CommandBox Lego Module

Let's get started

Who am I

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Working with ColdFusion since version 4.0

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https://github.com/murpg/cblego

Overview

This module provides a convenient way to generate SSL certificates using Let's Encrypt directly from your CommandBox CLI.

It integrates the Lego ACME client, allowing you to generate certificates using DNS challenges with support for multiple DNS providers.

Catalogue

Introduction

01.

Purpose

Facilitate SSL certificate generation using Let's Encrypt via the CommandBox CLI.
Integrate Lego ACME client for easy DNS challenge- based certificate issuance.

02.

Advantages

Utilizes reliable DNS-01 challenge for domain validation.
Supports multiple DNS providers.
Does not require public web server access, suitable for internal/private domains.

System Requirements

01

CommandBox 5.x+

02

Lego binary installed and in the system PATH.

03

Domain registered with a supported DNS provider.

04

API credentials/tokens from the DNS provider.

Lego Installation

Windows

Using Scoop.

Using PowerShell Script.

Manual Installation.

Module Installation and Configuration

install commandbox-cblego

CommandBox Module Installation

01

Command for module installation in CommandBox.
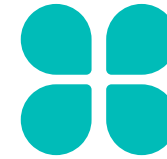
Install commandbox-cblego

Environment Variables Examples

Cloudflare

Token authentication.
Email+key authentication.
Additional optional settings.

easyDNS

Direct value and file- based
authentication.

Generating Certificates

cblego run envFile=cloudflare.env server=staging --dns.resolvers="1.1.1.1:53" path="./.certs"

Renewing Certificates

cblego run envFile=cloudflare.env server=staging --dns.resolvers="1.1.1.1:53" path="./.certs" --renew days=200

Wildcard Certificate

01

Commandbox example for wildcard certificate generation.

Common Issues and Solutions

01

"Invalid Credentials"

Tips for resolving invalid credentials errors.

02

"Access Denied"

Troubleshooting access denied errors.

03

"Token Expired"

Solutions for token expiration.

04

"Rate Limit Exceeded"

Handling rate limit issues.

05

"Invalid request headers"

Resolving issues specific to Cloudflare.

Supported DNS Providers

https://github.com/murpg/cblego/blob

Certificate Files

01

Explanation of generated certificate files and their locations.

Thanks for attending.

https://github.com/murpg/cblego

https://go-acme.github.io/lego/dns/index.html

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