
Subject: Wireless Access Points

Posted by [_SSnipe_](#) on Wed, 05 Dec 2012 07:14:50 GMT

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Hey guys, it's been a while since I have been on forums and come to ask for help on something. I posted in here since no one really reads the other support sub forums. Well, here it goes, I have two Linksys routers with custom firmware DD-WRT, and wish to use one to extend my single. So in other ones my main router is hooked up multiple pc's and of course my internet. I want to just plug in the second router to be put somewhere else in house and guest can connect to my wifi and then forwards that to the other router to access internet and etc. So far I've googled a lot to find all the settings to have the second router forward everything to main router and use main router as kind of a server. Now for the problem...not one tutorial I found has it wireless.....the main router had to have an Ethernet cord connect to the second one to have it successfully work (router number two, dhcp is disabled). SO how can I literally just set it up, plug it in to outlet and have it wireless (basically) extend my network? I posted this on a few other sites (including DDWRT forums) but somehow they get deleted (and yes I searched their forums and didn't find it) so please help? thank you.

Subject: Re: Wireless Access Points

Posted by [BoMbZu](#) on Wed, 05 Dec 2012 20:32:33 GMT

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I am not sure if that is even possible with a router because basically you want to extend your local network, not create a new network inside of it. Also I don't think it's wise to use a wireless middle man AP to extend your wlan because of performance issues caused by mixed signals/collisions and what not.

Maybe Ethernet over Power is something you could look into, and just connect an AP onto the power adapter at your desired location.

Subject: Re: Wireless Access Points

Posted by [danpaul88](#) on Wed, 05 Dec 2012 21:38:47 GMT

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Assuming the router supports running as a range extender then it should work just fine as long as you configure it all properly.

Subject: Re: Wireless Access Points

Posted by [BAGUETTE](#) on Wed, 05 Dec 2012 22:49:19 GMT

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You can't just get two routers and expect them to work, you need ones that are capable of such a thing

Subject: Re: Wireless Access Points

Posted by [EvilWhiteDragon](#) on Wed, 05 Dec 2012 23:39:34 GMT

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VuLTiMa wrote on Wed, 05 December 2012 23:49 You cant just get two routers and expect them to work, you need ones that are capable of such a thing

You can, you just need to know what to do. Disabling DHCP, connecting by wire (both on the LAN ports, DO NOT USE THE WAN PORT ON THE 2ND ROUTER), set up wireless (same SSID and preferably a different channel than your main router) and done.

Subject: Re: Wireless Access Points

Posted by [Whitedragon](#) on Wed, 05 Dec 2012 23:51:04 GMT

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What you want is a repeater bridge. Any router that can run DD-WRT should be able to do this.

http://www.dd-wrt.com/wiki/index.php/Repeater_Bridge

Subject: Re: Wireless Access Points

Posted by [BAGUETTE](#) on Thu, 06 Dec 2012 00:40:26 GMT

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EvilWhiteDragon wrote on Wed, 05 December 2012 16:39 VuLTiMa wrote on Wed, 05 December 2012 23:49 You cant just get two routers and expect them to work, you need ones that are capable of such a thing

You can, you just need to know what to do. Disabling DHCP, connecting by wire (both on the LAN ports, DO NOT USE THE WAN PORT ON THE 2ND ROUTER), set up wireless (same SSID and preferably a different channel than your main router) and done.

He said he's seen tutorials doing it by wire, he doesn't want wire he wants it wirelessly

Quote:Now for the problem...not one tutorial I found has it wireless.....the main router had to have an Ethernet cord connect to the second one to have it successfully work

Subject: Re: Wireless Access Points

Posted by [EvilWhiteDragon](#) on Thu, 06 Dec 2012 11:33:34 GMT

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Then use WDS (wireless distribution system). Not sure how to set it up, but it is possible on a lot of consumer routers, so I guess that DD-WRT should be able to do it as well.

Subject: Re: Wireless Access Points
Posted by [_SSnipe_](#) on Sat, 08 Dec 2012 18:17:34 GMT
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BoMbZu:

That is what I was thinking

danpaul88:
with DD-WRT it does but it still wont seem to set up that way yet =/

VuLTiMa:
DD-WRT gives you the options (in wireless mode) as client, client bridged, ap, repeater, and ...forgot last one, im sure repeater should be it right?

EvilWhiteDragon:
The second router has dhcp disabled and set to yuse my other router as the server, which works but of course has to be connected via wire. both have same SSID and mac filtering and on different channels, however as said, wont do it WIRELESSLY and that's my problem =/ and now I see your second reply thanks I will give it a try and I believe it does have WDS but I guess Ill look into it thanks!

Subject: Re: Wireless Access Points
Posted by [Whitedragon](#) on Sat, 08 Dec 2012 22:41:07 GMT
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Whitedragon wrote on Wed, 05 December 2012 15:51What you want is a repeater bridge. Any router that can run DD-WRT should be able to do this.

http://www.dd-wrt.com/wiki/index.php/Repeater_Bridge

Subject: Re: Wireless Access Points
Posted by [_SSnipe_](#) on Sun, 09 Dec 2012 02:38:32 GMT
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Whitedragon wrote on Sat, 08 December 2012 14:41Whitedragon wrote on Wed, 05 December 2012 15:51What you want is a repeater bridge. Any router that can run DD-WRT should be able to do this.

http://www.dd-wrt.com/wiki/index.php/Repeater_Bridge

I will give it a try and report back

Subject: Re: Wireless Access Points
Posted by [Gen_Blacky](#) on Sun, 09 Dec 2012 03:22:59 GMT
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DD-WRT is awesome i use it on all my routers that can support it.

Subject: Re: Wireless Access Points
Posted by [badam](#) on Wed, 19 Dec 2012 00:41:53 GMT
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If you can get it to accept the wireless signal and repeat it please post it. I also have 2 linksys routers but when I set it up I could not find any way for the 2nd router to accept the wireless signal and repeat it. The second router had to be wired into the first one and then set that wireless up too. It could be that I just did not have the correct firmware that allows this though.

What I did is just use powerline adapters to connect them since I did not have my house wired to connect the 2nd router.

Subject: Re: Wireless Access Points
Posted by [SSnipe](#) on Mon, 31 Dec 2012 12:22:20 GMT
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I found out by the dd wrt website is that the only way to do this is a repeater bridge as stated before. I tried the guide on the website and a youtube guide that is different and more detailed...all of which still would not work. I am not sure since one is an N router that has g/b while my other is just a/b/g or what but I tried...I guess I will try again soon but school is starting back up

Subject: Re: Wireless Access Points
Posted by [badam](#) on Thu, 03 Jan 2013 01:48:33 GMT
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I just bought a new router because the wifi on my old one started acting up, would stop broadcasting intermittently.

But anyways the new one seems to have the ability to act as a repeater as well, I didnt try it out since Im on the edge of my main wifi signal so it wouldn't make sense to do it. In the config options I was able to detect and connect to a wifi access point from the router. Most repeaters I have seen sell for like 50-70 this one router only cost me \$20

TLDR: got a \$20 router looks like its also a repeater

http://microcenter.com/product/387580/WF-2404D_300Mbps_Wireless-N_Access_Point_Router_with_Detachable_Antenna

Subject: Re: Wireless Access Points
Posted by [Whitedragon](#) on Thu, 03 Jan 2013 07:02:54 GMT
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SSnipe wrote on Mon, 31 December 2012 04:22I am not sure since one is an N router that has g/b while my other is just a/b/g or what but I tried...I guess I will try again soon but school is starting back up

Try setting both to b/g only.

Subject: Re: Wireless Access Points
Posted by [_SSnipe_](#) on Wed, 06 Feb 2013 19:04:27 GMT
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hey, i'm back, very long lag but what can i say, PC was down, family issues, and finals

anyways i tried the instructions you posted earlier white dragon, along with ones off the website and other more detailed ones on you tube *each one had different options* but all failed....=[
