Associate an existing domain with an account

We have stopped allowing new custom domain entries using the DNS canonical name record (CNAME) process. Existing CNAMEs will continue to function as expected while we phase out this feature.

We will be **disabling the CNAME feature completely on July 1, 2015**. If you have a CNAME enabled you will want to plan for impacts this will have for you, your team, and anyone else who is accessing the repositories owned by the team or account to make this transition.

- Remove your custom domain
- Change all URLs to remove the custom domain
    - Change URL to access the account or team in Bitbucket
    - Change the URL to access the repositories owned by the account or team
    - Change Git remote origin
    - Change Git action URLs
    - Change mercurial action URLs

Because we have stopped supporting CNAMEs, **by July 1 2015 you must change your custom domain URLs everywhere they are used to access your Bitbucket Cloud team, account, repositories,** and any automated processes which access Bitbucket using the custom domain URL.

We've provided a set of examples to illustrate the process on this page.

Remove your custom domain

Before you remove your CNAME plan for changing the url references used to access the account and all it's repositories as shown in the following examples.

To remove your CNAME

1. Do one of the following to access your team or account manage page:
    a. For an individual account: Click *avatar* **> Bitbucket settings**.
    b. For a team: Click **Teams>***your team name* then click **Manage team**.
2. Click **Custom domain**.
3. Click **Remove Custom Domain**.

Your Bitbucket team, account, and associated repositories will no longer be accessible using the custom domain URL.

Change all URLs to remove the custom domain

Change URL to access the account or team in Bitbucket

Removing the CNAME from your team or account will revert the URL used to access the team or account's overview and management pages.

This URL to access account or team overview pages:

HTTP
http://myurl.myteam.com

Will become:

HTTPS

`https://bitbucket.org/teamname`
`or`
`https://bitbucket.org/accountname`

Change the URL to access the repositories owned by the account or team

Removing the CNAME from your team or account will revert the URL used to access the team or account's repositories.

This URL to access repositories:

HTTP
`http://myurl.myteam.com/web-development`

Will become:

HTTPS

`https://bitbucket.org/teamname/web-development`
`or`
`https://bitbucket.org/accountname/web-development`

Change Git remote origin

If you used the CNAME domain when you initially set up your local repositories you will have to remove the remote origin entry for each repository and replace it so that it points to the repository in Bitbucket using: bitbucket.org/teamname/repo-name.

1. Check to see what your current remote is by switching to the directory containing your repository and using the `git remote -v` command. It should reveal your default fetch and push URLs similar to the following:

```
$ git remote -v
origin    https://username@myurl.myteam.com/web-development.git
(fetch)
origin    https://username@myurl.myteam.com/web-development.git
(push)
```

2. Remove the origin designation using `git remote rm origin` as shown in the following example:

```
git remote rm origin
```

3. Add the path to your remote using `git remote add origin` as shown in the following example:

```
git remote add origin
https://username@bitbucket.org/teamname/web-development.git
```

4. Verifiy the new remote using the `git remote -v` command as shown in the following example:

```
$ git remote -v
origin
https://username@bitbucket.org/teamname/web-development.git (fetch)
origin
https://username@bitbucket.org/teamname/web-development.git (push)
```

Change Git action URLs

Git actions URLs like this:

HTTP
git clone http://username@myurl.myteam.com/web-development.git

Will have to change to this:

HTTPS
git clone https://username@bitbucket.org/teamname/web-development.git

> **SSH and other processes**
> Modify all URLs to replace the CNAME URL (myurl.myteam.com) with the Bitbucket URL (bitbucket.org) including any SSH and automated or other processes accessing your Bitbucket repositories.

Change mercurial action URLs

Mercurial action URLs like this:

HTTP
hg clone http://username@myurl.myteam.com/web-development

Will have to change to this:

HTTPS
hg clone https://username@bitbucket.org/teamname/web-development

> **SSH and other processes**
> Modify all URLs to replace the CNAME URL (myurl.myteam.com) with the Bitbucket URL (bitbucket.org) including any SSH and automated or other processes accessing your Bitbucket repositories.

The information provided below is stored for archive purposes only.

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Using a CNAME with Bitbucket will result in unencrypted http:// (not the https:// which Bitbucket uses) communication between your usersand the Bitbucket website. This means passwords and other potentially sensitive data will be sent in clear text.

You can alias an custom domain to your individual or team account page on Bitbucket using a DNS CNAME (canonical name record). A CNAME record is type of resource record in the Domain Name System (DNS). The CNAME record specifies that the domain name is an alias of another domain name. This option of using a custom domain is available for all Bitbucket accounts both free and paid pricing plans.

To set up a CNAME, you must own the domain name you are aliasing. For example, the custom domain `git.coolcode.com` has a domain name of `coolcode.com`. To alias your account in the `bitbucket.org` domain (`bitbucket.org/youraccountname`) to `coolcode.com`, you must own the `coolcode.com` domain.

The DNS specification disallows CNAME records at the root of a site. So, if you own `coolcode.com`, do not associate your top level domain, `coolcode.com`, with your Bitbucket account. Instead, alias a subdomain such as `git.coolcode.com` or `source.coolcode.com`.

> You can also host a static website directly from the contents of a Bitbucket repository, in which case the site name would be `youraccountname.bitbucket.org` and the domain is `bitbucket.org`. If you want to learn how to host a static website, see Publishing a Website on Bitbucket Cloud.

How to set up a CNAME for your Bitbucket account

To set up a CNAME, you must perform two procedures; one on your DNS hosting service and one on Bitbucket.

On your DNS hosting service

The actual steps to configure a CNAME vary depending on the DNS provider you use. You should consult the help for the service to find out the exact steps.

1. Log into the domain control panel DNS administration for your domain name.
2. Configure the domain name you want.
   In this example, the user had a DNS that required this type of configuration:

| NAME	TYPE	value
example.mydomain.com	CNAME	bitbucket.org

Keep in mind your DNS provider may ask you to configure this differently. For example, notice that there are no http(s) or slashes in these settings.

On Bitbucket:

To avoid negative caching, create your CNAME entry before with your DNS hosting provider before proceeding.

1. Log into the Bitbucket account you want to alias.
2. Choose **your avatar > Manage Account** from the menu bar.
3. Choose **Custom domain** from the left menu bar.
4. Enter a **Cname** in the field provided.
   In this example you enter the following:
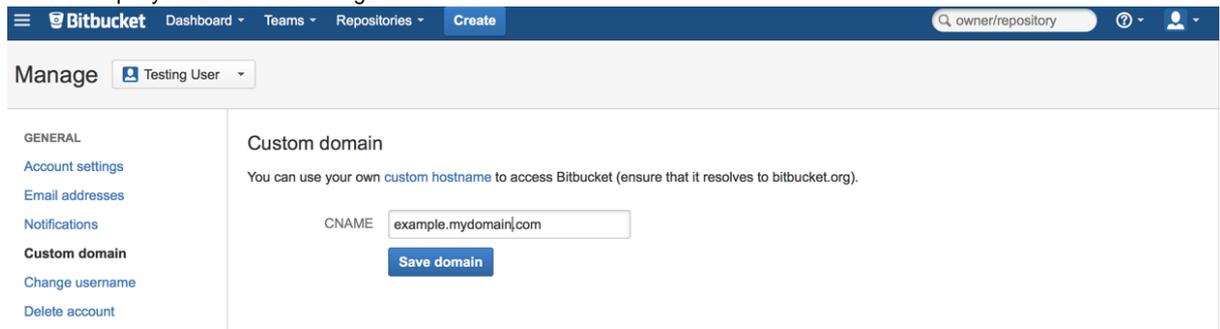
5. Click **Save domain**.

HTTPS and CNAMEs

Please note that accessing a Bitbucket account configured with a custom domain over HTTPS may result in security warnings from your browser.

The Bitbucket service can only serve one SSL certificate, and that certificate can only be associated with the `bitbucket.org` domain. When you access a CNAME over HTTPS, your browser will see that the certificate's domain doesn't match the address you've visited and presents a warning message. For this reason, we allow non-secure HTTP access to CNAMEs. However, if you don't mind the certificate warnings and you'd prefer to access your CNAME over an encrypted session, you can still use HTTPS.

For cloning, pushing, and pulling to repositories on CNAMEs, we recommend connecting directly to bitbucket.org over HTTPS or SSH to ensure your password is transmitted securely.

Frequently Asked Questions about CNAMEs

- **Can I get SSL support for my customer domain?**
  Bitbucket doesn't support installation of custom SSL certificates on our systems. As a result, we cannot support SSL on custom domains. We recommend using the website directly via `bitbucket.org` to ensure your privacy remains protected at all times if this is a concern for you.

- **Are A records supported?**
  No. While you may be able to point your domain at Bitbucket's current IP address, many functions will not work as expected, our IP addresses may change and support will not be able to assist.
- **Are custom domains supported for repositories?**
  No. Not at this time. This includes Static Hosting of pages on Bitbucket. We have https://bitbucket.org/site/master/issue/2184/support-cnames-for-repositories-bb-3655 open as a feature request to support using a custom domain for all repository types.