

Odoo SAAS Kit Custom Domain Mapping

Odoo SAAS Kit Custom domain feature enables you to map a custom domain to an existing client.

SSL is setup for the domain using Letsencrypt SSL Certs.

Installation of dependencies on Server

1. **Certbot**
2. **Certbot Nginx Module**

Run Command to install above dependencies::

`sudo apt install certbot python3-certbot-nginx`

Allow your Odoo app user to run certbot command by giving your app user the appropriate privileges. Add below line to your sudoers file /etc/sudoers.

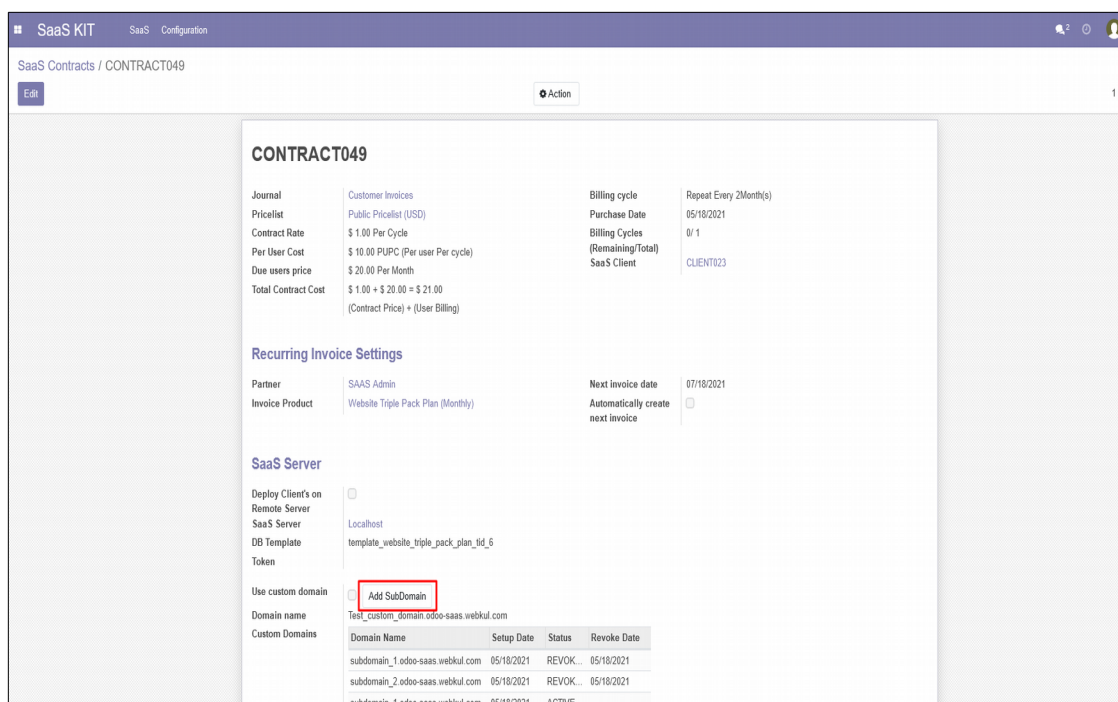
`odooappusername ALL=(ALL) NOPASSWD:/usr/bin/certbot`

Note:- the odooappusername can be different in your case. Also certbot executable can be at a different path. Generally, the certbot executable is located at /usr/bin/certbot. Please update the above underlined content accordingly. Restart the Odoo app afterwards.

Note: Before setting up custom domain, specific DNS entries should be made.

Steps to add custom domain

1. In the SAAS Contracts created from SAAS Plans, there is a section to add custom domain as shown in screen-shot above.



The screenshot displays the 'SaaS KIT' configuration page for 'CONTRACT049'. The interface is divided into several sections: 'Contract Details', 'Recurring Invoice Settings', and 'SaaS Server'. The 'SaaS Server' section is expanded, showing options for 'Deploy Client's on Remote Server', 'SaaS Server', 'DB Template', and 'Token'. A red box highlights the 'Add SubDomain' button. Below this, a table lists existing subdomains.

Domain Name	Setup Date	Status	Revoke Date
subdomain_1.odoo-saas.webkul.com	05/18/2021	REVOK...	05/18/2021
subdomain_2.odoo-saas.webkul.com	05/18/2021	REVOK...	05/18/2021
subdomain_1.odoo-saas.webkul.com	05/18/2021	ACTIVE	

2. On clicking “Add Subdomain” button a dialog box will pop-up where domain name is to be entered as shown in screenshot above.

Custom domain can be added with/without enabling SSL.

To enable SSL/HTTPS on custom domain, Click on the check box “Enable SSL/HTTPS” in the dialog box.

The screenshot displays the SaaS KIT interface. A modal dialog titled "Enter Custom Domain" is open, prompting the user to "Enter Subdomain !". It includes a text input for the "Domain Name" and a checkbox for "Enable SSL/HTTPS". The background interface shows the "SaaS Contracts / CONTRACT049" page, which includes a sidebar with "SaaS" and "Discard" buttons, and a main content area with various contract details and settings.

Domain Name	Setup Date	Status	Revoke Date
subdomain.f.odoo-saas.webkul.com	05/18/2021	REVOKE	05/18/2021

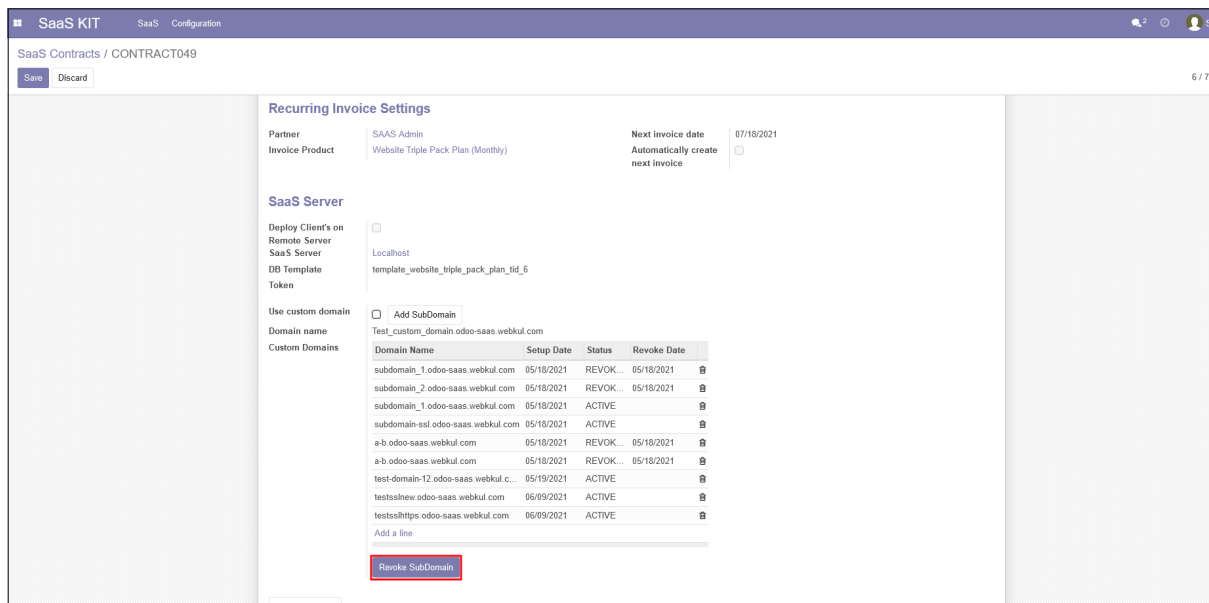
Note: In both the cases, specific DNS entries should be made before hand otherwise custom domain will not reach the specific client, leading to failed DNS validation.

After domain is added a new nginx configuration file is generated on the server in docker_vhosts directory, in case SSL/HTTPS is enabled then certbot utility which is installed on server is used to generate SSL certificate and place it on the server. The new configuration file added will have certificates already loaded so that custom domain can reach the client with HTTPS enabled.

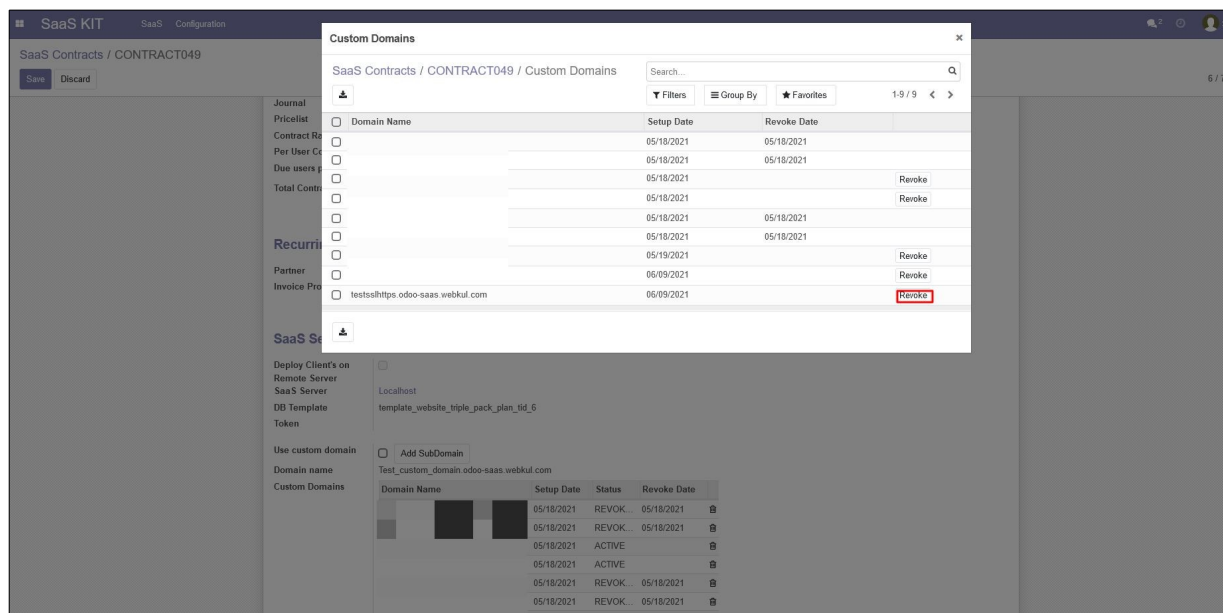
Now, both the subdomain and the custom domain can reach the SAAS Client.

Steps to revoke custom domain.

1. By Clicking button Revoke Subdomain, mapping can be removed.



2. After clicking on button a dialog box will appear with Revoke button associated with the custom domain, which when clicked will remove the nginx configuration file and then SAAS Client wouldn't be reachable from custom domain.



Note: Custom Domain while creating SAAS Contract is different than Adding custom domain or subdomain after the creation.