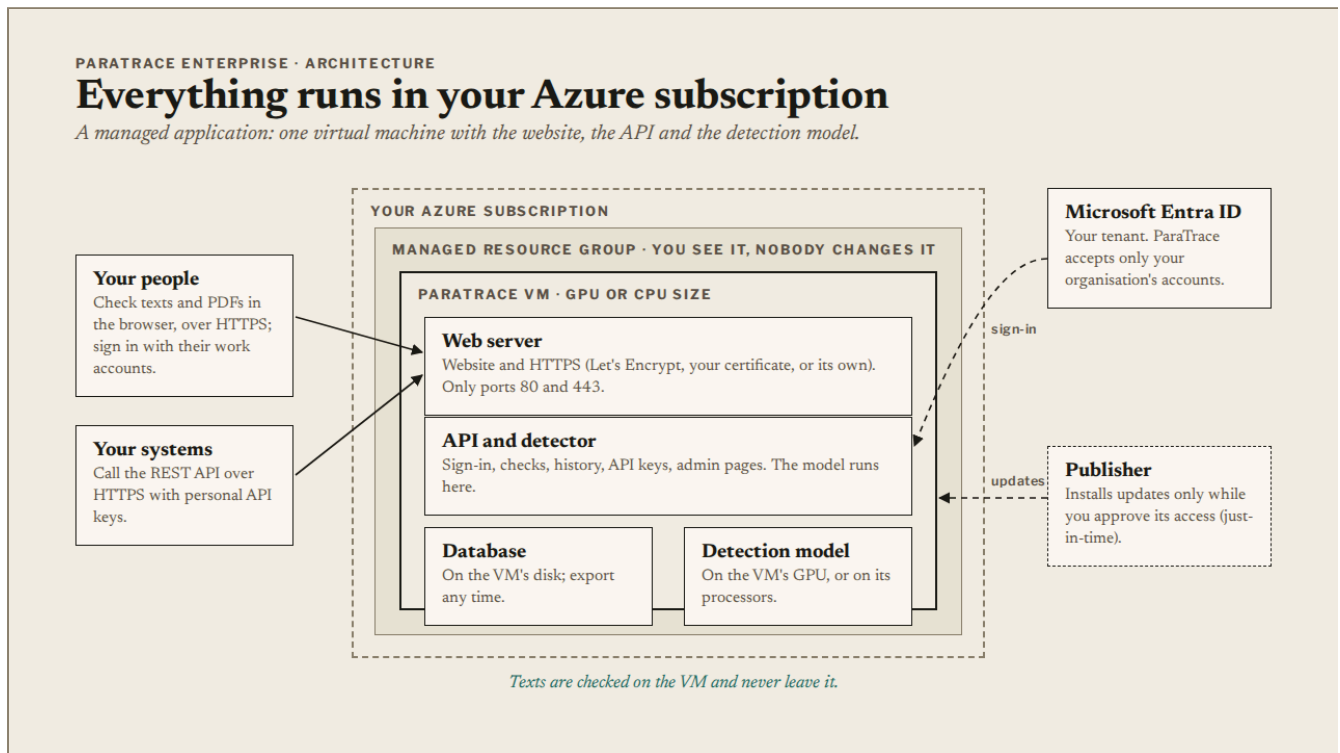


Setting up ParaTrace Enterprise

AI text detection that runs in your own Azure subscription. This guide takes you from the Azure Marketplace to the first sign-in, in about fifteen minutes.



BEFORE YOU START

What you need

- An Azure subscription in which you may deploy Marketplace applications.
- Someone who can register applications in your Microsoft Entra ID, and grant admin consent if your organisation requires it (for example an Application Administrator).
- For a free, trusted certificate: the VM reachable from the internet on ports 80 and 443. For a VM on your private network only: a certificate from your own certificate authority, or the VM's own (see step 4).

STEP 1

Deploy ParaTrace from the Azure Marketplace

In the Azure portal, find **ParaTrace Enterprise** in the Marketplace and select **Create**. The form asks for:

SECTION	WHAT TO CHOOSE
Basics	Subscription, resource group and region. Keep the suggested application and managed resource group names.

Virtual machine	Its size. Sizes with an NVIDIA GPU (NC series, for example <code>Standard_NC4as_T4_v3</code>) check texts several times faster. Without a GPU, choose at least 8 vCPUs and 32 GB of memory, for example <code>Standard_D8s_v5</code> . The verdicts are the same either way.
Network	A new virtual network, or one of yours to reach ParaTrace from your private network. A public IP address with a DNS name (<code><name>.<region>.cloudapp.azure.com</code>), or <i>None</i> to keep ParaTrace on your private network. Only ports 80 and 443 are opened.
Publisher access	Just-in-time access: the publisher asks for access for a limited time when it installs an update or helps you, and you approve or decline each request.

Review and create. When the deployment is done, the VM starts ParaTrace by itself; loading the detection model takes a minute or two.

STEP 2

Find the setup URL and the setup code

In the Azure portal, open your ParaTrace application and select **Parameters and Outputs**:

- **setupUrl**: the address of the setup page, for example `https://paratrace-1a2b3c4d.westeurope.cloudapp.azure.com/setup`.
- **setupCode**: the VM's ID. Only someone who can see the deployment in your Azure subscription knows it, so only you can complete the setup.

STEP 3

Register ParaTrace in Microsoft Entra ID

In the Microsoft Entra admin center, go to **Applications** → **App registrations** → **New registration**:

1. Name: **ParaTrace**.
2. Supported account types: **Accounts in this organizational directory only**.
3. Redirect URI: platform **Single-page application (SPA)**, address `https://<your domain>/auth/microsoft`, with the DNS name from step 1 or your own domain from step 4.
4. Select **Register**. On the **Overview** page, copy the **Application (client) ID** and the **Directory (tenant) ID**.
5. Under **API permissions**, make sure Microsoft Graph's delegated permissions `openid`, `profile` and `email` are there. If your organisation doesn't let people consent to apps themselves, select **Grant admin consent**.

No client secret or certificate is needed: ParaTrace signs people in through the browser. It accepts only accounts of your organisation's directory.

STEP 4

Complete the setup page

Open the setup URL. The first time, your browser warns about the certificate: until the setup is complete, the VM uses a certificate of its own. Continue to the page and fill it in:

FIELD	WHAT TO ENTER
Setup code	The setupCode from step 2.
Directory (tenant) ID	From the app registration's Overview page (step 3).
Application (client) ID	From the same page.
Admins	The work email addresses of the people who will manage ParaTrace, one per line. They become admins when they first sign in; admins can make others admins later.
Domain	The address people will use. It is filled in with the DNS name from step 1. For your own domain, first create a DNS record that points at the VM: a CNAME to the DNS name, or an A record to its public IP address. Leave it empty to use the VM's IP addresses only.
Certificate	Automatic (Let's Encrypt): a free certificate, renewed by itself; the domain must be reachable from the internet on ports 80 and 443. This server's own: for a domain that only resolves inside your network; browsers warn until your devices trust its root certificate, which the page offers for download. Your own certificate: upload a certificate with its chain and its private key, both PEM, for example from your organisation's certificate authority.
Email for Let's Encrypt	Optional: where Let's Encrypt writes about certificate problems.
Delete checks after (days)	How long checks made on the website are kept, with their texts. 0 keeps them until their owner deletes them. Checks made through the API are never stored.

ADDRESS AND CERTIFICATE

DOMAIN
The address people will use, pointing at this VM. Leave it empty to use the VM's IP addresses only.

paratrace.contoso.com

CERTIFICATE

Automatic (Let's Encrypt)

☒ A free certificate, renewed on its own. The domain must point at this VM, and ports 80 and 443 must be open to the internet.

This server's own

☐ For a domain that only resolves inside your network. Browsers warn until your organisation's devices trust the server's certificate authority: [download its root certificate](#).

Your own certificate

☐ Upload the certificate (with its chain) and the private key, both PEM, the key without a password.

EMAIL FOR LET'S ENCRYPT (OPTIONAL)
Let's Encrypt writes there about certificate problems.

HISTORY

DELETE CHECKS AFTER (DAYS)
Website checks, with their texts, are deleted once they are this old. 0 keeps them until their owner deletes them.

The setup page: the domain and the certificate.

Select **Complete setup**. The page then shows the redirect URIs to check in your app registration, and a **recovery code**.

Save the recovery code now, for example in your organisation's password vault. Together with the setup code, it opens the setup page again if nobody can sign in, for example after a wrong tenant ID. It is shown only once; admins can issue a new one later under Admin → Settings.

STEP 5

Sign in and manage ParaTrace

Open `https://<your domain>/` and sign in with Microsoft. Everyone in your organisation can sign in the same way; their account is created at their first sign-in. Admins find four sections on the **Admin** page:

- **People:** who uses ParaTrace and how much; make admins; switch accounts off.
- **Usage:** checks, documents and words per day, on the website and through the API.
- **API keys:** everyone can create one key for your own systems; admins can switch keys off.
- **Settings:** the values from step 4, a new recovery code, and **Download all data**.

ENGLISH TEXTS ONLY

CHECK TEXT

HISTORY

API KEY

API

ADMIN

ENTERPRISE EDITION

ADMIN

Your organisation's ParaTrace

PEOPLE

USAGE

API KEYS

SETTINGS

Everyone who has signed in. Switching an account off ends its sessions and stops its API key.

PERSON	CHECKS	WORDS	LAST CHECK	ROLE	ACCOUNT
Sofia Romano sofia.romano@contoso.com	37	36,018	8 Oct 2026, 20:56	User Make admin	On Switch off
Jonas Weber jonas.weber@contoso.com	55	52,201	11 Oct 2026, 11:02	User Make admin	On Switch off
Priya Shah priya.shah@contoso.com	52	52,621	9 Oct 2026, 16:10	Admin Make user	On Switch off
Anna Berger anna.berger@contoso.com	40	33,556	12 Oct 2026, 11:51	Admin	On
Lukas Novak lukas.novak@contoso.com	568	311,668	12 Oct 2026, 01:53	User Make admin	On Switch off
Daniel Okafor daniel.okafor@contoso.com	531	289,164	12 Oct 2026, 00:51	User Make admin	On Switch off

The Admin page: the people of your organisation and their use.

STEP 6

Connect your own systems

Each person creates their key on the **API key** page and sends it with every call as `Authorization: Bearer <key>`. The API reference is at `https://<your domain>/docs`.

```
curl -X POST https://<your domain>/v1/api/detect \  
-H "Authorization: Bearer <key>" \  
-H "Content-Type: application/json" \  
-d '{"text": "The text you want to check ..."}'
```

GOOD TO KNOW

Running ParaTrace

- **Your texts stay on the VM.** ParaTrace sends nothing to the publisher. The VM connects only to Microsoft's sign-in service, to Let's Encrypt for automatic certificates, to Ubuntu's update servers, and, during an update you approve, to the publisher's container registry.
- **Updates:** the publisher asks for just-in-time access, and you approve it in the Azure portal (your application → JIT access). An update takes a few minutes; if the new version doesn't start properly, the previous one comes back by itself.
- **Nobody can sign in?** On the sign-in page, select *Nobody can sign in? Reopen the setup page*, and enter the setup code and the recovery code. Everyone is signed out; people, API keys and history stay.
- **Your data:** Admin → Settings → Download all data gives everything ParaTrace keeps as one ZIP. Deleting the application in Azure deletes the VM and everything on it.
- **What the verdicts mean:** ParaTrace estimates whether a text was written by AI; it is not proof of authorship. It checks English texts. At the strict setting about 1 in 100 human texts in our tests is flagged,

at the lenient setting about 5 in 100.