



EBOOK

Step-by-Step

Unleash Your Full Potential with the eMCP
Starter Guide

CONFIDENTIAL CLOUD COMPUTING

enclave

WELCOME

Welcome to enclave, your platform for secure and confidential cloud computing.

With enclave eMCP you can deploy confidential cloud workloads in a few clicks—without worrying about data leaks or security gaps.

THIS GUIDE WILL WALK YOU THROUGH THE FIRST STEPS OF GETTING STARTED

01 Registering an account

02 Logging in

03 Creating your first project

04 Finding further resources

For more in-depth documentation, visit [enclave Docs](#).

Registration

STEP 1

Go to the registration page and fill in your details to create an account. Confirm your email by clicking the confirmation link in the email we sent you.

STEP 2

Click on the 'Create a new team' button, then enter a name for the team account and a contact email address.

Select or create team

Create a new team



Confirm your Email Address

Someone has created a console account with this email address. If this was you, click the link below to verify your email address

Confirm your Email Address

This link will expire in 5 minutes minutes.

If you didn't create this account, just ignore this message.

Create a new team

Cancel

- 1 Team Info
- 2 Add payment method
- 3 Invite Members

Team Info

Name
My team

Important operational emails are sent to this email address.

Email

Continue

Registration

STEP 3

Complete your account setup:

- Verify your identity by adding a payment method. No charges will be made.
- Fill in your billing information.

The screenshot shows the 'Add payment method' step of the registration process. On the left, a progress indicator shows three steps: 1. Team Info, 2. Add payment method (highlighted in orange), and 3. Invite Members. The main form area is titled 'Add payment method' and contains the following fields:

- Payment method** section:
 - Card details***: A field for 'Card number' with a placeholder 'MM / YY CVC' on the right.
 - Cardholder name***: A text input field.
- Billing Address** section:
 - Country**: A dropdown menu currently showing 'Germany'.
 - Company Name**: A text input field.
 - Address Line***: A text input field with a red border and a red asterisk, indicating it is required.
 - City***: A text input field with a red border and a red asterisk, indicating it is required.

STEP 4

Invite your team members (optional). Then click 'Finish' to complete your registration.

The screenshot shows the 'Invite Members' step of the registration process. The page has a light blue header with the title 'Create a new team' and a 'Cancel' link on the right. On the left, a progress indicator shows three steps: 1. Team Info, 2. Add payment method, and 3. Invite Members (highlighted in orange). The main form area is titled 'Invite Members' and contains the following elements:

- Invite Members** section:
 - Enter email address of members to be invited to the team**: A text input field with a placeholder 'Email' and a '+' button on the right.
 - Invites**: A text input field with a placeholder 'Your invites are empty...'.
 - Finish**: An orange button at the bottom of the form.

Create a project

STEP 1

To set up your confidential virtual machine (VM), open the dashboard and select the 'Get Started with VM' button.



Create a Confidential VM
Virtualize in enclaves

first-project DEFAULT
Development - Update your project information under Settings

Resources Activity Settings

Virtual machines (3)

Name	Status	Actions
test-azure-debian-2vcpu-8gb-0	Running	Stop, Delete, etc.
test-aws-debian-2vcpu-8gb-0	Running	Stop, Delete, etc.
test-gcp-debian-2vcpu-8gb-0	Running	Stop, Delete, etc.

Create something new

- Create a Managed Database: Data-in-Use encrypted databases
- Create a Confidential VM: Virtualize in enclaves
- Create a Managed Nextcloud: Collaborate securely and share files
- Create a Confidential Kubernetes: Build high-available applications

Confidential Computing explained

- What is Confidential Computing?
- What problems solves the technology?
- Technologies in depth

STEP 2

Now define your VM details:

- Choose a name for you VM.
- Set your preferred configurations.

Create Confidential VM

VM are virtual machines that anyone can setup in seconds. You can use VM, either standalone or as part of a larger, cloud based infrastructure.

Choose Cloud Provider

Azure AWS GCP

Choose Region

Ireland Netherlands Germany Switzerland Singapore

Choose Datacenter

North Europe

Choose Image

Ubuntu Debian

Create a project

STEP 3

Set up authentication:

- We recommend using an SSH key.
- Click Generate Key Pair in the drop-down menu.

Search by resource name or public IP (Ctrl+B) Create My team Estimated costs € 0.00

☒ **SSH Key**
Connect to your VM as the "root" user with an SSH key pair

☐ **Password**
Connect to your VM as the "root" user via password

Select existed key pair or create/generate a new one

Select key pair

- Add public SSH Key
- Generate key pair

✓ Not FIPS 140-2, FIPS 140-2, and ANSI X9.36 compliant entropy source
 ✓ Index encrypts the key in memory, on disc and during VM provisioning

⚠ The root ssh key will be displayed after the VM setup and securely stored in the vault. You will not be sent an email containing the VM's details or ssh key.

Finalize Details

Subscription

€ 30.00 / month
€ 0.05 / hour

[HAVE A PROMO CODE?](#) Create Virtual Machine

Please setup your authentication method first

STEP 4

In the pop-up prompt, enter a name for the SSH key and click Generate SSH Key. You can either create a Public Key or a Private Key.

Download the Public Key/Private key from the tab.

Search by resource name or public IP (Ctrl+B) Create My team Estimated costs € 0.00

Generate SSH key pair

PUBLIC KEY PRIVATE KEY

Public Key

Name

Generate SSH key

2. Import SSH key pair

3. Create the `~/.ssh/` directory if it doesn't already exist by running the following command:

```
bash
mkdir -p ~/.ssh/
```

4. Navigate to the `id_ecdsa` private key file within the `~/.ssh/` directory using a text editor of your choice; for instance, you can use nano:

```
bash
nano ~/.ssh/id_ecdsa
```

5. Paste the private key into the file, save, and exit. For the public key, open the `id_ecdsa.pub` file in the `~/.ssh/` directory:

```
bash
nano ~/.ssh/id_ecdsa.pub
```

6. Paste the public key into the file, save, and exit. Secure that the

€ 0.10 / hour

Please setup your authentication first

Click „Create VM“ and wait for the setup to complete.

Congratulations, your Confidential VM is ready!

RESOURCES

Need help?

Explore our documentation

Find detailed step-by-step guides for all enclave products at docs.enclave.cloud.

Contact support

support@enclave.io

Troubleshooting

- **Didn't receive a confirmation email?**
Please check your spam folder.
- **Issues logging in?**
Reset your password via the login page
- **Problems with SSH keys?**
Refer to our SSH setup guide in the documentation.

Community & updates

- **Join the conversation:**
Follow us on LinkedIn for product updates & security insights.
- **Stay informed:**
Subscribe to our newsletter for new features & best practices.

Security best practices section

Security is a big thing for us, so here is also a quick security checklist you should keep in mind

- Use strong, unique passwords. We require a 15-character Password!
- Regularly review access permissions for team members
- Store your SSH keys securely

NEXT STEPS

Learn everything you need to know about
Confidential Computing

