

Custom Domains

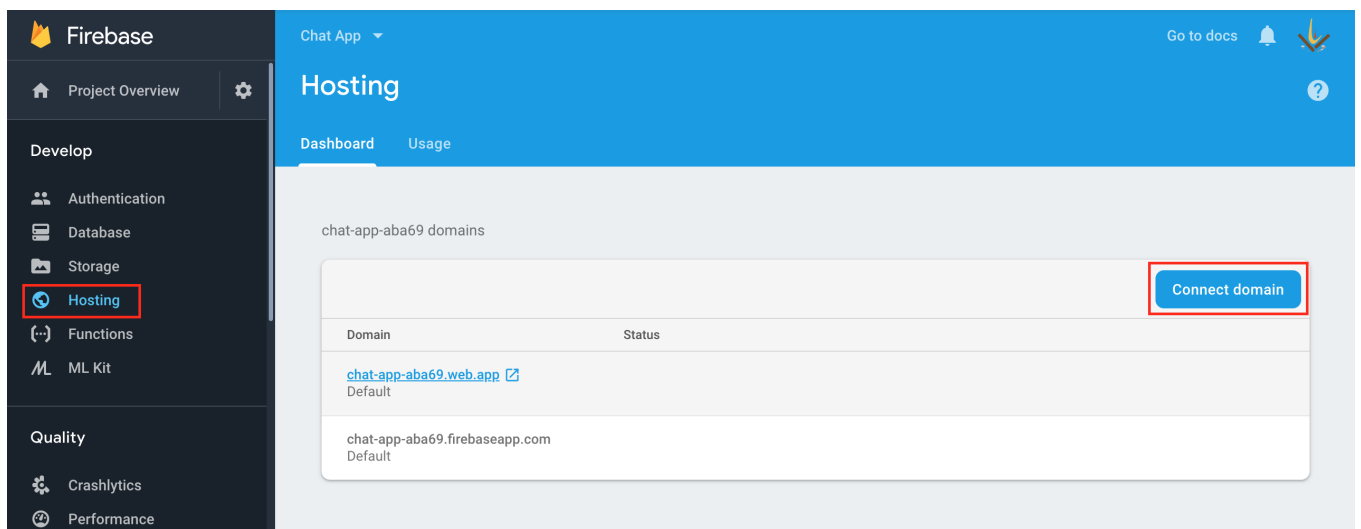
In this lesson, you will learn how to set up a custom domain. Once you are done, you can use your custom domain or your project URL to access the live site.

We'll cover the following

- Connect Domain
- Supply a Domain
- Supply Record to the Registrar
 - Add a New TXT Record
- Value of **host** input field
- Verify This in Your Console
 - If There is an Error
- Point domain
 - A Records
- It's Ready

Connect Domain

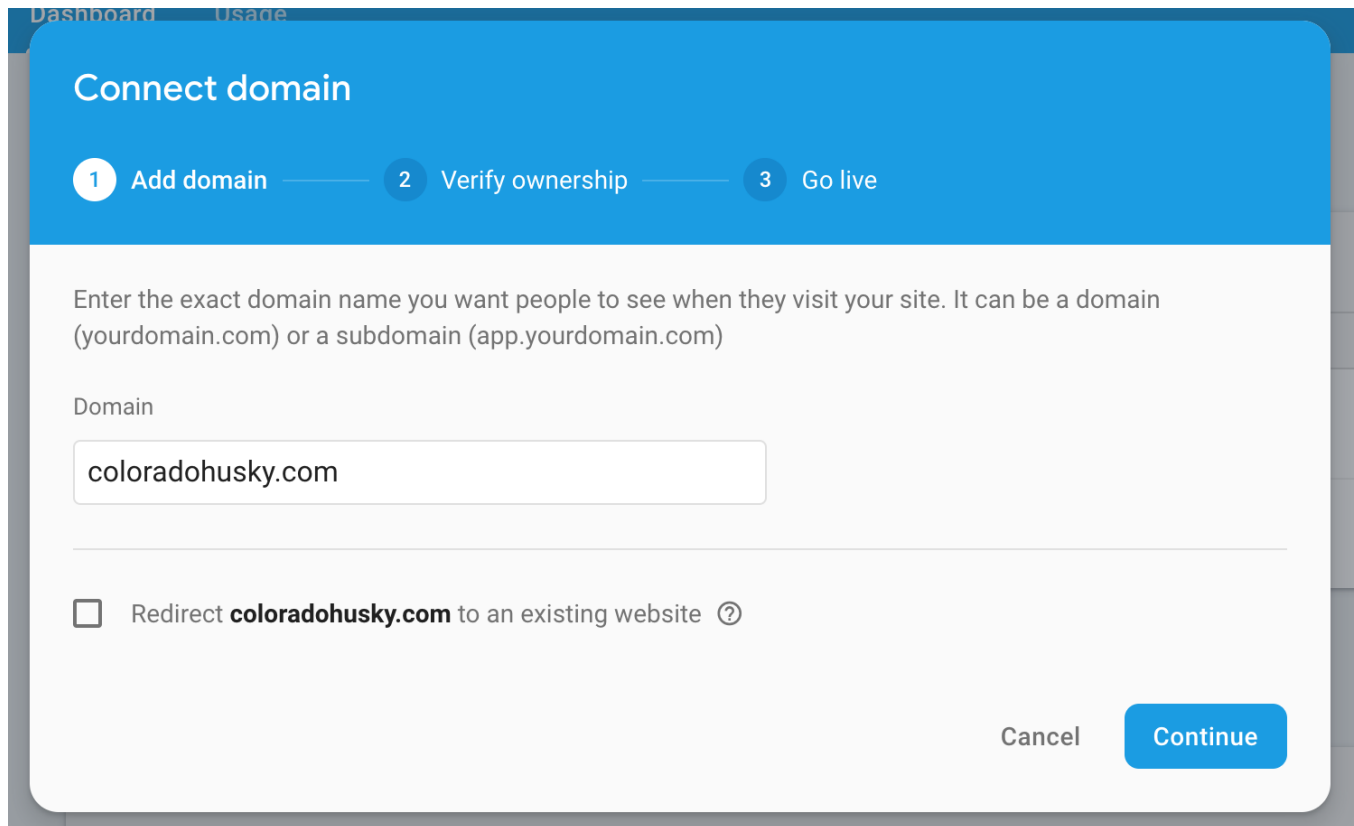
In your Firebase console, click on the **Hosting** tab, and then on the **Add custom domain** button.



Supply a Domain

Supply a Domain

Once you get to the next screen, supply a domain that you purchased and have access to.



Dashboard Usage

Connect domain

1 Add domain — 2 Verify ownership — 3 Go live

Enter the exact domain name you want people to see when they visit your site. It can be a domain (yourdomain.com) or a subdomain (app.yourdomain.com)

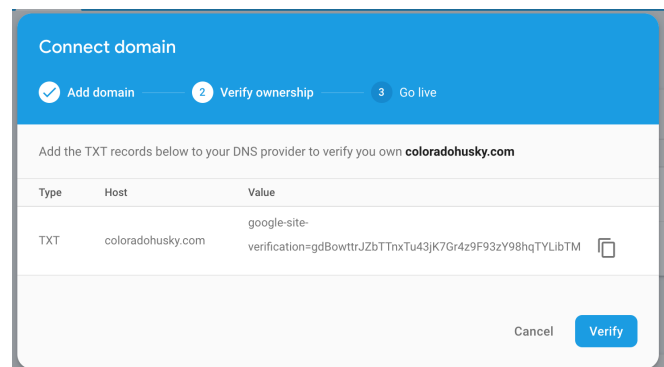
Domain

☐ Redirect **coloradohusky.com** to an existing website ?

Cancel Continue

Verify Your Domain


Copy the value of the TXT record supplied by Firebase you need to add to your domain registrar.



Connect domain

✓ Add domain — 2 Verify ownership — 3 Go live

Add the TXT records below to your DNS provider to verify you own **coloradohusky.com**

Type	Host	Value
TXT	coloradohusky.com	google-site-verification=gdBowtrrJZbTTnxTu43jK7Gr4z9F93zY98hqTYLibTM 

Cancel Verify

Supply Record to the Registrar

I am going to use namecheap in my example but this will be a similar process no matter what registrar you choose.

I recommend using namecheap if you don't already have a preferred registrar and need a place to register domains. Go ahead and sign up on namecheap if you don't have an account yet. After you have a domain registered your landing page will look like this.

The screenshot shows a registrar dashboard for a user named Eric Wallen. The left sidebar contains navigation links: Dashboard, Expiring / Expired, Domain List, Product List, Apps, and Profile. The main content area displays account information (Account Balance: \$0.00, Two Factor Authentication: OFF) and a table of recently active domains. The table has columns for All, Products, Expiration, and a Manage button. The domain 'coloradohusky.com' is highlighted with a red box around its Manage button.

All	Products	Expiration	
aslongasyou.care ADD CATEGORY		Mar 7, 2020 Domain	MANAGE
coloradohusky.com ADD CATEGORY		Mar 7, 2020 Domain	MANAGE
littletodos.com ADD CATEGORY		Dec 13, 2019 Domain	MANAGE
fullstackcode.camp ADD CATEGORY		May 29, 2020 Domain	MANAGE

[View all domains](#)

Navigate to the Domains DNS

In your registrars dashboard, look for something that says **DNS**. At namecheap it's labeled **Advanced DNS**.

The screenshot shows the 'Domains -> Details' page for the domain 'coloradohusky.com'. The page has a navigation bar with tabs: Domain, Products, Sharing & Transfer, and Advanced DNS. The 'Advanced DNS' tab is highlighted with a red box.

Add a New TXT Record

Find where you can add a **TXT record**. It will look slightly different than what you see below depending on your registrar but the functionality is the same.

Actions

Filters

Search

<input type="checkbox"/>	Type	Host	Value	TTL	
<input type="checkbox"/>	CNAME Record	www	parkingpage.namecheap.com.	30 min	
<input type="checkbox"/>	URL Redirect Record	@	http://www.coloradohusky.... Unmasked		

+

ADD NEW RECORD

A Record

CNAME Record

NS Record

SRV Record

TXT Record

URL Redirect Record

Host

IP Address

Automatic

✓

✗

SAVE ALL CHANGES

DNSSEC

Status

Value of **host** input field

At namecheap, use the @ for the host input. At most other registrars use your domain such as [somethingworthwhile.com](#)

TXT Record

@

n=gdBowttrJZbTTnxTu43jK7Gr4z9F93zY98hgTYLibTM

Automatic

✓

✗

Verify This in Your Console

After you add the TXT record, click on the **verify** button in the Firebase console.

Connect domain

✓ Add domain

2 Verify ownership

3 Go live

Add the TXT records below to your DNS provider to verify you own **coloradohusky.com**

Type	Host	Value
TXT	coloradohusky.com	google-site- verification=gdBowtrrJZbTTnxTu43jK7Gr4z9F93zY98hqTYLibTM

Cancel

Verify

If There is an Error

First, double-check that you completed the previous steps correctly. If you have, keep the screen you see below open and click verify periodically; eventually, it will verify. You can also adjust your TTL in your registrar to be lower and this reduces wait time.

Connect domain

✓ Add domain

2 Verify ownership

3 Go live

⚠ We couldn't verify your domain coloradohusky.com. Please check your settings and try again.

Add the TXT records below to your DNS provider to verify you own **coloradohusky.com**

Type	Host	Value
TXT	coloradohusky.com	google-site- verification=gdBowtrrJZbTTnxTu43jK7Gr4z9F93zY98hqTYLibTM

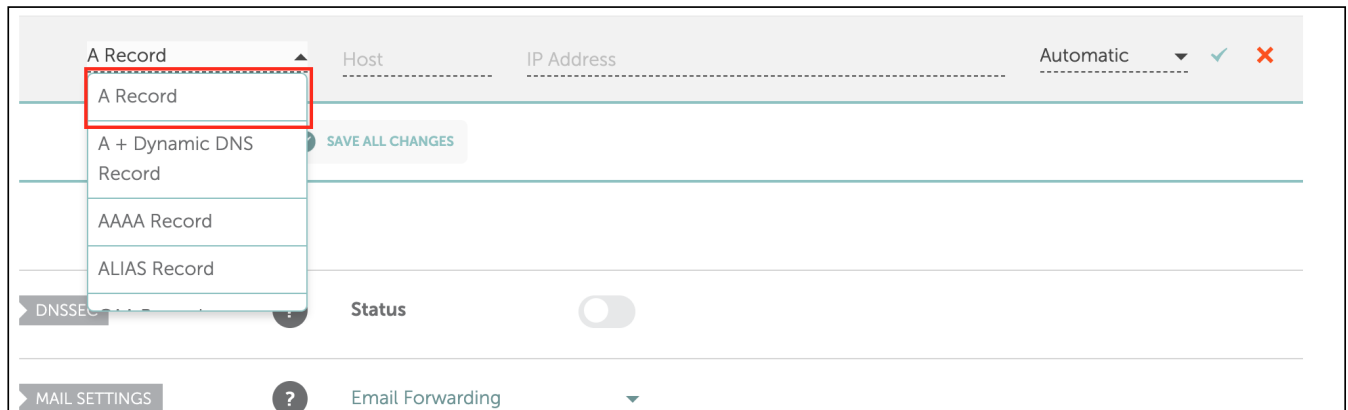
Cancel

Verify

Point domain

A Records

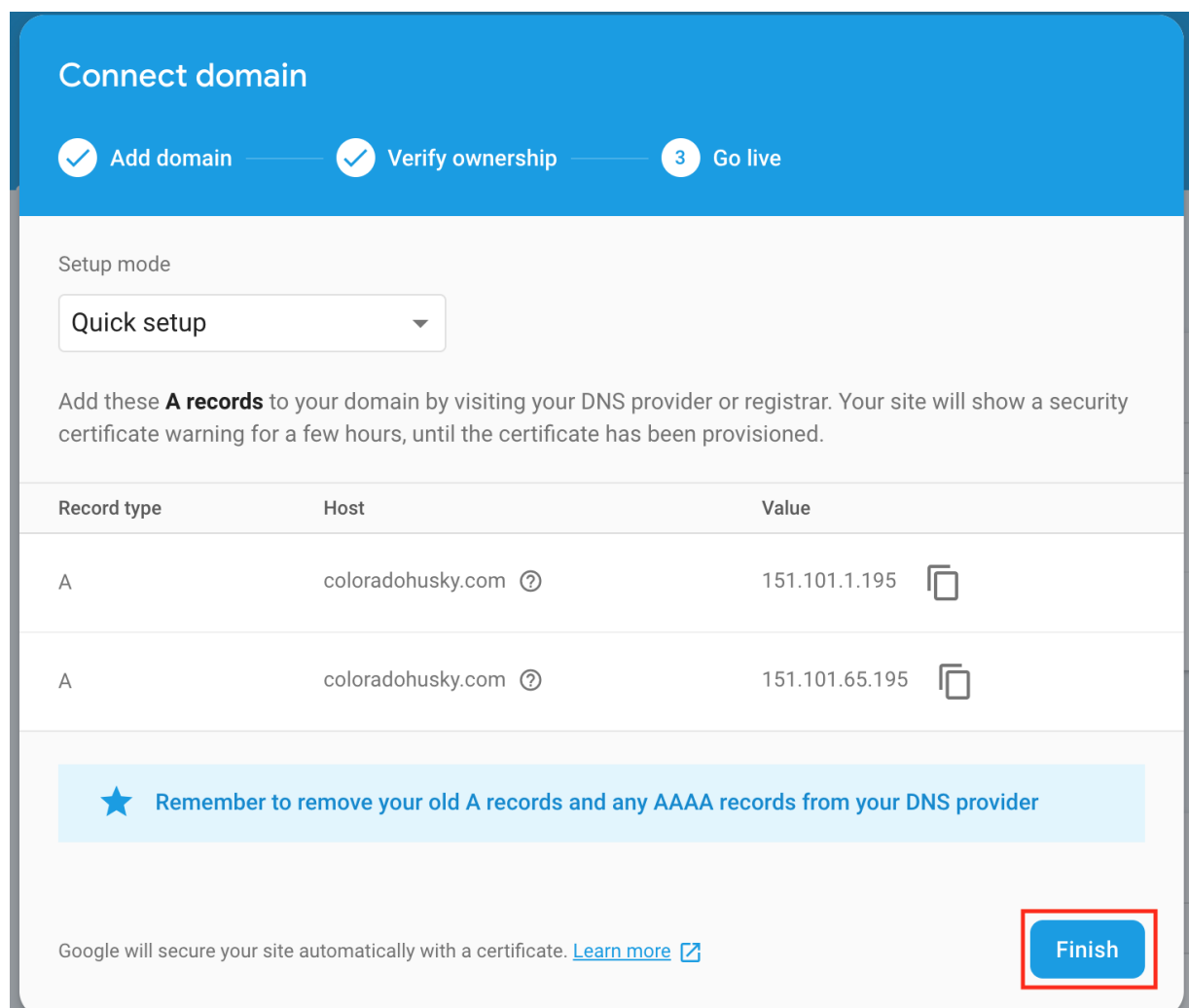
Now Firebase will supply you with two A record values. Go back to the registrar and add two A records just like you added your TXT record.



The screenshot shows a DNS management interface. A dropdown menu is open, showing options: "A Record", "A + Dynamic DNS Record", "AAAA Record", and "ALIAS Record". The "A Record" option is highlighted with a red box. The background interface includes fields for "Host", "IP Address", and "Automatic" status, along with a "SAVE ALL CHANGES" button and a "Status" toggle.

<input type="checkbox"/>	A Record	@	151.101.1.195	1 min	
<input type="checkbox"/>	A Record	@	151.101.65.195	1 min	

Once your A records have been placed on the registrar, click **verify** in the Firebase console.



The screenshot shows the "Connect domain" screen in the Firebase console. It has a progress bar with three steps: "Add domain" (checked), "Verify ownership" (checked), and "3 Go live". Under "Setup mode", "Quick setup" is selected. A message states: "Add these **A records** to your domain by visiting your DNS provider or registrar. Your site will show a security certificate warning for a few hours, until the certificate has been provisioned." Below this is a table with two rows of A records for the domain "coloradohusky.com".

Record type	Host	Value
A	coloradohusky.com ?	151.101.1.195
A	coloradohusky.com ?	151.101.65.195

A blue banner with a star icon says: "Remember to remove your old A records and any AAAA records from your DNS provider". At the bottom, there is a "Finish" button highlighted with a red box, and a link to "Learn more" about Google's automatic certificate security.

It's Ready

You may have to wait a while for the SSL certificate to be provisioned but you can view your site at your custom domain. Once SSL starts working, you will get the green lock in the address bar next to the URL.

Ready to test your knowledge of Firebase Storage? Join me in the next section for a quick quiz.