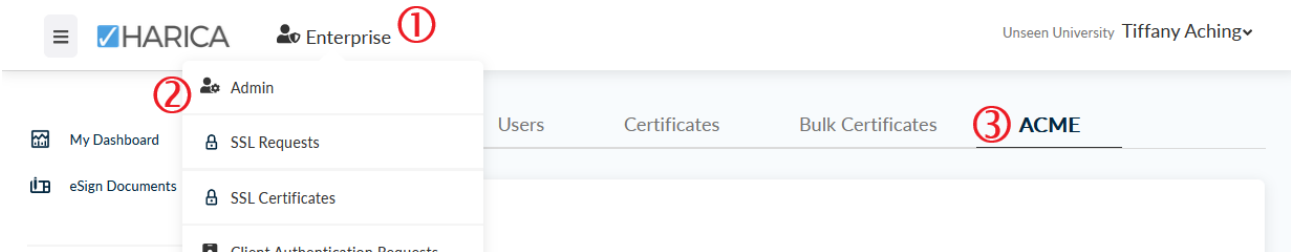


ACME instructions for TCS-g5 participants

Create an ACME Enterprise account

An Enterprise Admin can create as many ACME EAB accounts as needed:



When generating the account you only need to select the type of certificates allowed. It's also strongly recommended to set a friendly name, to easily manage ACME accounts:

Create ACME EAB Account

1 Choose Organization

Unseen University

Country: DW

State:

Locality: Ankh-Morpork

Name: Unseen University

Domains:

witches.discworld

wizards.discworld

Please note: You can define specific rules for each domain that will be included in this ACME EAB account later.

2 Choose Certificate Type

SSL OV

SSL DV

3 Add Friendly Name

A custom label to help you identify this account

library

☒ I, Tiffany Aching, declare that I read and agree with, by submitting this request, the Terms of Use and the Certification Practices of HARICA. I also agree that HARICA shall process, use and store the data from this request in accordance with the Data Privacy Statement.

Create

Close

Finally, it is essential to assign permissions on the organization's pre-validated domains:

Friendly Name	Organization	Created By	Created At	Status
library	Unseen University	tifing@witches.discworld	23/06/2025	

DetailsCertificatesDomains

Allow All Domains

Available Domains

Domain	Validity
+ witches.discworld	16/02/2026
+ wizards.discworld	19/02/2026

Active Rules (Explicit denial takes precedence over allowance)

Domain	Allowed	Rule applies to Subdomains
Domain	Allowed	Rule applies to Subdomains

There is an option to allow this ACME account to request certificates for all domains. Use it with care.

Add or remove granular rules using + / - symbols preceding domains and rules.

CAUTION

It's easy to confuse the two blocks for active (green) and inactive (red) rules with blocks for allow (green) and deny (red) rules.

Handing out credentials

Enterprise Admin can use a secure channel to deliver EAB credentials for the newly created ACME account:

Friendly Name	Organization	Created By	Created At	Status
library	Unseen University	tifing@witches.discworld	23/06/2025	

Details	Certificates	Domains
<div><div>Organization</div><div>Unseen University</div></div> <div><div>Created At</div><div>Monday, June 23, 2025</div></div> <div><div>Created By</div><div>tifing@witches.discworld</div></div> <div><div>Key ID</div><div> y9uQK1jWKnLBXo7ZtcAW</div></div> <div><div>HMAC Key</div><div> wEtU0ltgOnezITHd7tNgz1ZKXspQfIJ7HKykEq28590</div></div> <div><div>Server URL</div><div> https://acme-v02.harica.gr/acme/e1cc4056-03b1-427a-b503-1196312ab111/directory</div></div> <div><div>Certificate Type</div><div>SSL OV</div></div> <div><div>Status</div><div></div></div> <div><div>Notes</div><div>Enterprise</div></div> <div><div>Tags</div><div></div></div> <div><div>Actions</div><div>Disable</div></div>		

Each ACME account has his own ACME server (there is no single directory for HARICA ACME server).

Register ACME account

With your preferred ACME client, set the ACME server (directory URL) and register account with EAB credentials given to you.

WARNING

Although contact information is optional in the standard, HARICA's ACME server is breaking if you do not provide any email when registering the account

Request certificates

ACME challenges are not used.

Any request for allowed domains automatically generated the certificate, without the need to demonstrate control (HTTP or DNS) over the domains.

At this time, any request for domains not allowed breaks HARICA's ACME server. You'll get the error **Internal Server Error**.

WARNING

The HARICA ACME server erroneously doesn't accept uppercase characters in DNS names. If they are used, the server generates a **malformed** error

Managing certificates

Enterprise admins have access to all certificates obtained via ACME, with options to download (both the certificate individually and the complete chain) and revoke:

Friendly Name	Organization	Created By	Created At	Status
library	Unseen University	tifing@witches.discworld	23/06/2025	✔

DetailsCertificatesDomains

CN:library.witches.discworldSerial: 7C7BF0922902926EC83697F9CAA43C10

Certificate

PEMDERBundle✕

StatusValid

Valid From2025-06-23T18:36:32

Valid To2026-06-23T18:36:32

Revoked At

Big problem: the only way to access one of these certificates in HCM is to enter each ACME account and review all the certificates it has obtained. ACME certificates don't appear in the general list of certificates.

Personal ACME accounts

Each HCM user can create up to three personal ACME accounts:

HARICA

Unseen UniversityEskarina Smith

My Dashboard

eSign Documents

ACME

Manage ACME EAB Accounts

To issue SSL/TLS server certificates using the ACME protocol, you must first create an ACME External Account Binding (EAB) account. This account currently allows you to obtain Domain Validated (DV) certificates by demonstrating control over your domain using the supported ACME challenge types: HTTP-01 and DNS-01.

Please note: You may have up to three (3) active EAB accounts at any given time.

Create +

Unlike enterprise ACME accounts (created by an Enterprise Admin), personal ACME accounts (created by oneself) imply that it is required to solve ACME challenges in order to get certificates.

Note that an enterprise administrator can also create a personal ACME account. The use of both types of ACME accounts (personal and enterprise) is very different.

Obviously, if you can solve ACME challenges, you'll be able to obtain certificates from many other CA, both free and paid: Let's Encrypt, ZeroSSL (Sectigo), GlobalSign, etc.

The use of ACME personal accounts can be enabled or disabled at the organization level. Its configuration appears in the institution's tags section:

Update Enterprise tags

☐ #IGTF-Organization

☐ #ACME-Personal

Save

Organization official name

ASCII-fied Name

Organizational Unit

State or province

Validity

2027

2025

Tags