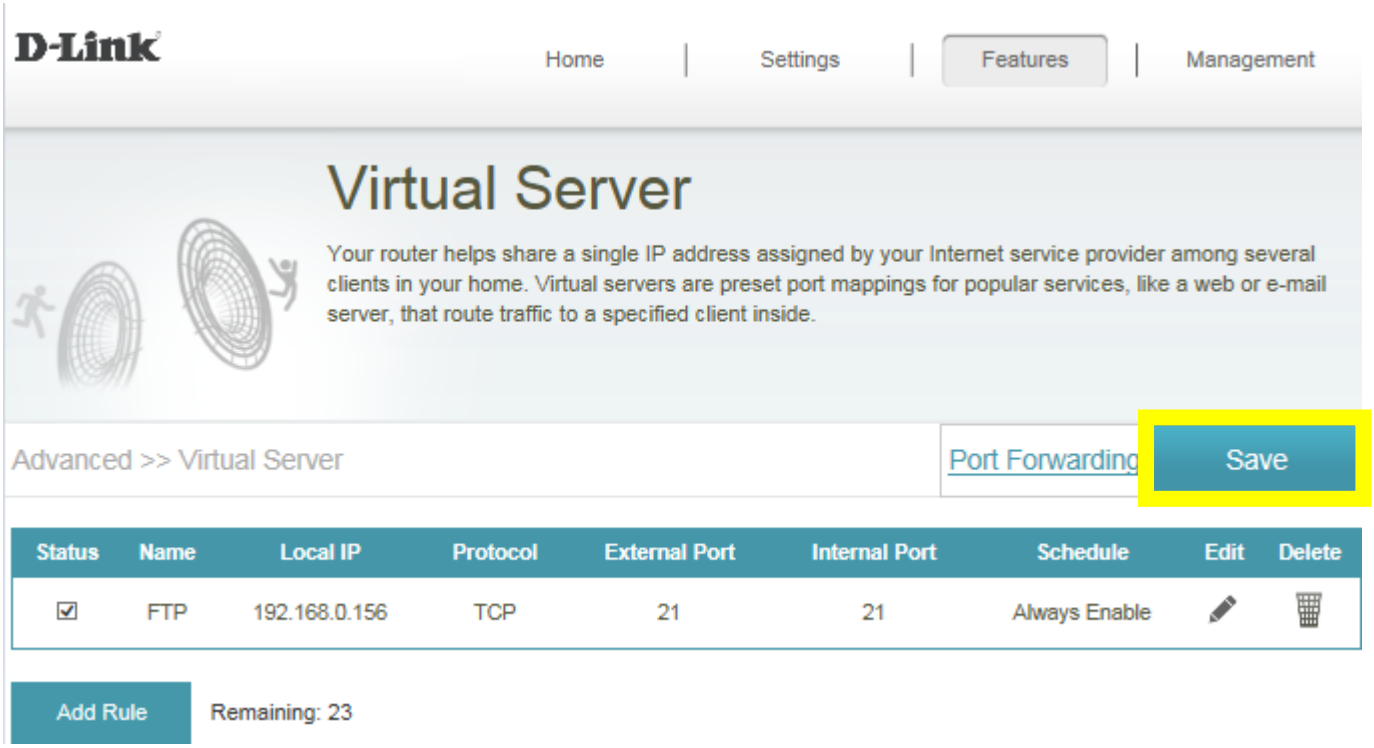


Step 3: Enter the necessary information (FTP server as example), then click **Apply.**

- **Name:** Enter a name for the rule (i.e. Web Server 1)
- **Local IP:** Specify the IP address of the device you are opening the port for.
- **Protocol:** Specify the traffic type (TCP or UDP). If you are not sure, choose **BOTH.**
- **External/Internal Port:** Enter the port number you want to open (i.e. 21, for FTP)



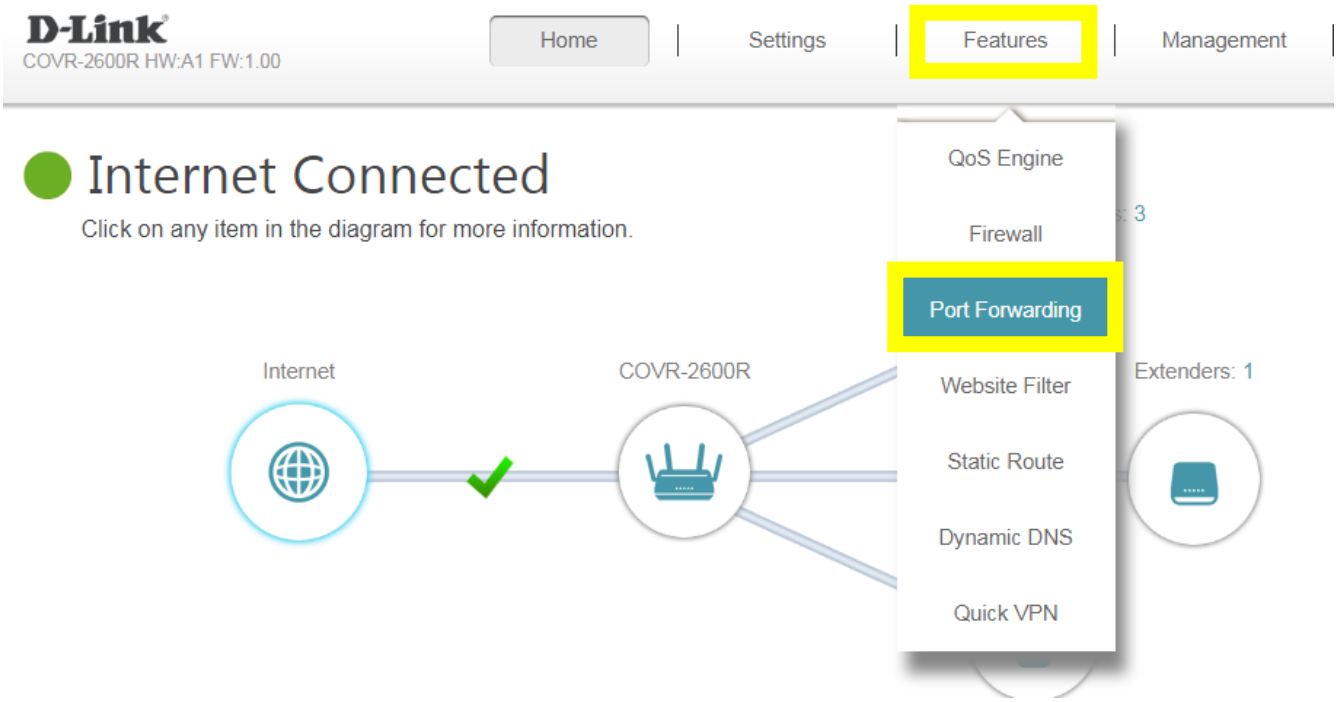
Step 4: When you are finished adding your rule(s), click **Save**.



Scenario 2: Multiple Ports:

Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

Step 1: Click **Feature** -> **Port Forwarding**

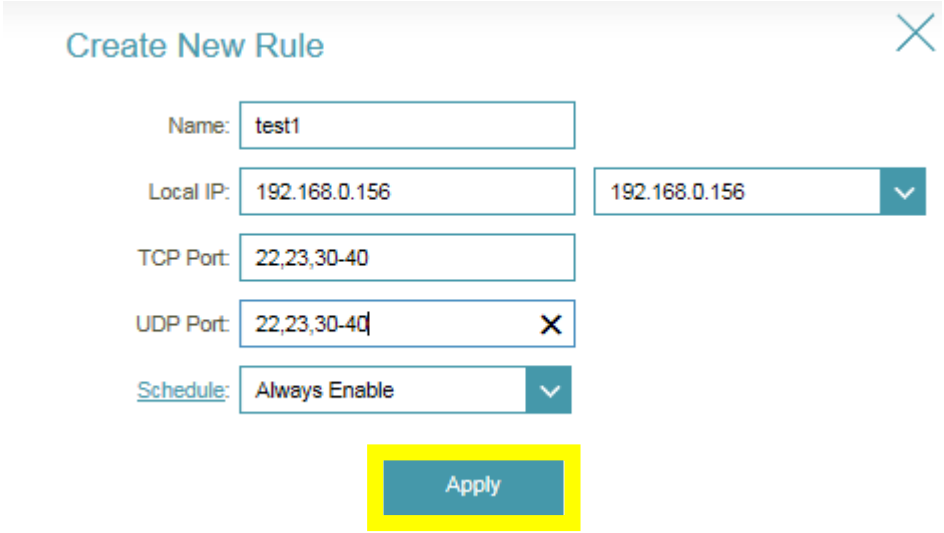


Step 2: Click **Add Rule**

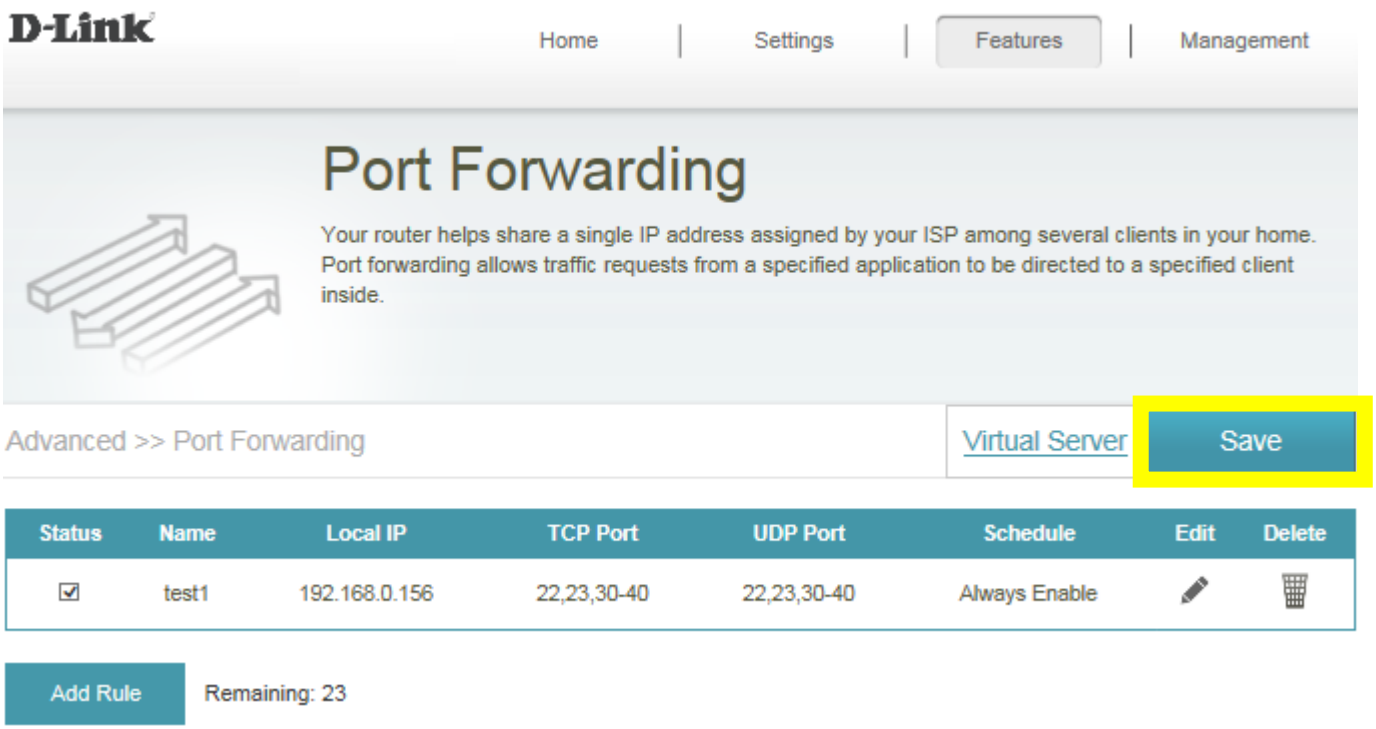
Step 3: Enter the necessary information, then click **Apply**:

- **Name:** Enter a name for the rule (i.e. Web Server 1).
- **Local IP:** Specify the IP address of the device you are opening the port for.
- **TCP Port:** Enter the TCP port numbers you want to open.
- **UDP Port-** Enter the UDP port numbers you want to open.

Note: You can enter the ports in multiple different ways- Range (50-100) Individual (80, 68, 888) Mixed (1020-5000, 689).



Step 4: When you are finished adding your rule(s), click **Save.**

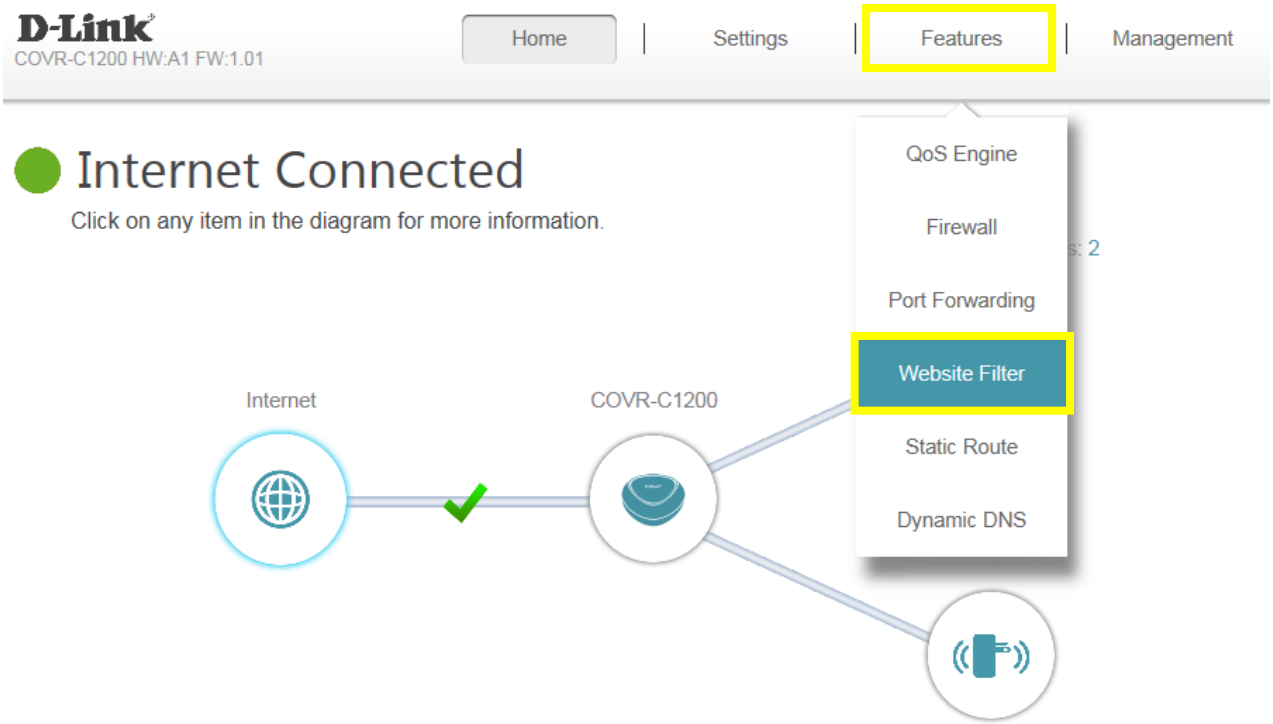


Website Filter Setting

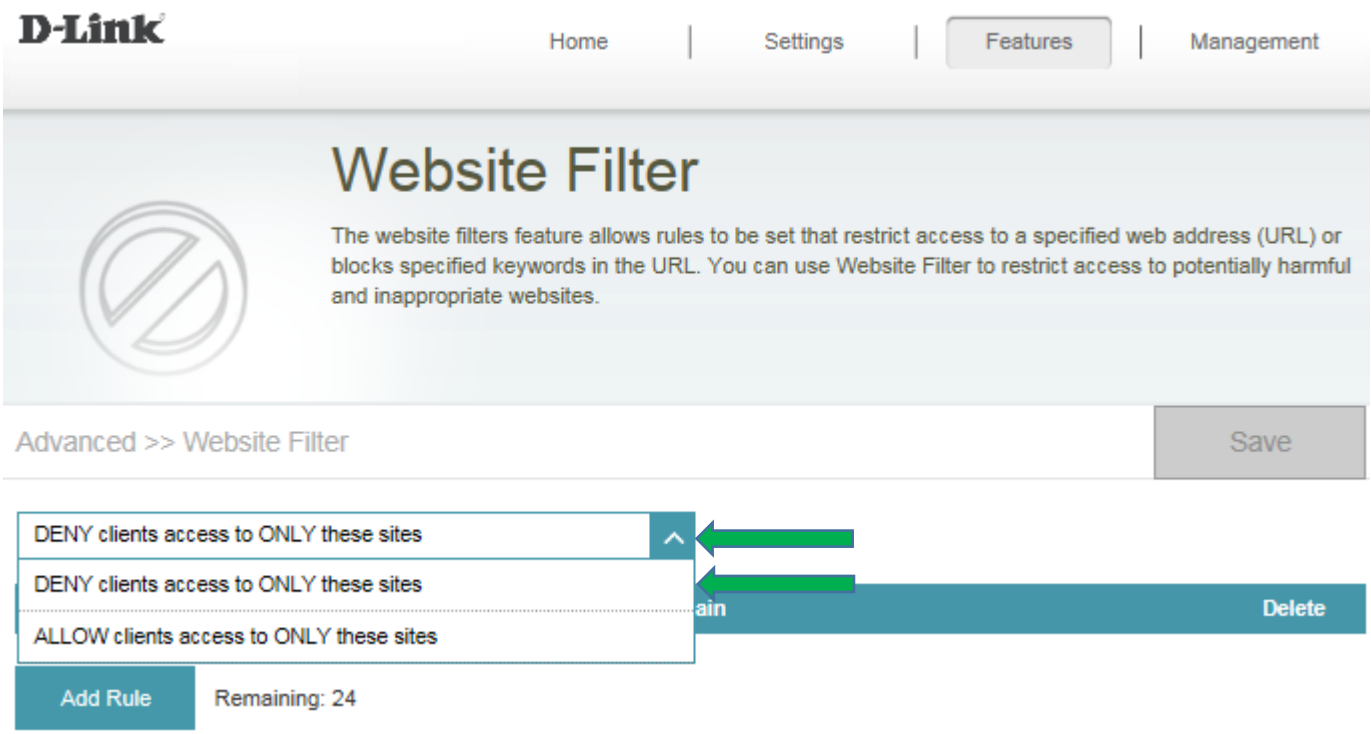
Q33: How do I set up a website filter on my router?

Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

Step 1: Click **Features** -> **Website Filter**

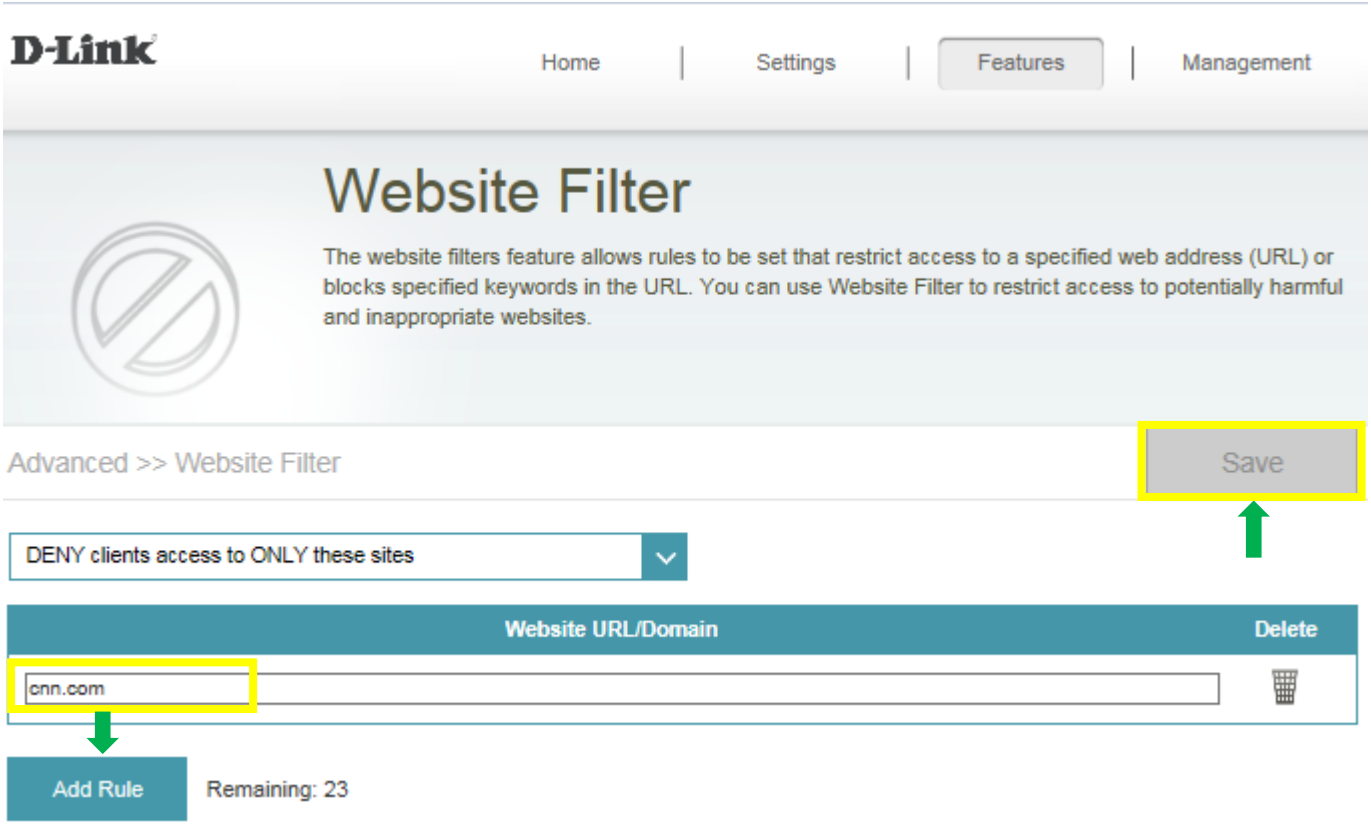


Step 2: If you want to create a list of sites to block, **select DENY clients access to ONLY these sites** from the drop-down menu. All other sites will be accessible.



If you want to specify a list of sites to allow, select **ALLOW clients access to ONLY these sites** from the drop menu. All other sites will be blocked.

Step 3: To add a new site to the list, click **Add Rule** and enter the URL or domain you wish to deny or allow access to in the Website URL/Domain column. When you are finished adding your rule(s), click **Save**.



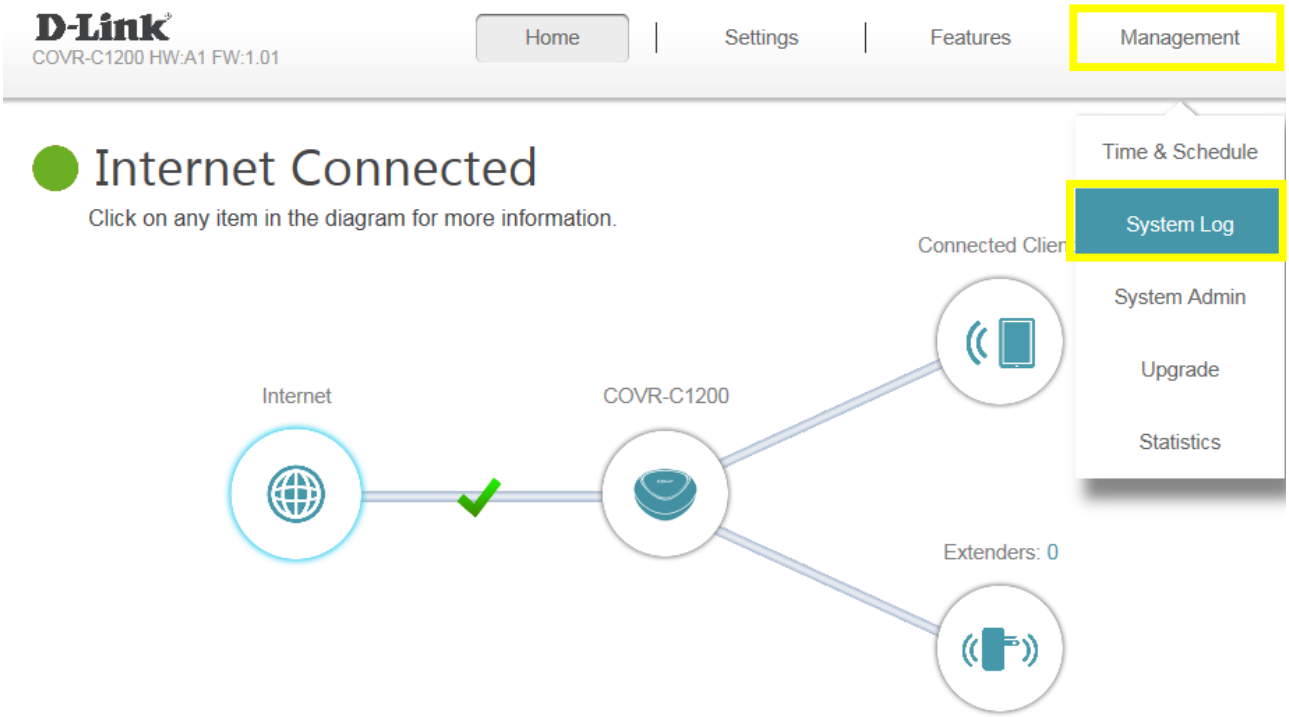
Note:

1. If you wish to delete a rule, click on its trash can icon in the Delete column. If you wish to edit a rule, simply replace the URL or domain.
2. **The https websites such as Facebook, Youtube, Amazon, etc cannot be blocked by the website filter. To block these, you may need to apply for an OpenDNS paid service.**
   The apply for an OpenDNS account, please visit https://www.opendns.com/setupguide/. A 15 day free trial is available. Sign up for new account and follow the setup guide on how to establish the service.
   Note: Please confirm if DNS relay is enabled. By default, this should be enabled.

System Log & Statistics

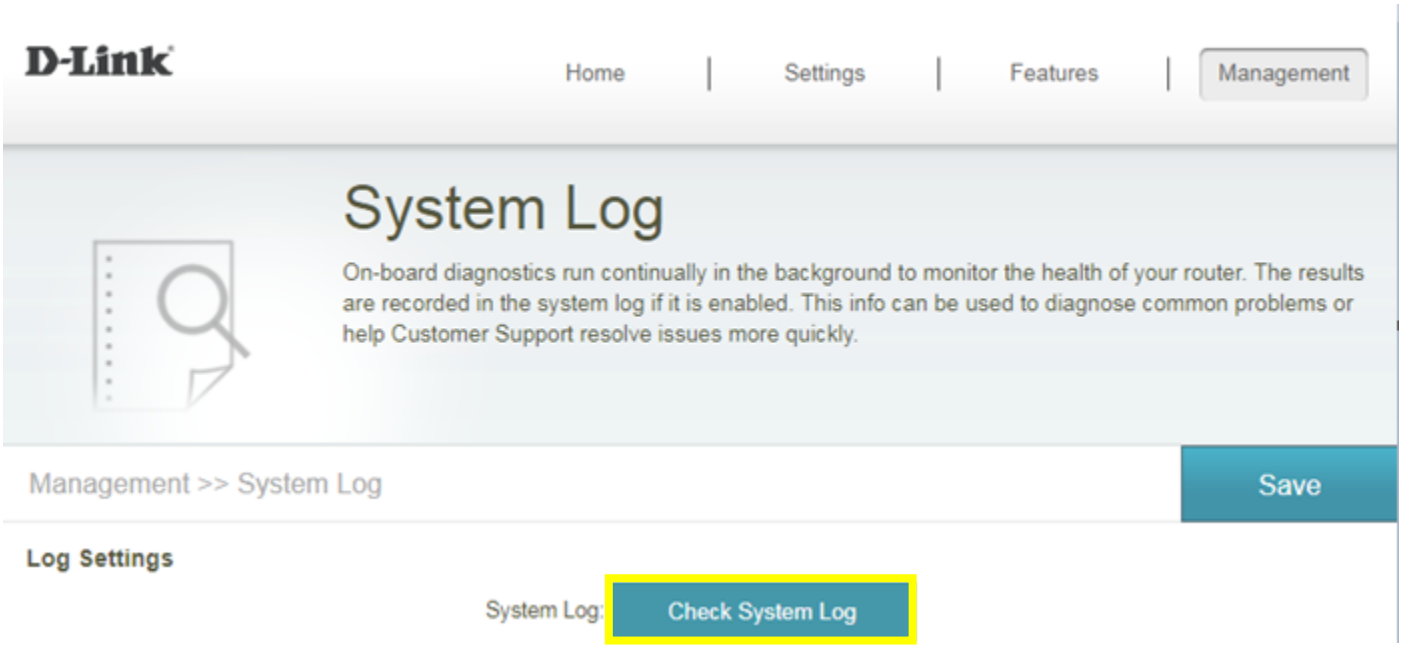
Q34: How do I check the system log of my router?

There are 3 methods to check the system log of the router. Select **Management** -> **System Log**, and follow the methods as below:



Method 1: Log Settings

Step 1: Click **Check System Log** button, and download the file "**messages**" to your local hard drive.



Step 2: Open the messages using a text editor such as WordPad or NotePad to the check system log.

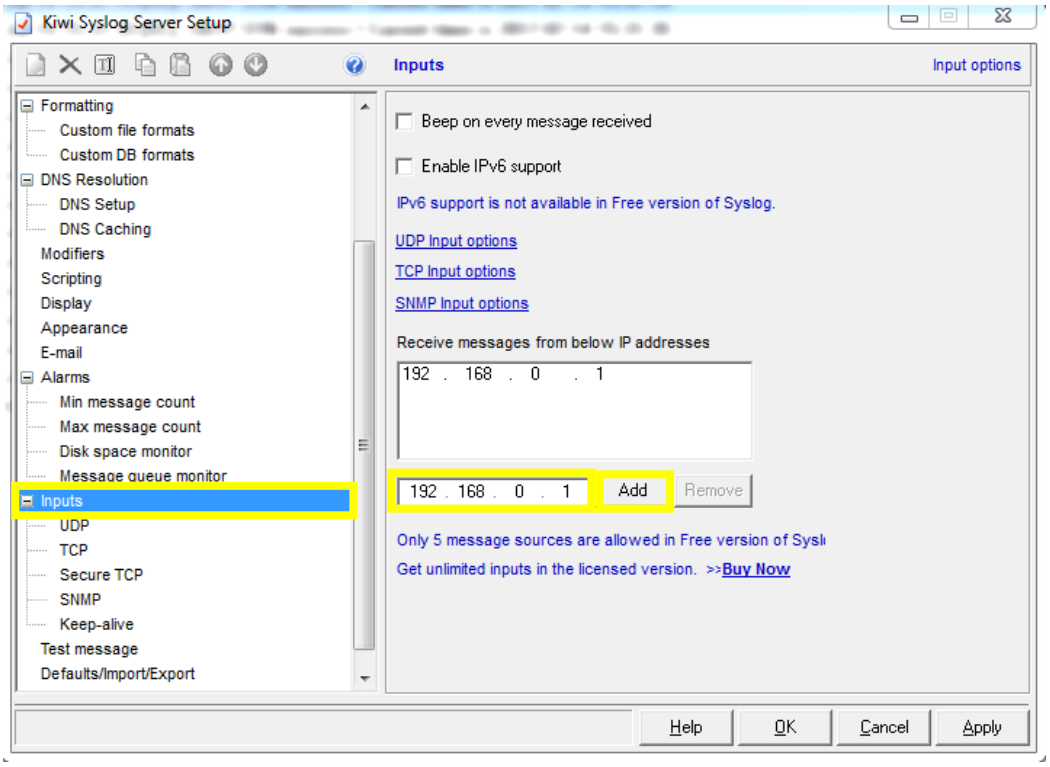
```
Feb 20 23:37:13 prog-cgi[2215]: security.c:AUTH_CheckSessionHandler:1593:--
AUTH_CheckSessionHandler:Success--
Feb 20 23:37:13 prog-cgi[2215]: security.c:portal:1977:wp->method = POST
Feb 20 23:37:13 prog-cgi[2215]: security.c:isNoCheckUrl:2105:wp->url:/HNAP1/
Feb 20 23:37:13 prog-cgi[2215]:
security.c:isNoCheckUrl:2106:soapaction:"http://purenetworks.com/HNAP1/GetWanStatus"
Feb 20 23:37:13 prog-cgi[2215]: security.c:isPostMethod:1607:method:POST,wp->url:/HNAP1/
Feb 20 23:37:13 prog-cgi[2215]:
security.c:AUTH_CheckHandler:1241:hnap_auth:361AE464C481B06133DC077E0578F112
1519141038644,soapaction:"http://purenetworks.com/HNAP1/GetWanStatus"
Feb 20 23:37:13 prog-cgi[2215]:
security.c:AUTH_CheckHandler:1283:auth_code_md5:361AE464C481B06133DC077E0578F112,
auth_code:361AE464C481B06133DC077E0578F112
Feb 20 23:37:13 prog-cgi[2215]: security.c:AUTH_CheckHandler:1289:AUTH_CheckHandler:
time : 1519141038644, timestamp : 1519141037645, webstime : 1519141038644
Feb 20 23:37:13 prog-cgi[2215]: security.c:timestampFaultRate:1191:webstime - timestamp =
faultlen : (1519141038644 - 1519141037645) = 999
Feb 20 23:37:13 prog-cgi[2215]: security.c:timestampFaultRate:1195:tmTime : 1519141038644
,tmTimeLast : 1519141037645
Feb 20 23:37:13 prog-cgi[2215]:
security.c:AUTH_CheckHandler:1292:AUTH_CheckHandler:Sucess
Feb 20 23:37:13 prog-cgi[2215]: security.c:websSecurityHandler:3109:nRet:0,urlPrefix:/,webDir:
Feb 20 23:37:13 prog-cgi[2215]:
form.c:websFormHandler:67:fn:0x436f38,formName:GetWanStatus
Feb 20 23:37:13 prog-cgi[2215]: modules/Internet.c:GetWanStatus:244:ret=3
Feb 20 23:37:13 prog-cgi[2215]:
```

Method 2: Syslog Settings

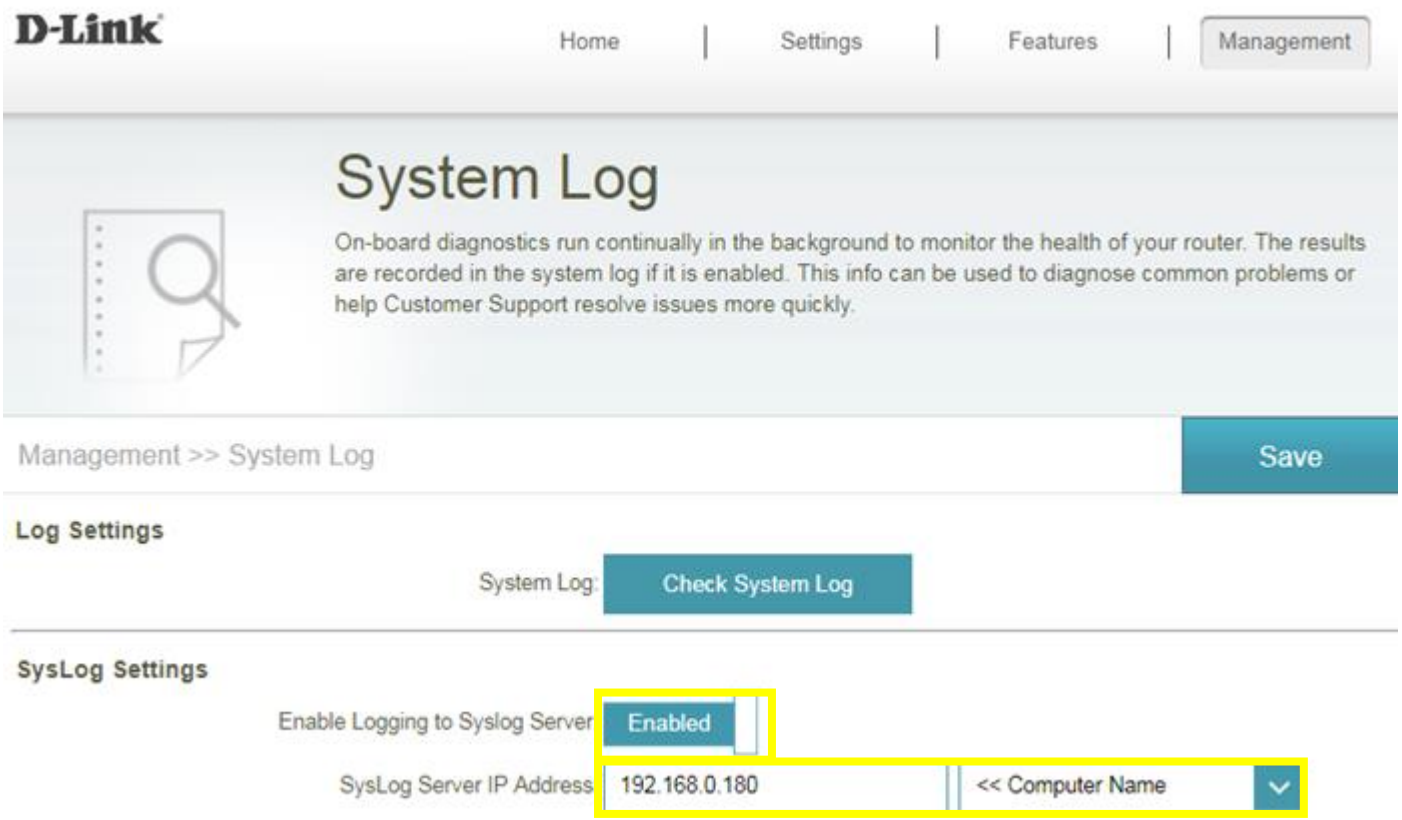
Step 1: Download a system log server application such as Kiwi Syslog Server:

http://www.kiwisyslog.com/free-tools/kiwi-free-syslog-server

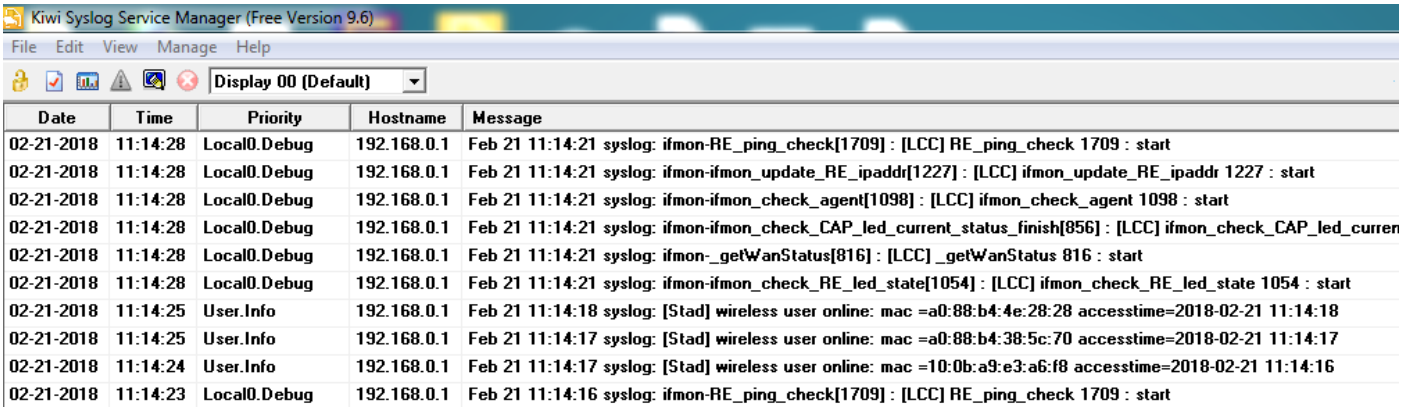
Step 2: Click **File** -> **Setup**, and fill in the IP address of your network device, then click **Add**:



Step 3: Enable "**Enable Logging to Syslog Server**", and fill in the IP address of the PC that has the Kiwi Syslog Server installed on it:



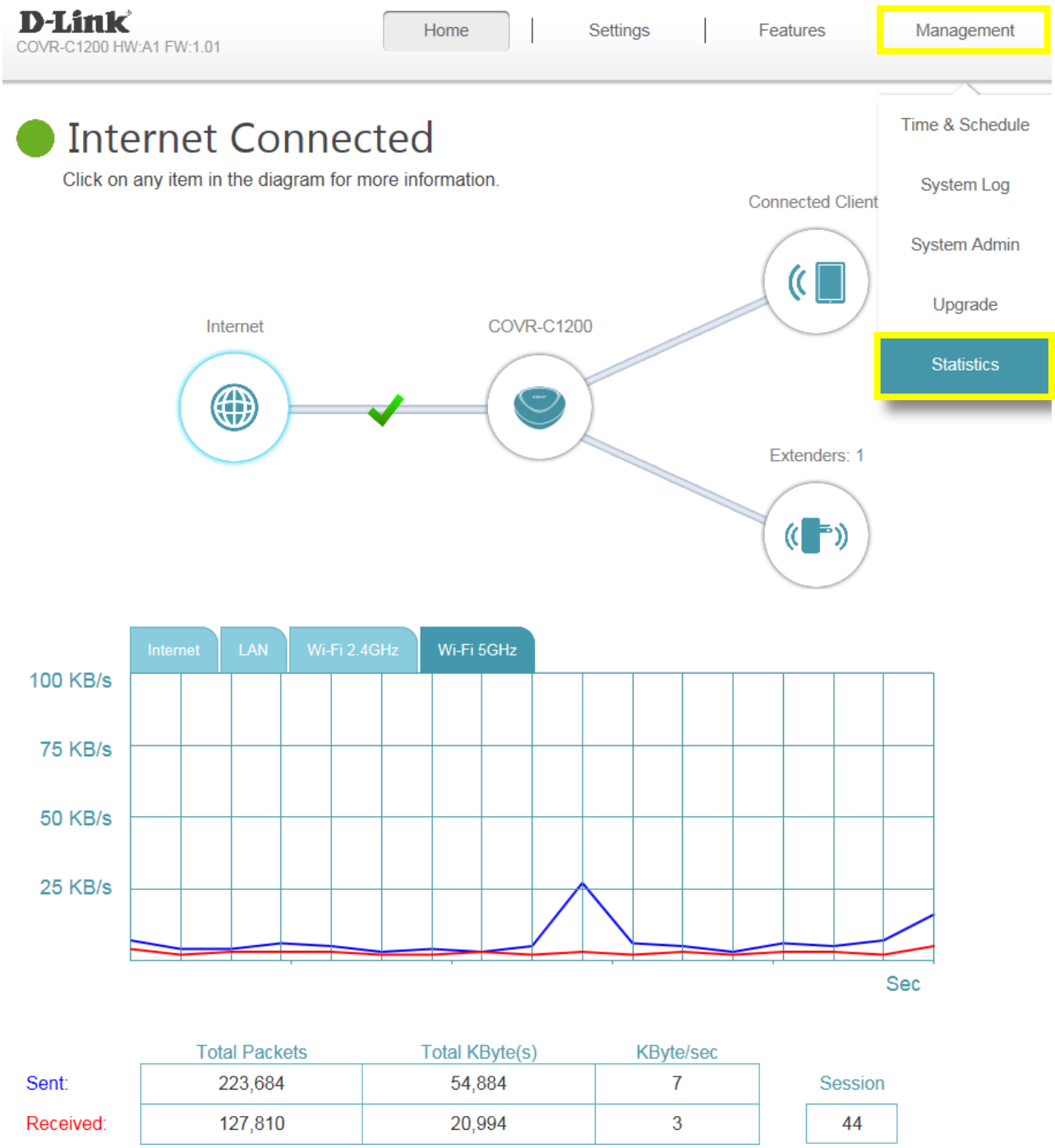
Step 4: You'll be able to check the real-time system log in Kiwi Syslog Service Manager as below:



Date	Time	Priority	Hostname	Message
02-21-2018	11:14:28	Local0.Debug	192.168.0.1	Feb 21 11:14:21 syslog: ifmon-RE_ping_check[1709] : [LCC] RE_ping_check 1709 : start
02-21-2018	11:14:28	Local0.Debug	192.168.0.1	Feb 21 11:14:21 syslog: ifmon-ifmon_update_RE_ipaddr[1227] : [LCC] ifmon_update_RE_ipaddr 1227 : start
02-21-2018	11:14:28	Local0.Debug	192.168.0.1	Feb 21 11:14:21 syslog: ifmon-ifmon_check_agent[1098] : [LCC] ifmon_check_agent 1098 : start
02-21-2018	11:14:28	Local0.Debug	192.168.0.1	Feb 21 11:14:21 syslog: ifmon-ifmon_check_CAP_led_current_status_finish[856] : [LCC] ifmon_check_CAP_led_curren
02-21-2018	11:14:28	Local0.Debug	192.168.0.1	Feb 21 11:14:21 syslog: ifmon-_getWanStatus[816] : [LCC] _getWanStatus 816 : start
02-21-2018	11:14:28	Local0.Debug	192.168.0.1	Feb 21 11:14:21 syslog: ifmon-ifmon_check_RE_led_state[1054] : [LCC] ifmon_check_RE_led_state 1054 : start
02-21-2018	11:14:25	User.Info	192.168.0.1	Feb 21 11:14:18 syslog: [Stad] wireless user online: mac =a0:88:b4:4e:28:28 accesstime=2018-02-21 11:14:18
02-21-2018	11:14:25	User.Info	192.168.0.1	Feb 21 11:14:17 syslog: [Stad] wireless user online: mac =a0:88:b4:38:5c:70 accesstime=2018-02-21 11:14:17
02-21-2018	11:14:24	User.Info	192.168.0.1	Feb 21 11:14:17 syslog: [Stad] wireless user online: mac =10:0b:a9:e3:a6:f8 accesstime=2018-02-21 11:14:16
02-21-2018	11:14:23	Local0.Debug	192.168.0.1	Feb 21 11:14:16 syslog: ifmon-RE_ping_check[1709] : [LCC] RE_ping_check 1709 : start

Q35: How do I check network statistics for my router?

Click **Management** -> **Statistics.** An interactive diagram of all the transmitted and received packets (via Internet, LAN or the 2.4G/5G Wi-Fi bands) will be displayed:



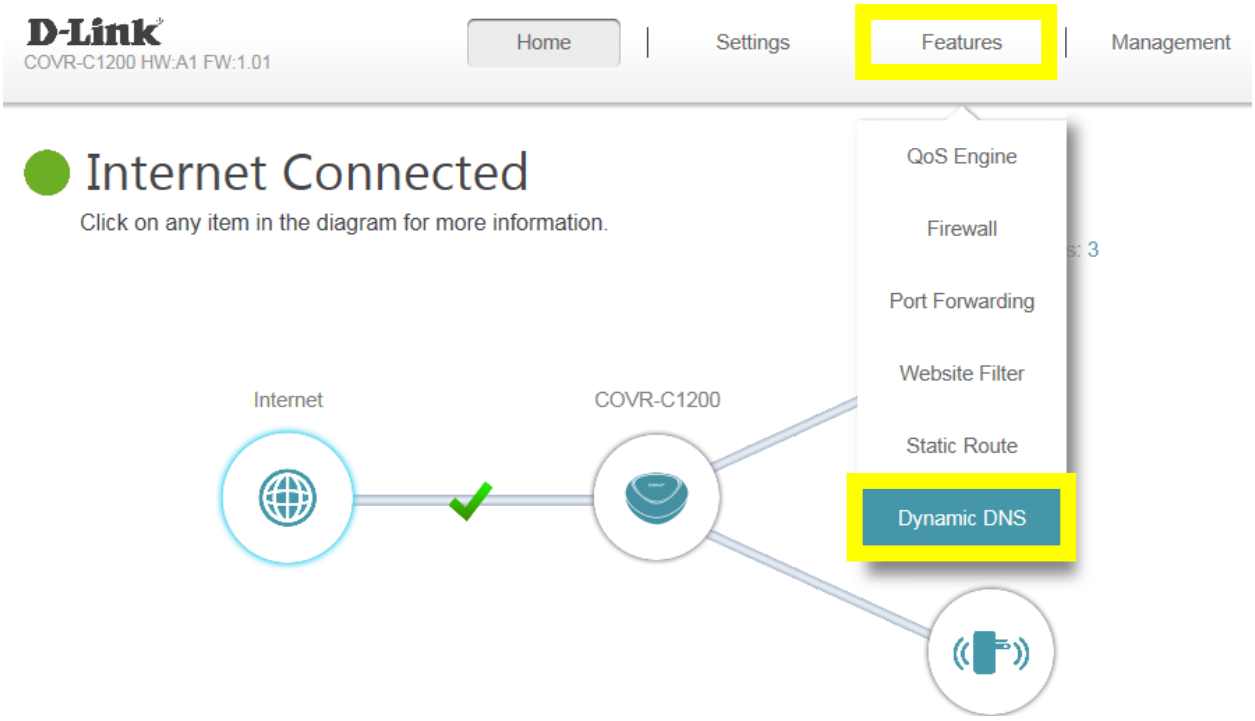
	Total Packets	Total KByte(s)	KByte/sec	Session
Sent:	223,684	54,884	7	44
Received:	127,810	20,994	3	

DNS/DDNS

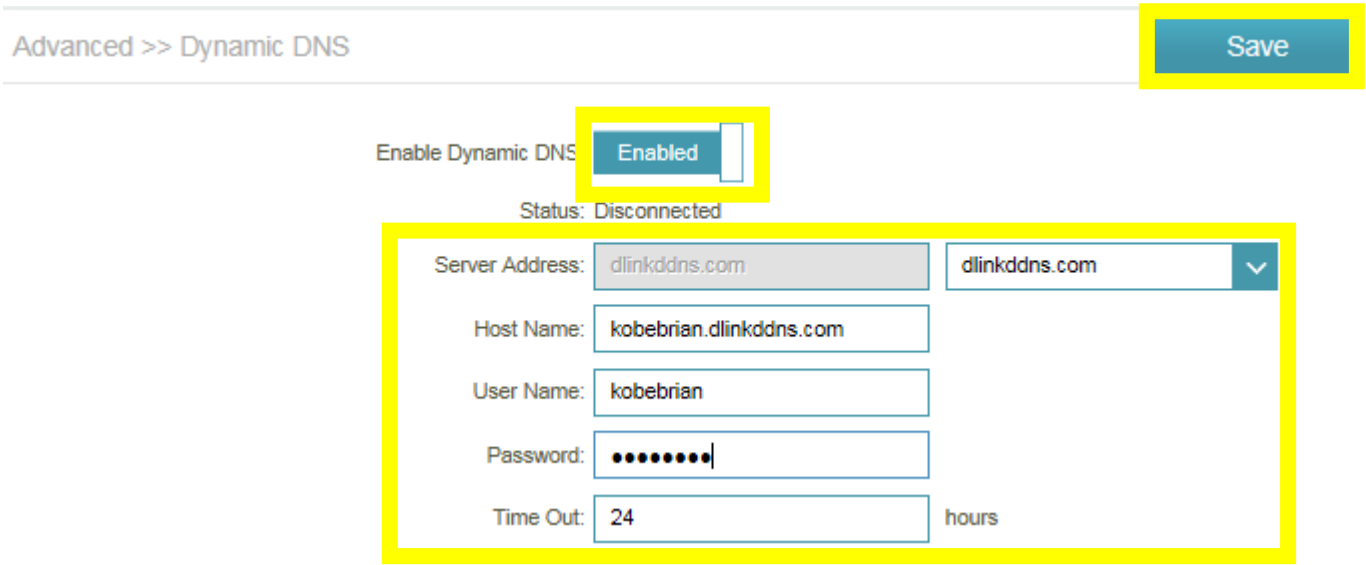
Q36: How do I configure Dynamic DNS on my router?

Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

Step 1: Click **Features** -> **Dynamic DNS**

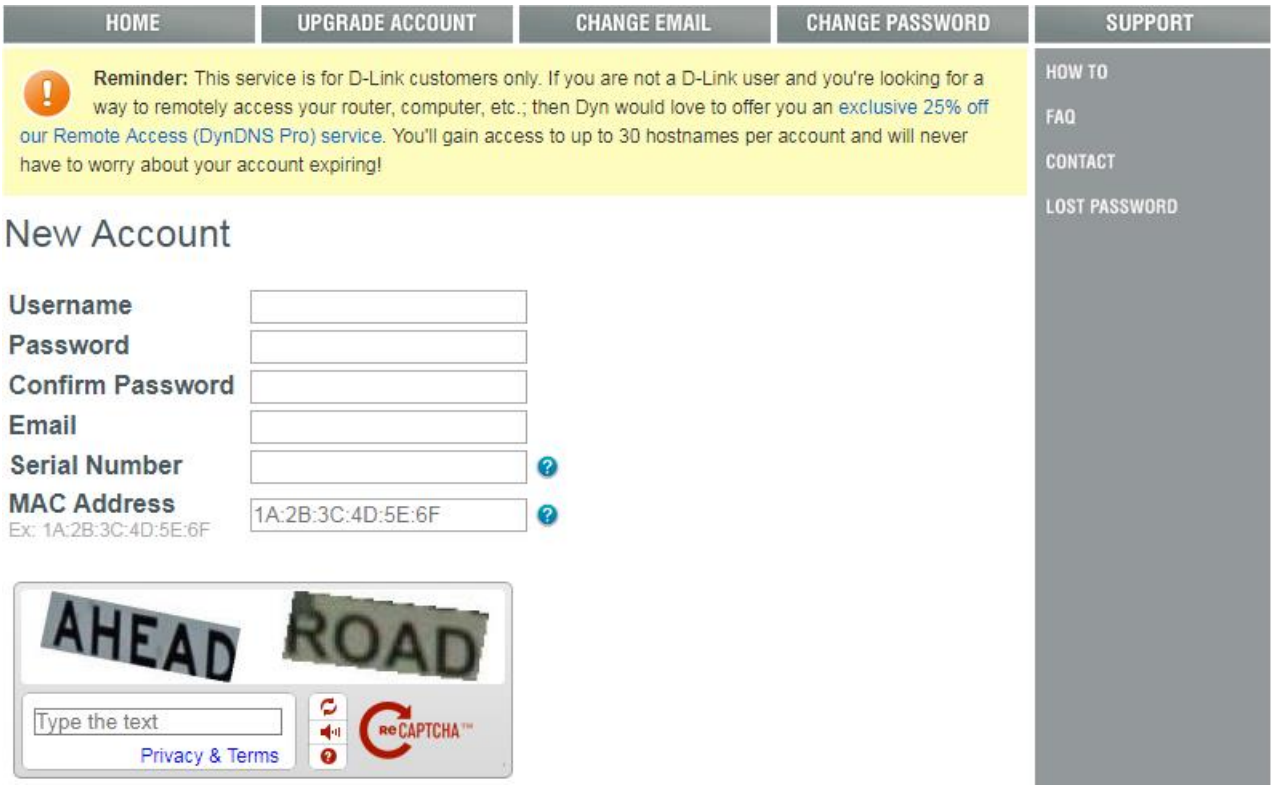


Step 2: Enable **Dynamic DNS**, and enter your Dynamic DNS account information, then click **Save**:



Note:

1. To register for the dlinkddns service, please visit: https://www.dlinkddns.com/signin/, then fill in the required information.



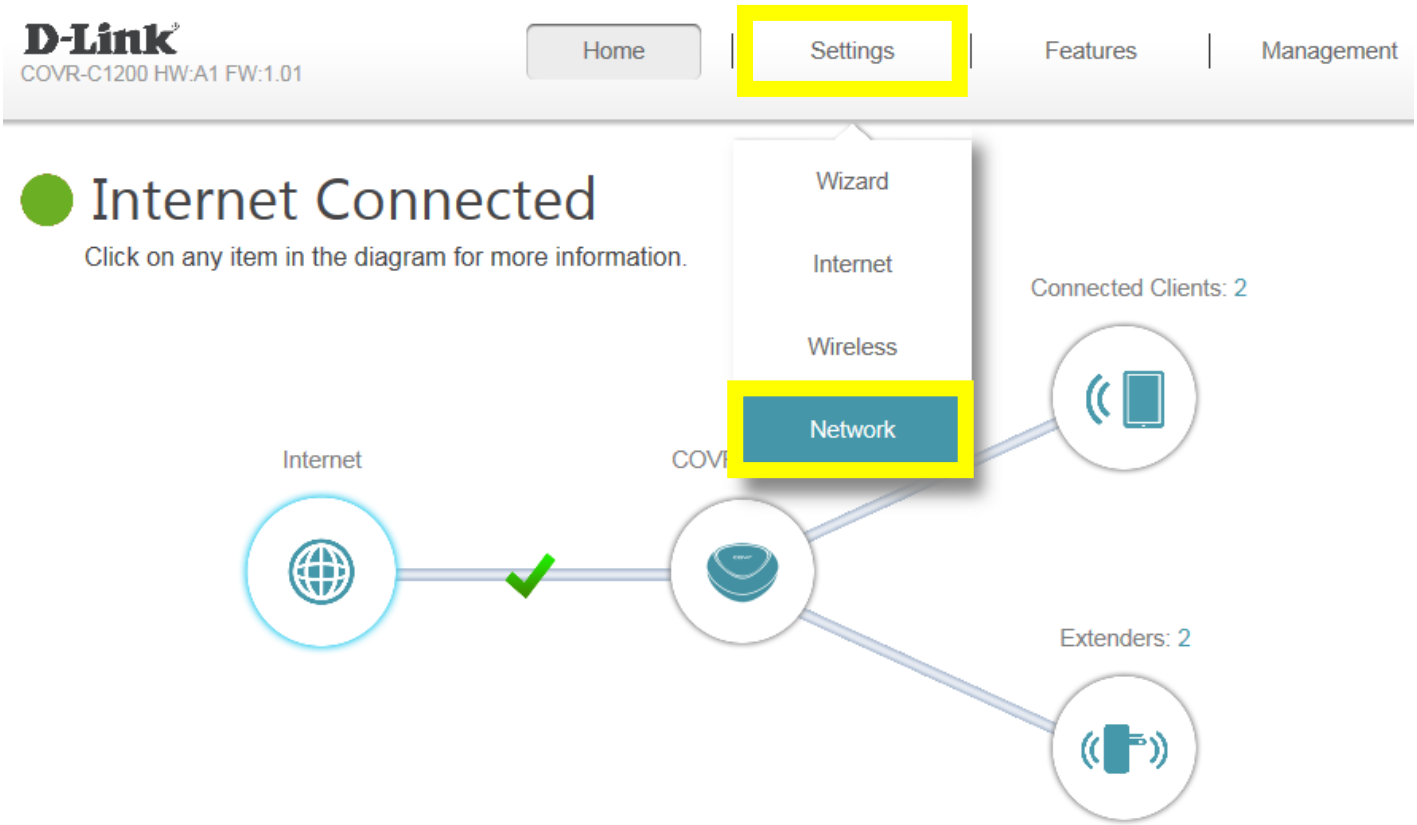
2. If need to access your router remotely, please follow below steps:
   (1) Make sure if remote management is enabled. How to enable remote management?
   (2) If using a PC connecting to the remote network, type in http://<HostName>:PortNum, then you could access your router. (For this case, type in http://kobebrian.dlinkddns.com:8080)

Q37: How do I disable DNS relay?

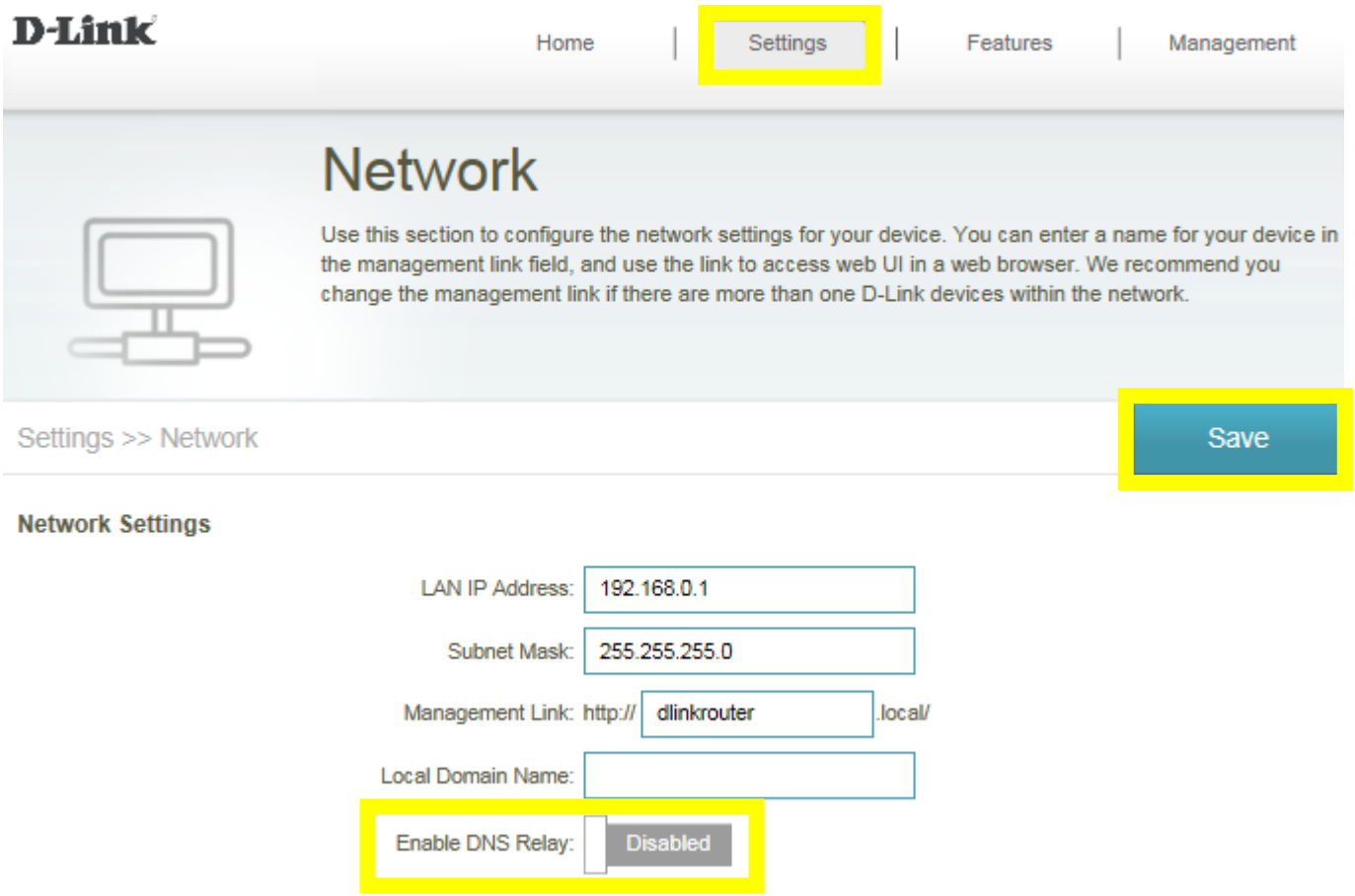
If you enable DNS relay, your connected devices will use the router as a DNS server.

Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

Step 1: Click **Settings** -> **Network**



Step 2: Click to disable DNS Relay, then click **Save.**

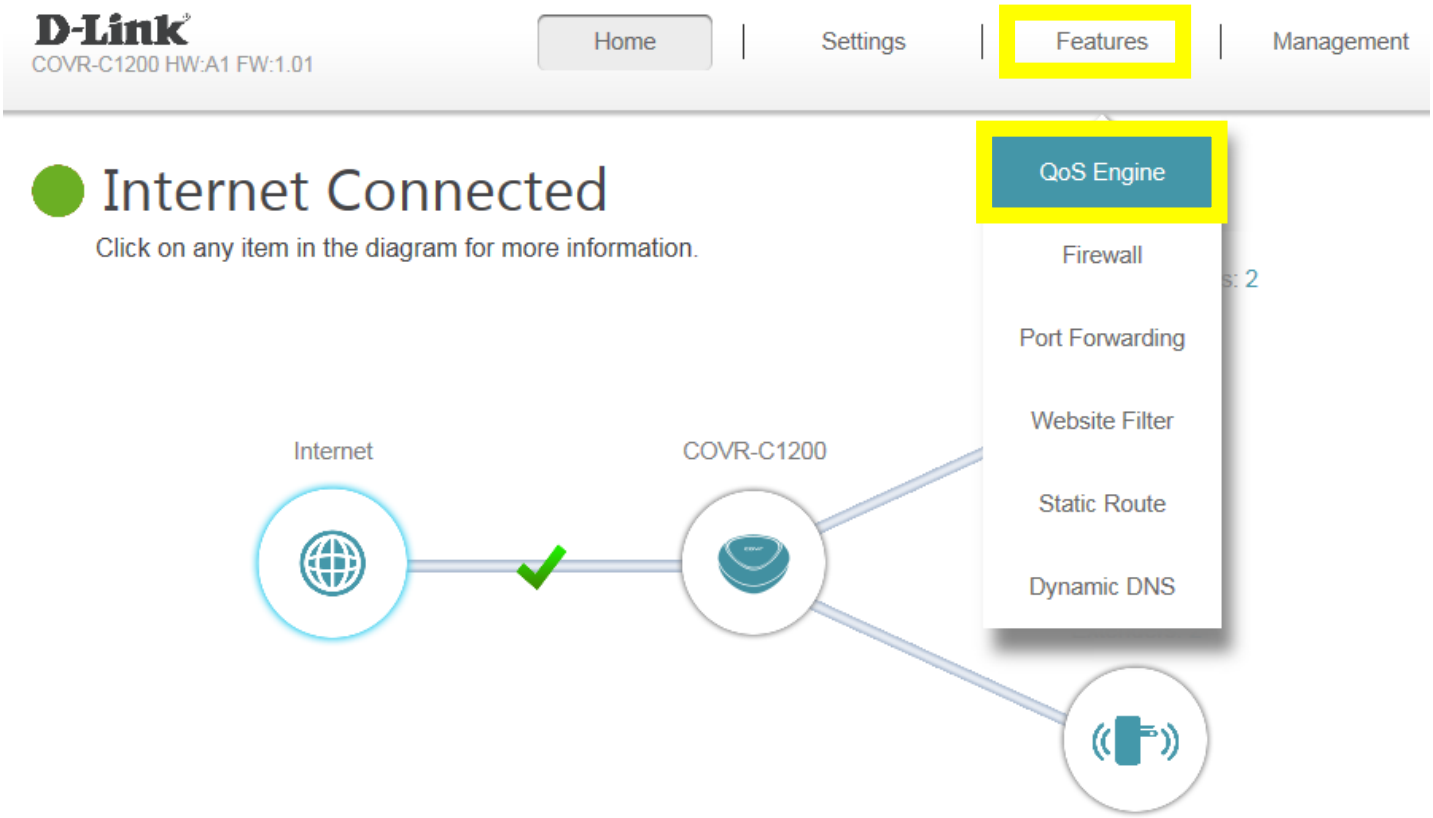


QoS Setting

Q38: How do I configure QoS on my router?

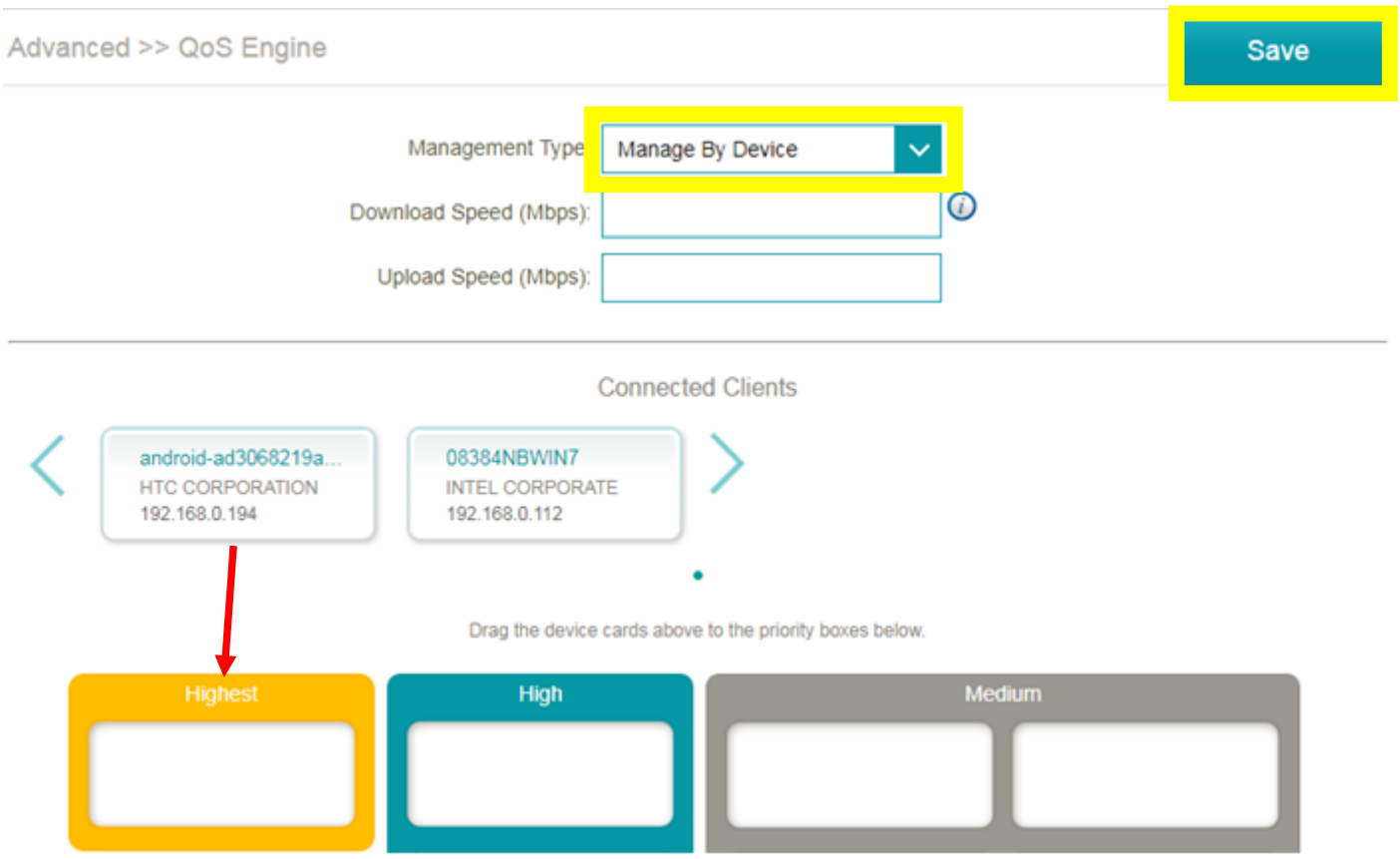
Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

Step 1: Click **Features** -> **QoS Engine**



Step 2: Set the **Management Type** to **Manage By Device**. To assign a priority level to a device, drag the device card from the **Connected Clients** list to an empty slot and release the mouse button. The card will move to the priority slot. If you want to remove a priority assignment from a device and return it to the Connected Clients list, click the cross icon in the top-right of the device card.

- A maximum of one device can be assigned **Highest** priority.
- A maximum of one device can be assigned **High** priority.
- A maximum of two devices can be assigned **Medium** priority.



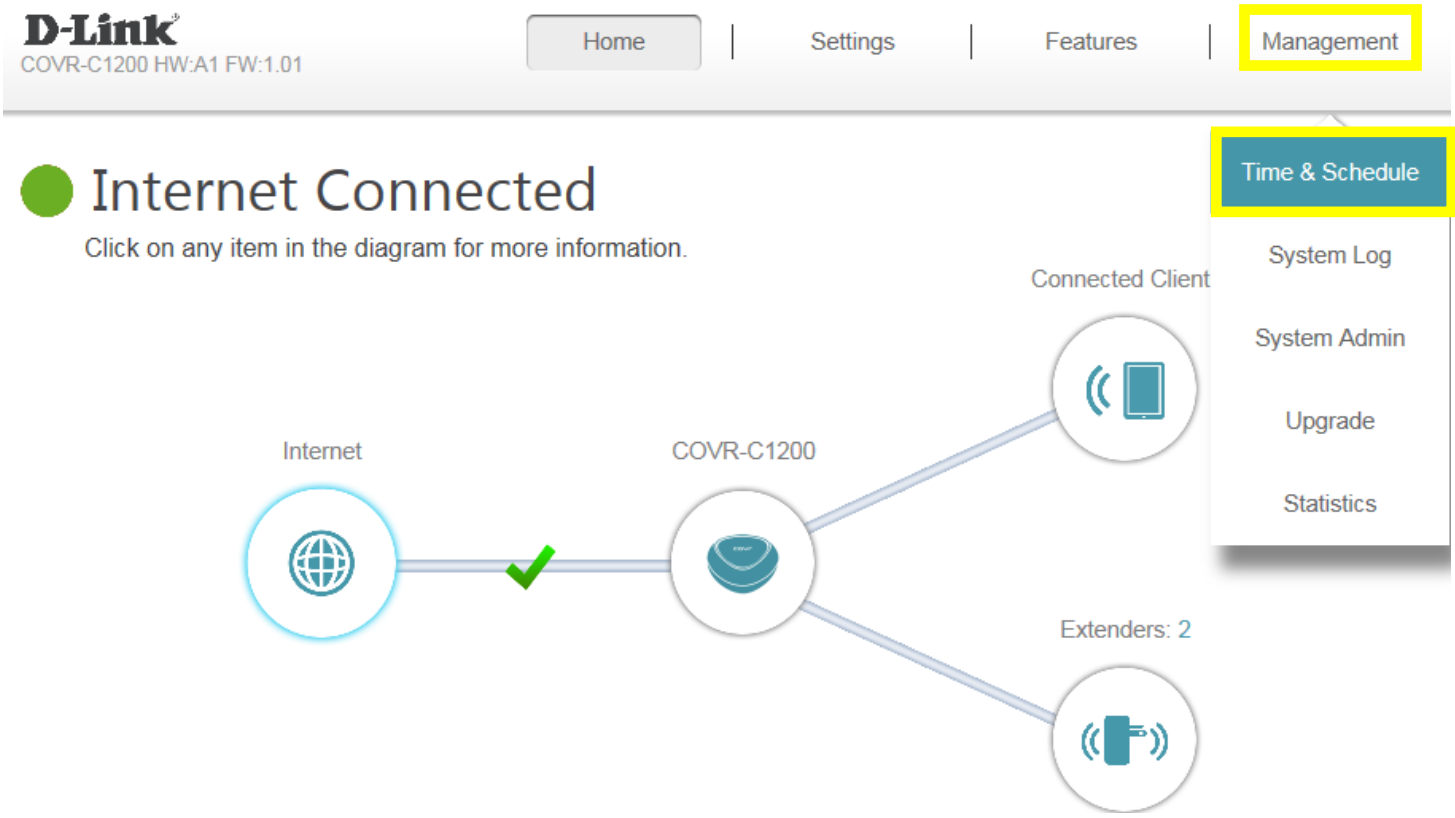
Step 3: Click **Save** to apply your settings.

Time/Schedule

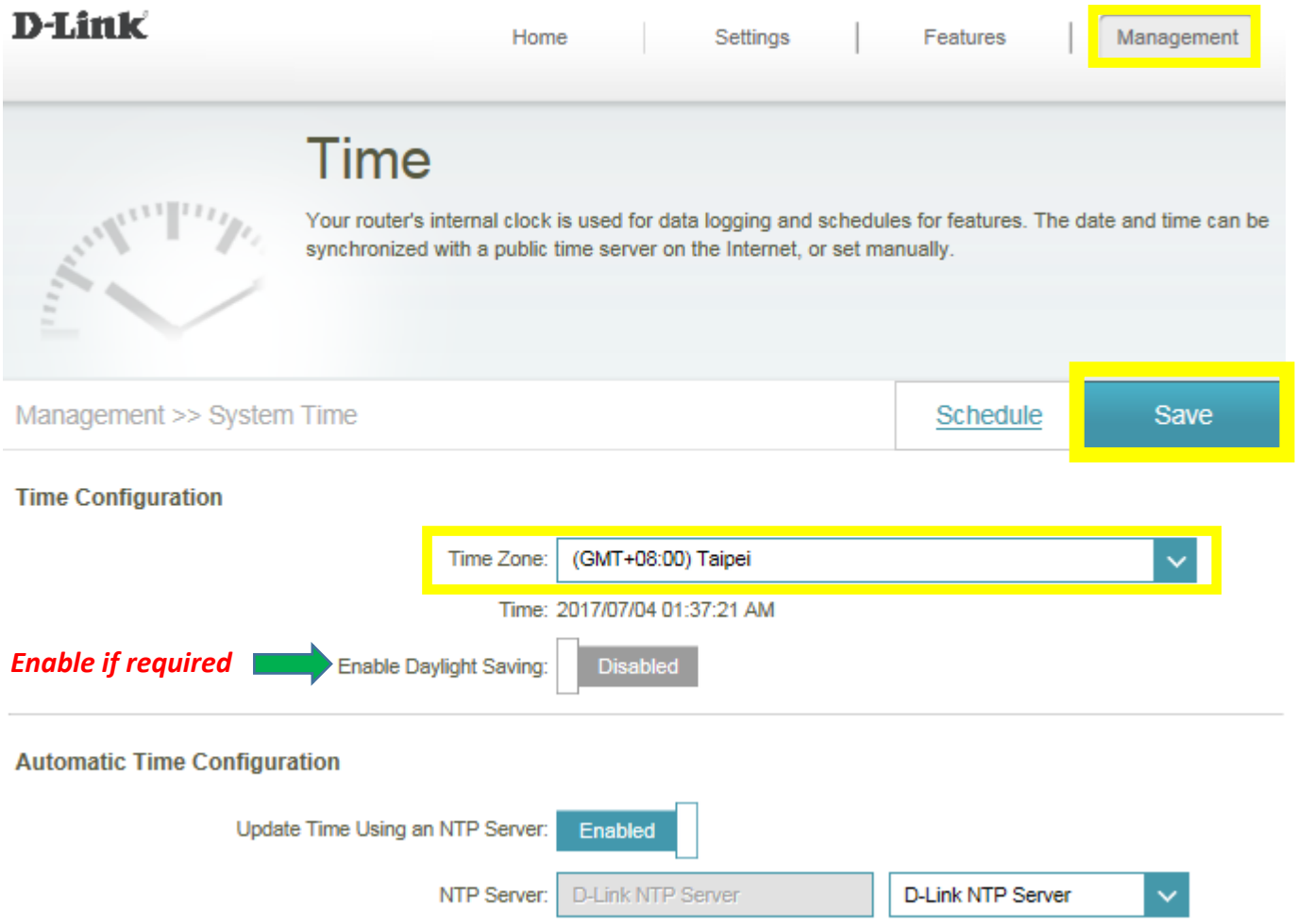
Q39: How do I configure the time on my router?

Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

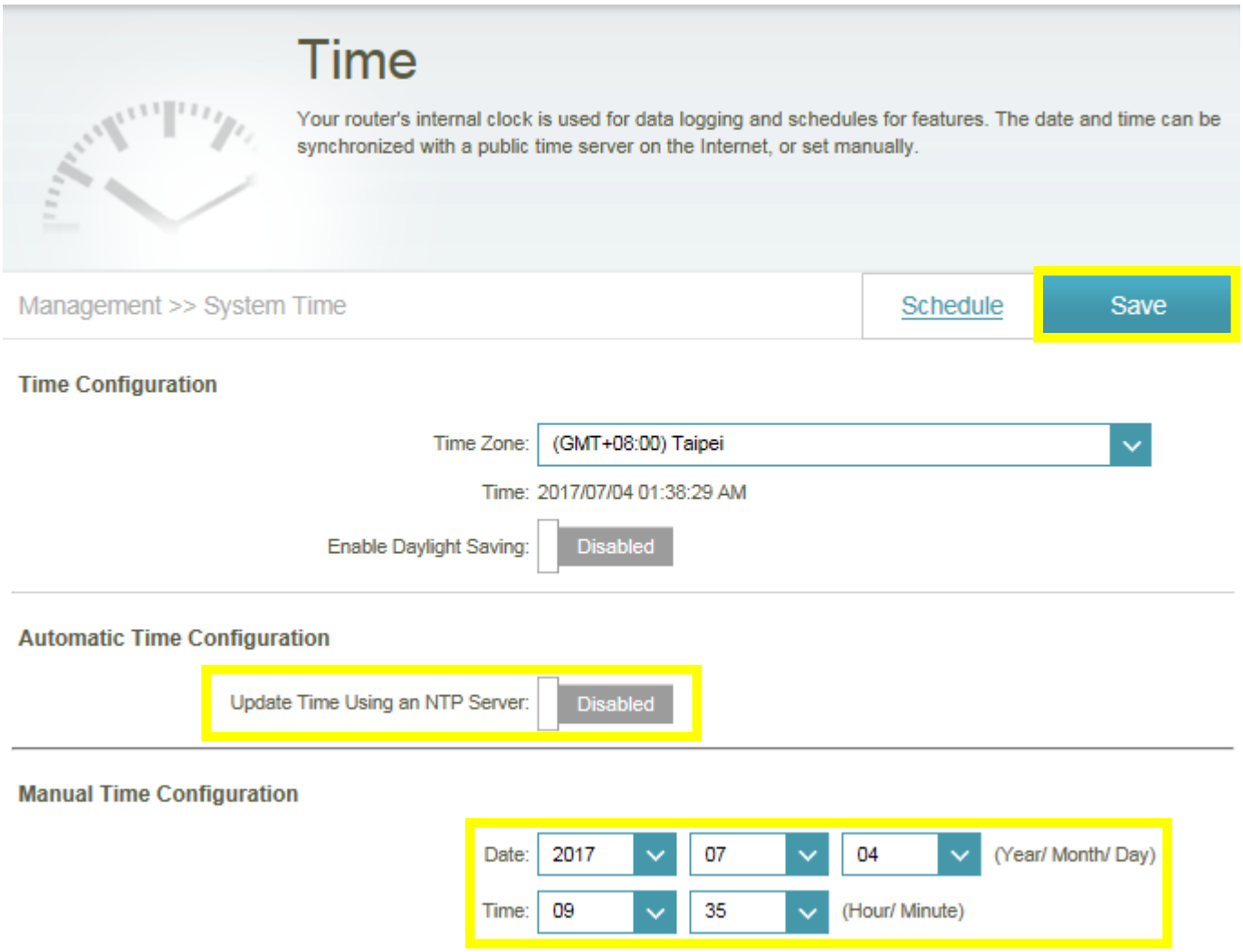
Step 1: Click on the **Maintenance ->** **Time & Schedule**



Step 2: By default, the D-Link NTP server is enabled. Select a time zone from the drop-down menu to synchronize the time with the selected region and enable daylight saving time if necessary. Click **Save** when you are done.



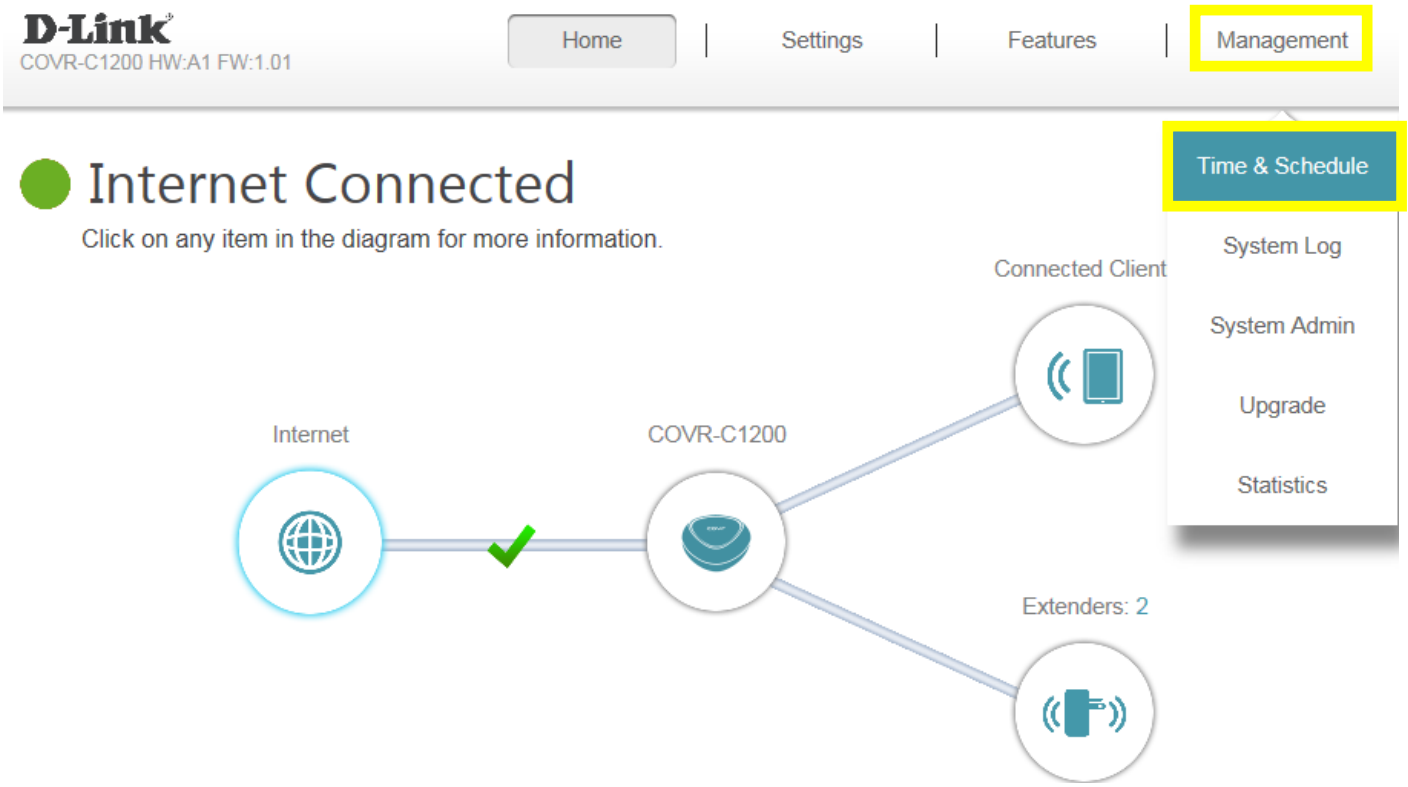
Note: To manually specify the time, disable **Update Time Using an NTP Server**, then manually adjust time as needed using the drop-down menus. Click **Save** when you are done.



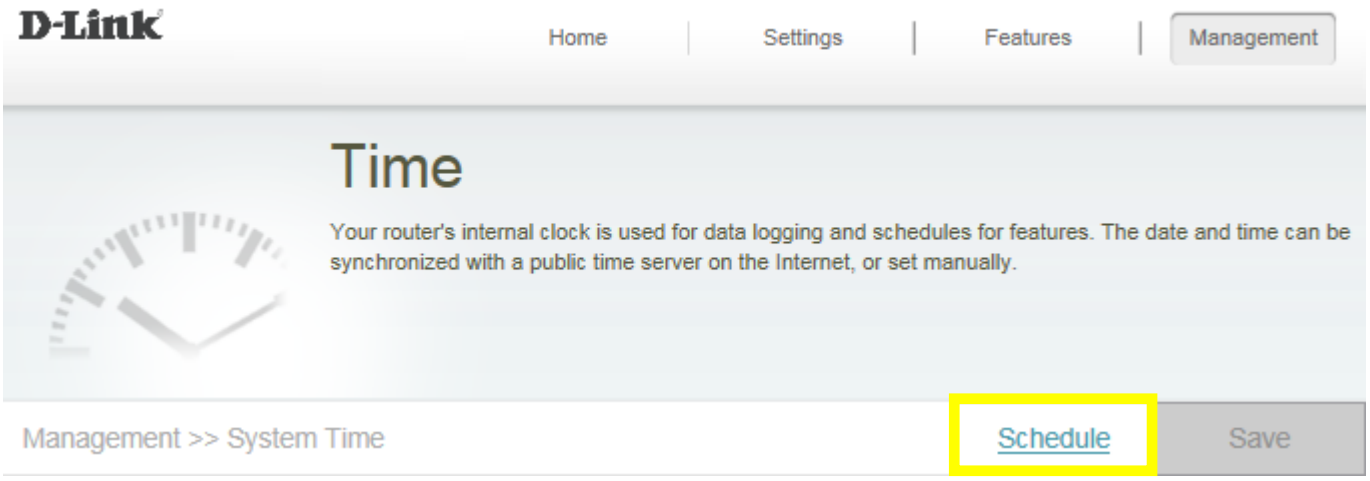
Q40: How do I create a schedule on my router?

Please launch your browser and enter http://covr.local./ into the address bar. Then login and follow the steps below:

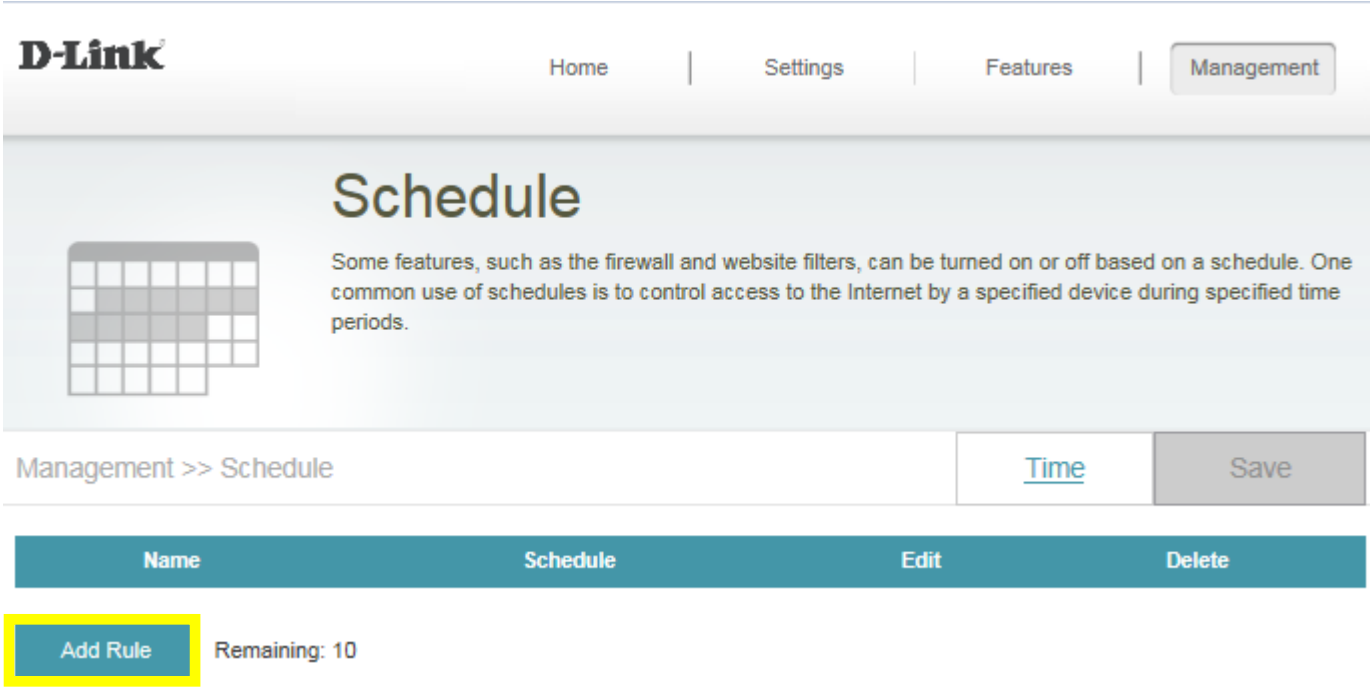
Step 1: Click on the **Maintenance** -> **Time & Schedule**



Step 2: Click **Schedule**:



Step 3: Click **Add Rule:**



Step 4: Create your Schedule and click **Apply.** The example below shows the scheduled time from 8:00-19:00. You can select up to one time period per day, for each day of the week.

Advanced Application

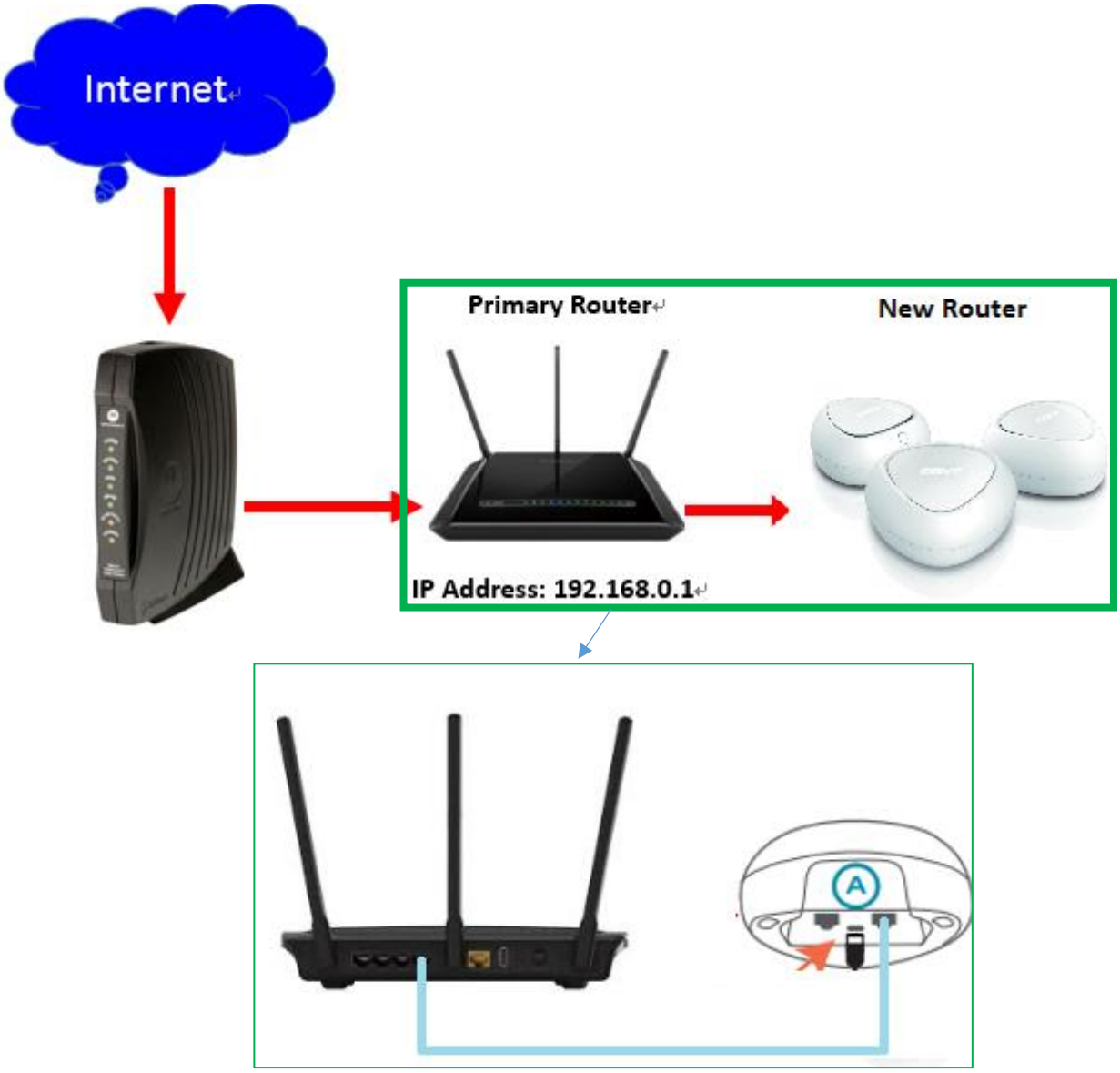
Q41: How do I connect two routers together?

Connecting multiple routers together may be necessary if you have one of the following conditions:

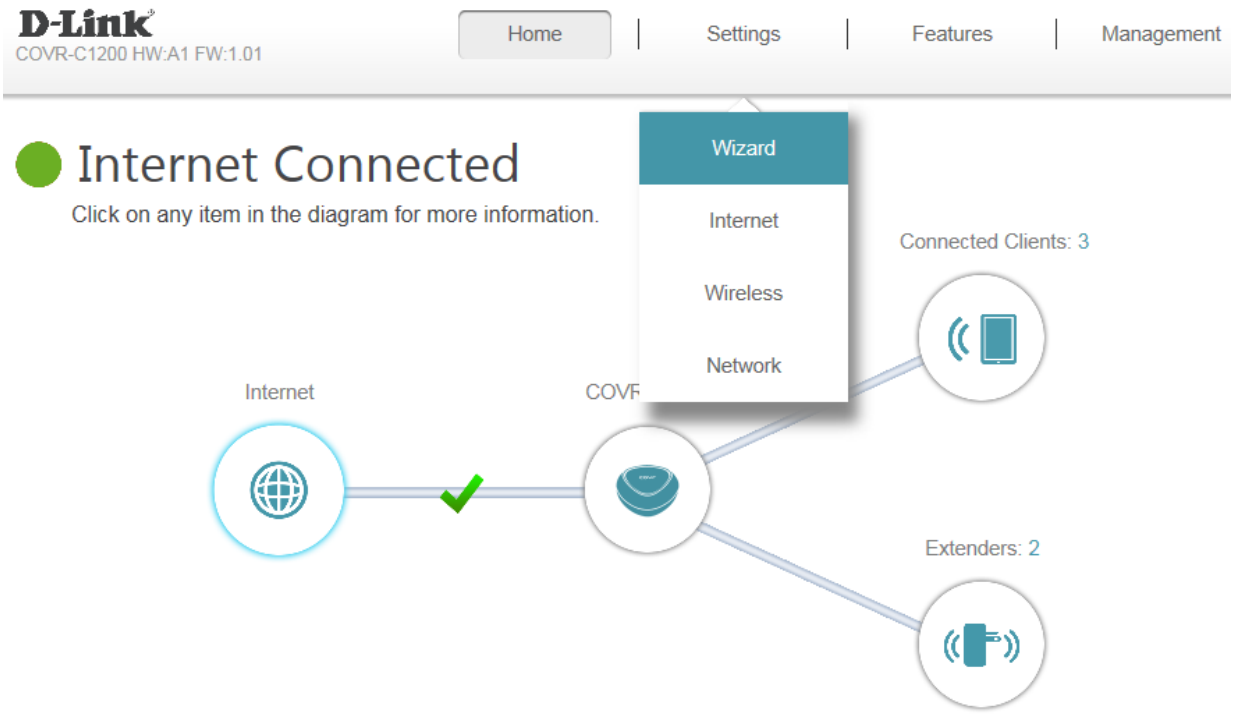
-Your Internet Service Provider (ISP) has provided you a modem/router (two-in-one) and you want to connect a new router to it.
-You want to expand the amount of Ethernet ports in your network (without a switch)
-You want to extend the range of the wireless signal in your home (by using the 2nd router as an access point)

Note: If you have already set up one specific port on the COVR router as the WAN port, please reset the device to the factory default settings.

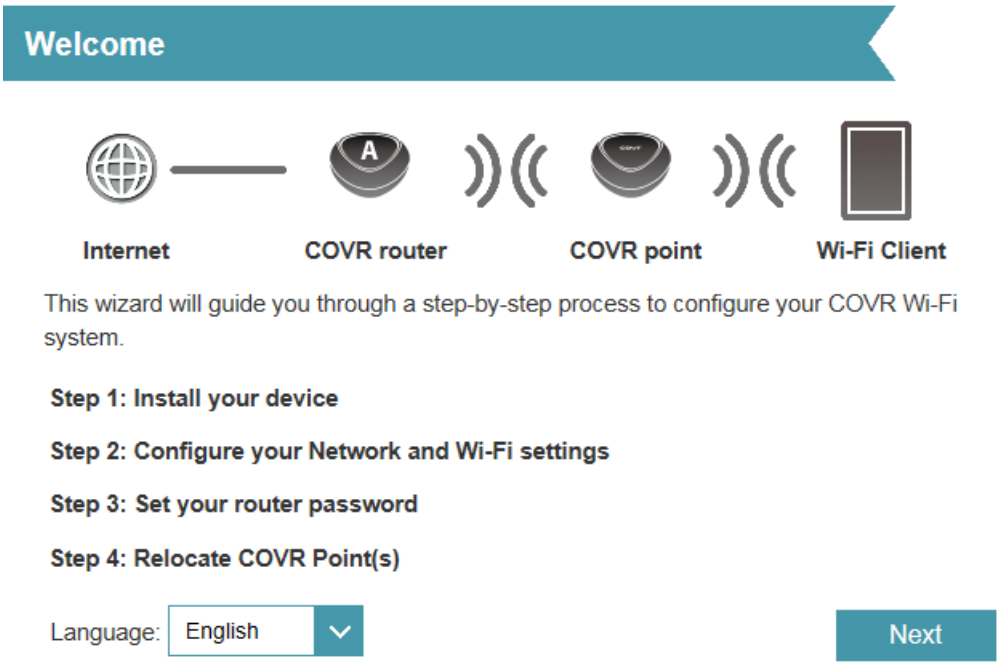
Step 1: Connect your Covr Router (Covr Point A) to the LAN port of the primary router (either port 1 or 2 is fine):



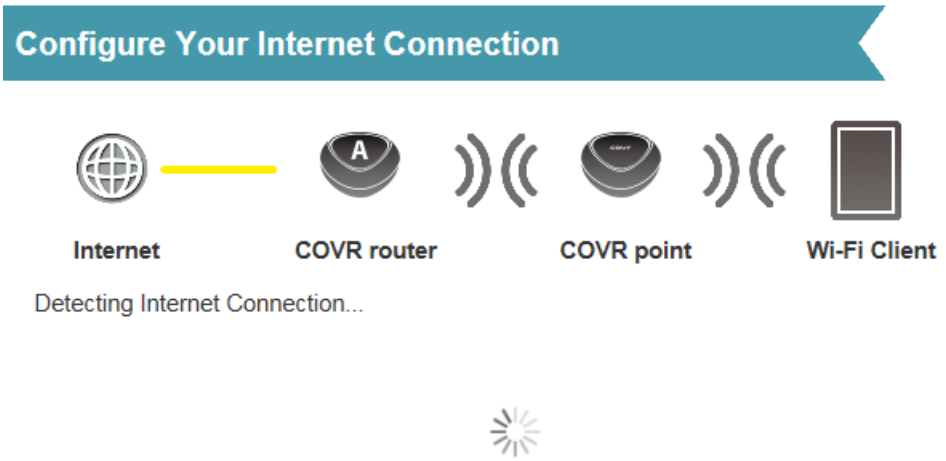
Step 2: Please launch your browser and enter http://covr.local./ into the address bar, then launch the Setup Wizard (if it was reset to factory default settings, the Setup Wizard will be automatically start):



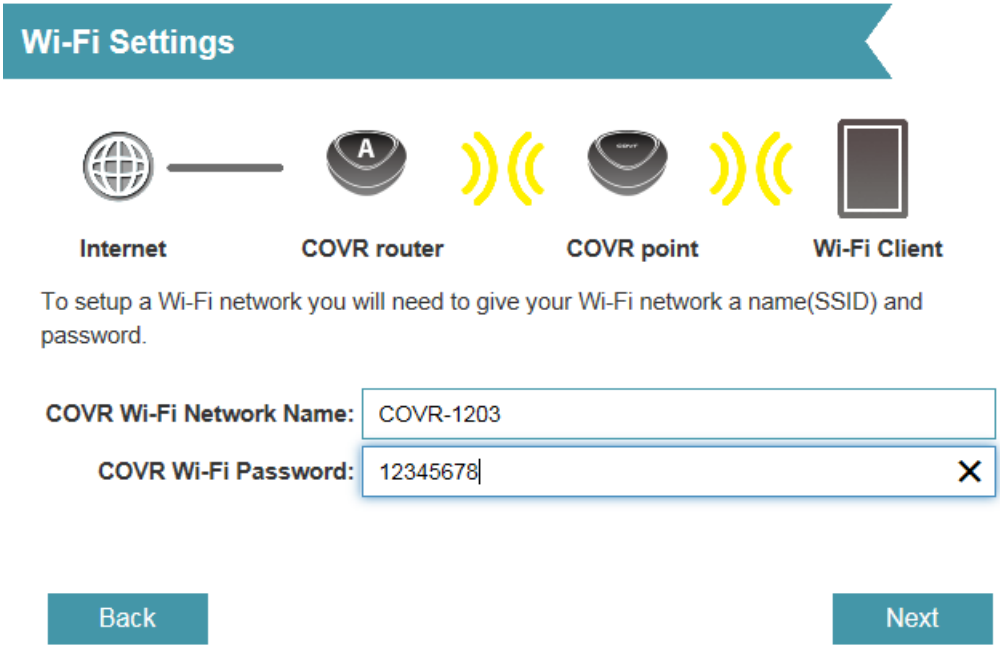
Step 3: Start the setup process, click **Next** to continue:



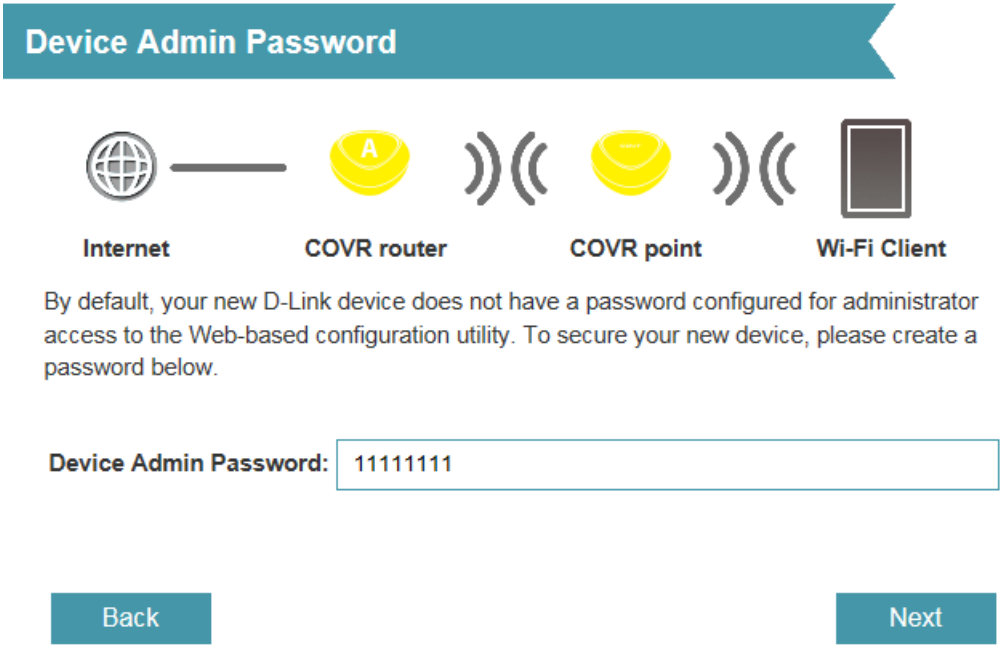
Step 4: Wait while the device detects your Internet connection:



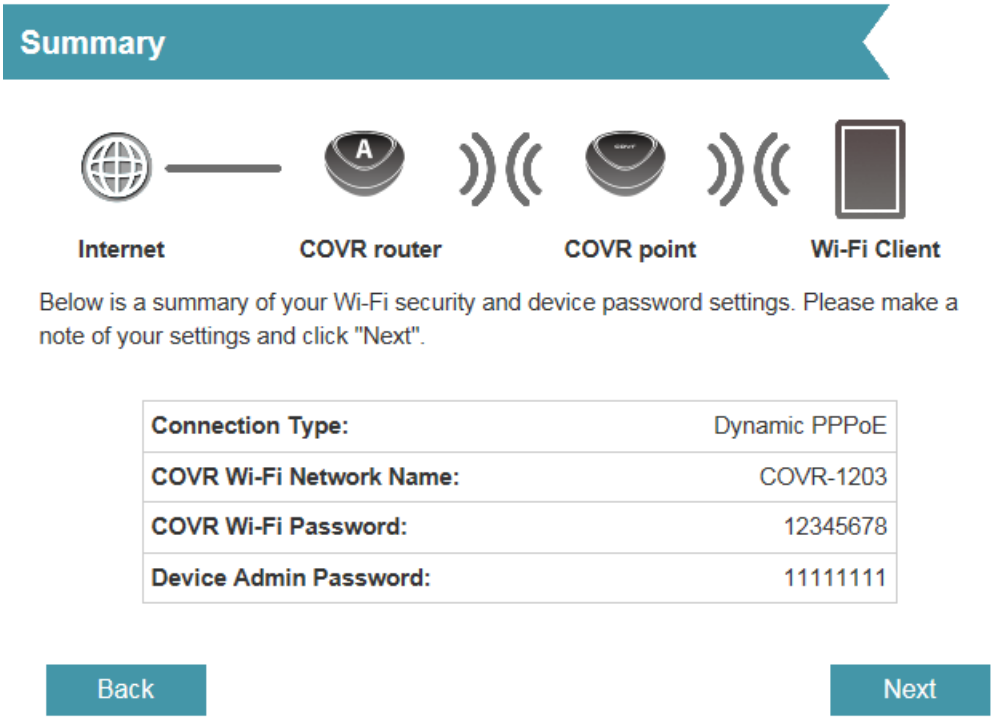
Step 5: Enter your Wi-Fi network name and password:



Step 6: Enter an admin password:



Step 7: A summary page will display your settings. If you want to make changes, click **Back**. If not, click **Next** to continue.



Step 8: Click **Finish** to save your settings.