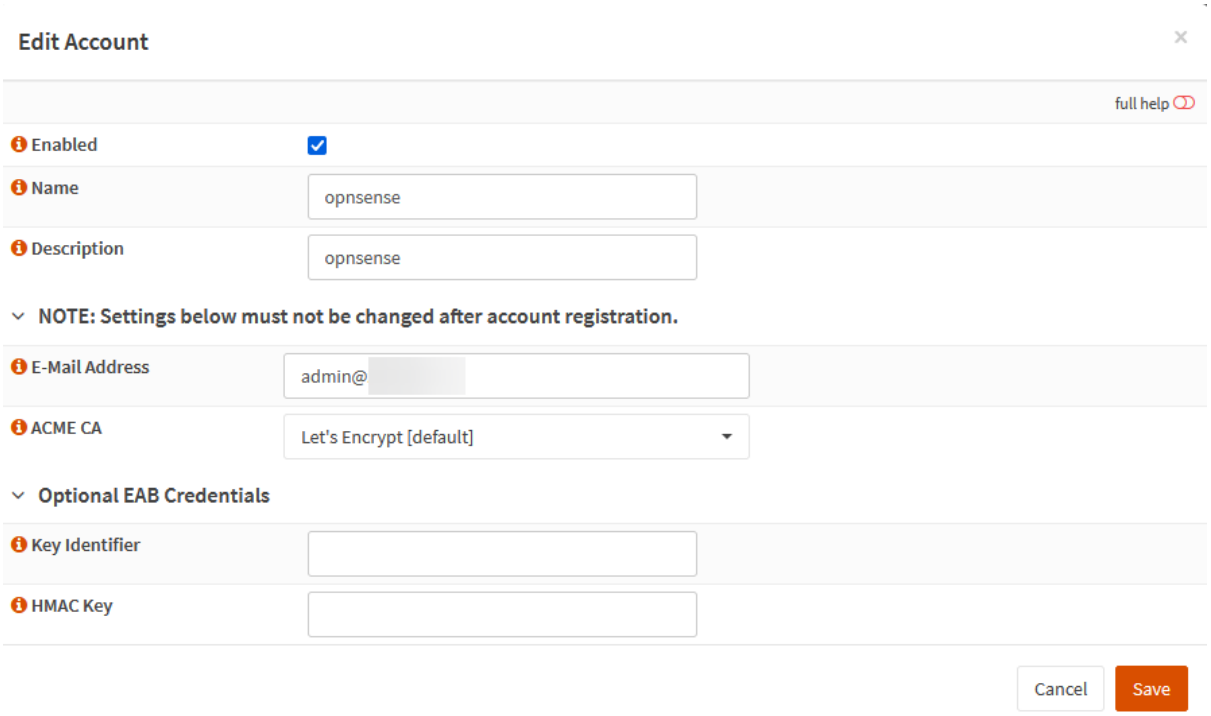
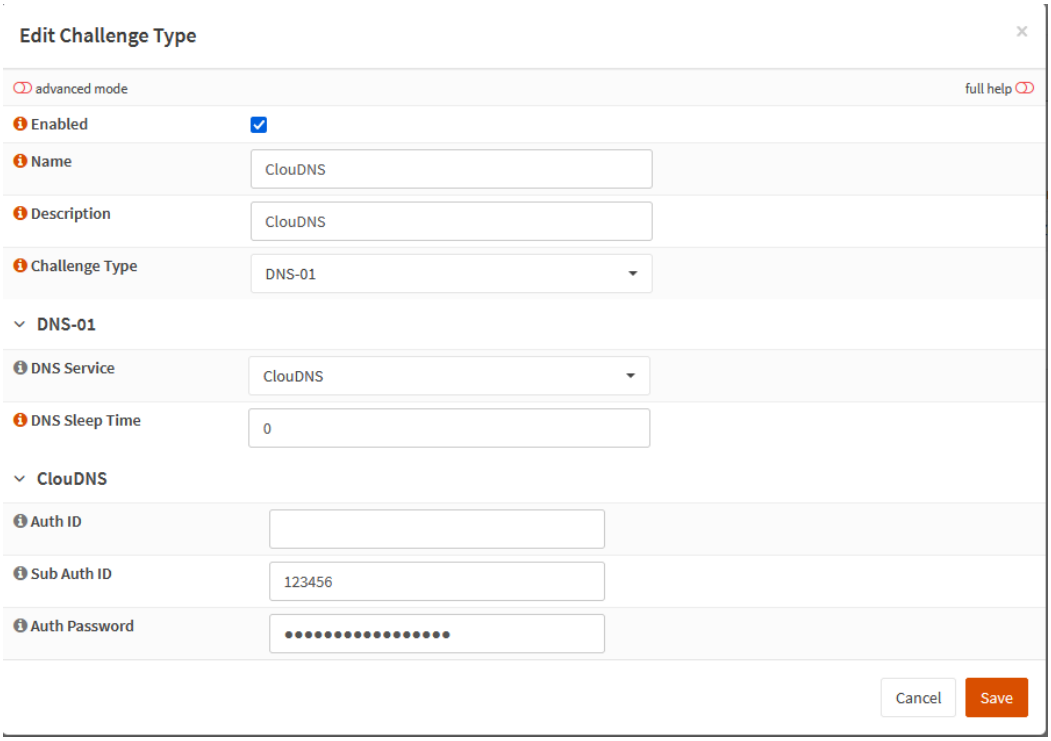
Contents

OPNSense and ClouDNS

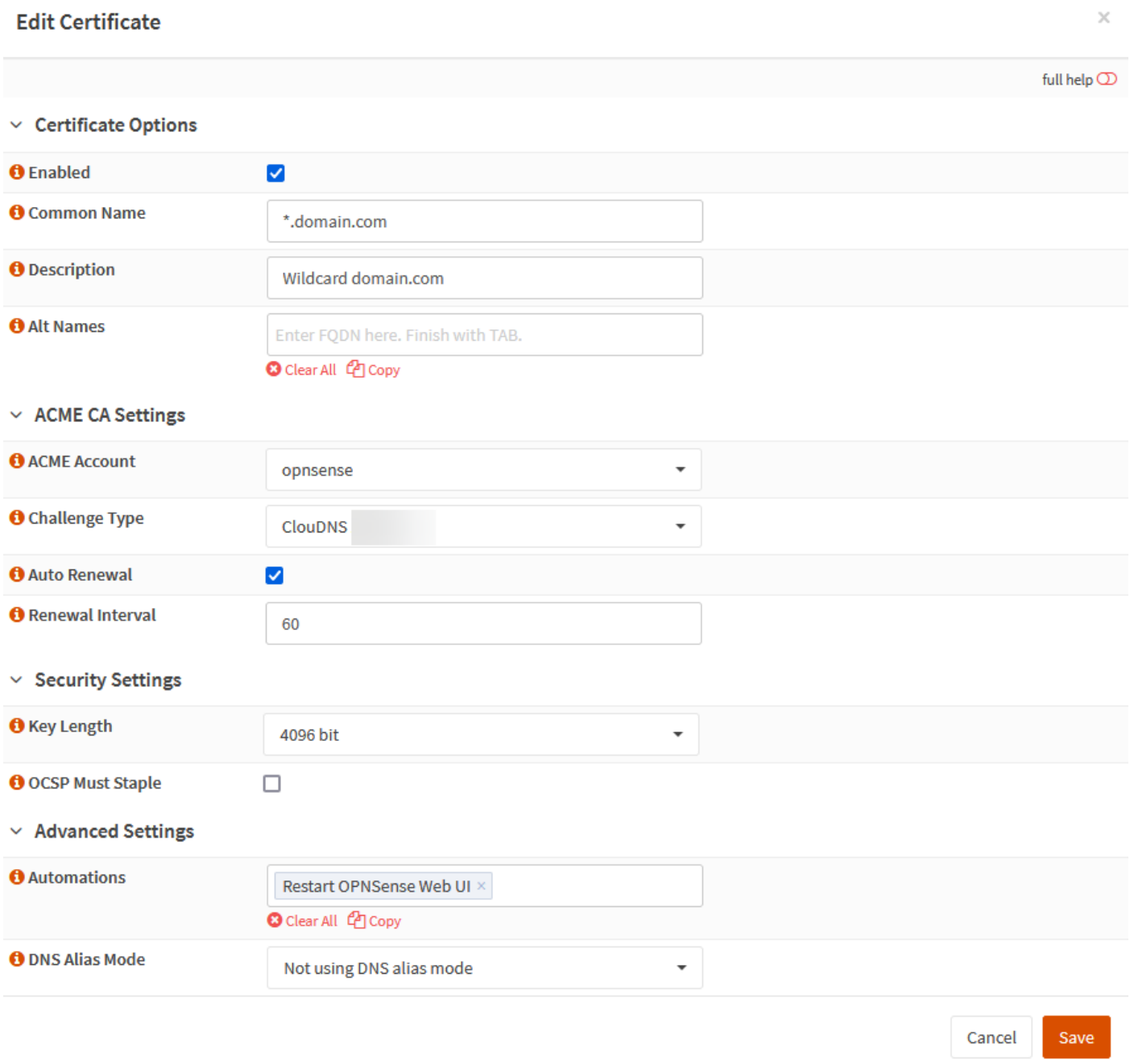
1. Install ACME Plugin
2. After installation go to **Services > ACME Client > Settings** and enable plugin
3. After enabling plugin go to **Services > ACME Client > Accounts** and create account used for Let's Encrypt. See image OPNSense_LetsEncrypt.png



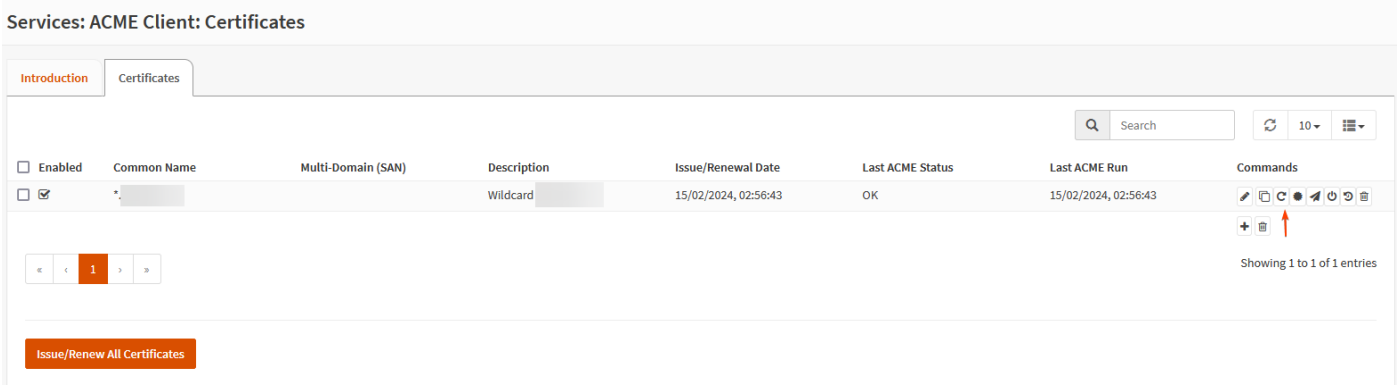
4. After registration Let's Encrypt go to **Services > ACME Client > Challenge Types** and configure ClouDNS. See image OPNSense_Challenge_ClouDNS.png



5. After setting up Challenge Types go to **Services > ACME Client > Certificates** and configure the certificate you want to use and select the previous created Challenge Type and Renew Webinterface automation. See image OPNS_Certificate.png

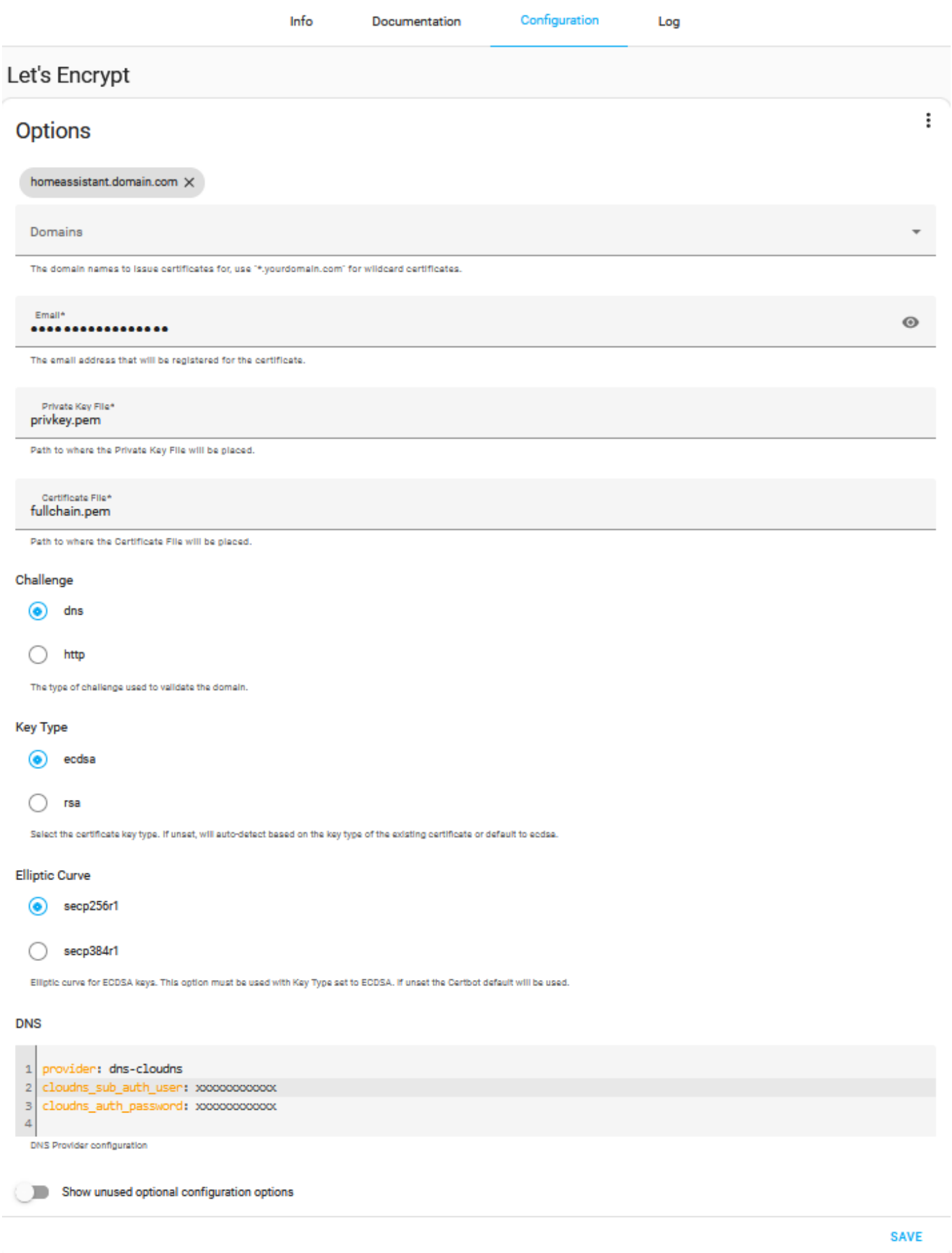


6. Select the **Issue or Renew certificate** command. See image OPNSense_RequestRenewCertificate.png



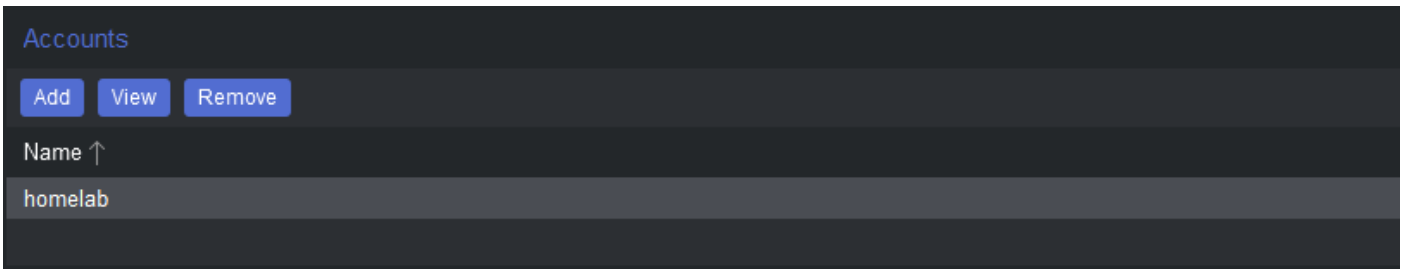
Home Assistant and ClouDNS

1. [1]Install the **Let's Encrypt add-on** in Home Assistant
2. Configure the **Let's Encrypt** add-on using DNS Challenge and ClouDNS as provider. See image HASS_ClouDNS.png

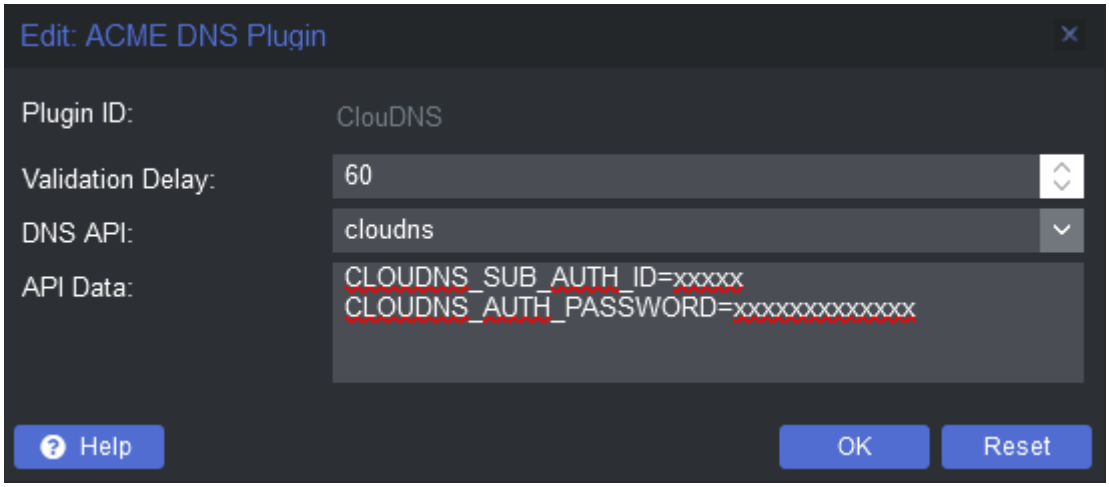


Proxmox and ClouDNS

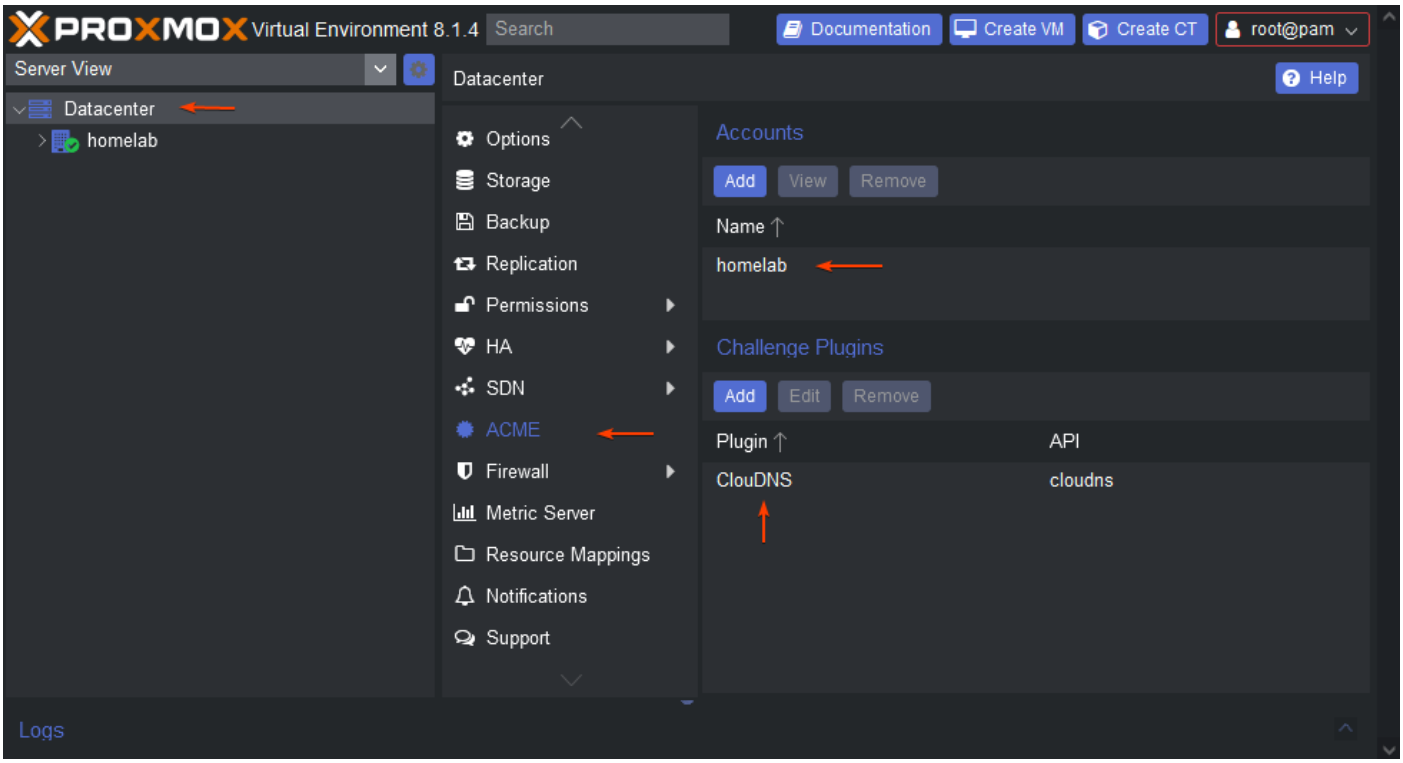
1. Install ACME Plugin if not already installed
2. After installation go to **Datacenter > ACME** and create account used for Let's Encrypt. See image Proxmox_ACMEClient_Overview.png



3. After creating Let's Encrypt account go to **Datacenter > ACME** and create Challenge Plugin using ClouDNS as provider. See image Proxmox_ACMEChallangePluginClouDNS.png



It should look like this:



4. After creating Challenge Plugin go to **Node > Certificates** and add ACME Domain. Select DNS as challenge and the previous created Challenge Plugin and fill in the domain name. See image Proxmox_NodeCertificateACME.png