



Secondary DNS Setup - Using Cloudflare as Primary & CloudFloorDNS as Secondary

It's easy to add resilience to your existing DNS infrastructure by using CloudFloorDNS as a backup or secondary DNS provider to Cloudflare's DNS. Follow this document on how to add a Secondary DNS zone and start using CloudFloorDNS as a backup DNS provider.

Setup Permissions for Zone Transfers from CloudFloorDNS

1. Add in the following IP address and allow for Zone Transfers from the DNS Zones you wish to backup and replicate. CloudFloorDNS uses AXFR to pull the zones into our DNS platform. To do this, the below IP Address must be added into your Primary DNS provider (Cloudflare) ACL to allow Zone transfers.

52.28.220.230

Cloudflare documentation:

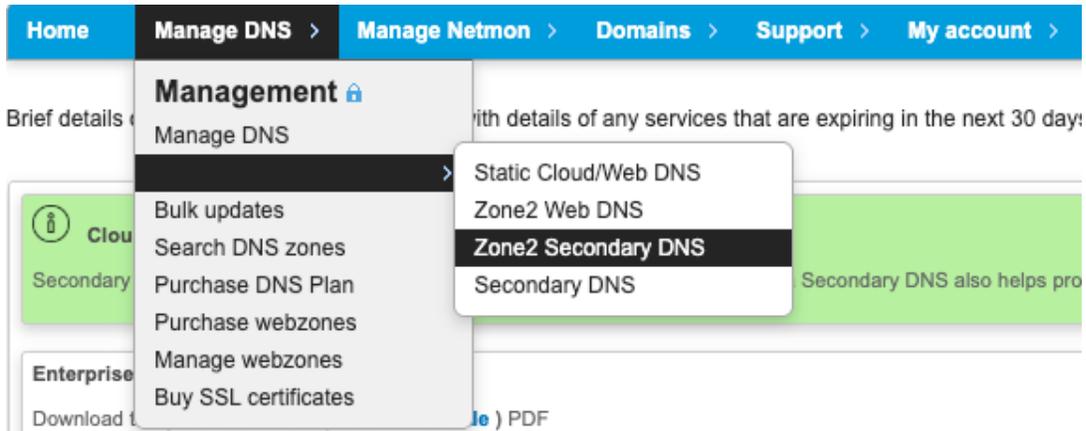
<https://developers.cloudflare.com/dns/zone-setups/zone-transfers/cloudflare-as-primary/setup/>

When you get to Step 4, continue below.

Now you need to login to our CloudFloorDNS account at <https://panel.cloudfloordns.com>

Add Secondary DNS on your CloudfloorDNS account

1. After logging in to CloudFloorDNS, select Manage DNS → Setup DNS → Zone2 Secondary DNS as shown in the screenshot below:



2. Add your Domain name(s) that you'll be using to setup Secondary DNS. Add them to the list as shown below.

Enter domains one per line, or a single domain as shown below.

You also need to enter the IP Address of your Primary DNS server(s) allowing the Zone transfers. This is the IP address where CloudFloorDNS will be pulling zone information from.

Enter the Primary DNS Server as shown below. Cloudflare is 172.65.64.6

Assign to a group if needed. *Optional

Enable TSIG. The three TSIG options need to match exactly for the Algorithm, Key and Name. *Optional

Agree to the Terms and Conditions then click Save.

Setup Secondary DNS:

Domains:	<input type="text" value="example.com"/> <small>DO NOT INCLUDE the 'www.'</small>
IP address of the primary dns server:	<input type="text" value="172.65.64.6"/>
Assign the domain to a group:	<input type="text" value="NS-G01"/> TestDNS TestGroup
TSIG Key for Secondary:	<input checked="" type="checkbox"/> Enable
Algorithm:	<input type="text" value="hmac-sha256"/>
Key:	<input type="text" value="TSIG Key"/>
Name:	<input type="text" value="TSIG Key Name"/>
Terms and Conditions:	<input type="checkbox"/> I AGREE
<input type="button" value="Save"/>	

3. You've now added the secondary zone(s), zone replication is scheduled. Replication will take place instantly and then automatically when your zone is updated at Cloudflare. NOTIFY is enabled by default and if your primary DNS server supports NOTIFY, the zones will replicate immediately if you make a change at the primary DNS provider. You can also use the API or the management interface to force an update.

To replicate the zone manually, click Manage Domain from the Domains menu heading. Then click on the Secondary DNS "S" icon displayed to the right of your domain name. This brings you to the DNS editing page. This is a read only page because CloudFloorDNS is acting as Secondary so any changes need to be made from Cloudflare. Click update from Master and this will replicate if the zone serial numbers mismatch.

This is the Slave Domain, Please update all records from Master.

[Update from Master](#)

Records Per Page: ▾

When you get to step 7 "Add secondary nameservers to registrar" on the Cloudflare page above, ensure that all of zones have properly transferred and replicated to CloudFloorDNS before completing step 7.

Name Servers to add for CloudFloorDNS:

ns1.g10.cfdns.net.
ns2.g10.cfdns.biz.
ns3.g10.cfdns.info.
ns4.g10.cfdns.co.uk.