



Deynao

Oracle supervision and diagnostics

Deynao — Installing the portable edition

Get Deynao running on a Windows machine — no installation, no administrator rights

Audience — System administrator · IT department · DBA

Level — Beginner — no technical skills required

Guide version — 1.0

Deynao — Installing the portable edition

The **portable** edition of Deynao is a **self-contained** package: a complete application engine (embedded web server and Python runtime) delivered as a plain folder. **Nothing to install, no administrator rights, no dependency** to download. You unzip it, you double-click, and you use Deynao in your browser.

This guide walks you through it **step by step**, from the ZIP file to your **first monitored database** — designed so that **anyone** can install Deynao by following the steps in order.

 **Two packages, two purposes.** The **portable** edition (this guide) is ideal to **evaluate** Deynao and run **point-in-time diagnostics**: it works as long as the machine is on and the application is open. For **permanent 24/7 monitoring** that starts with the server (even with no session open), Deynao also ships as a **Server package** (installed as a **Windows service**) — see the last step.

Step 1 — What you need

Before you start, gather these items. It is **deliberately minimal** — that is the whole point of the portable mode.

Item	Detail
A Windows machine	Windows 10 / 11 or Windows Server. No administrator rights required for portable mode.
Some disk space	About 300 MB unzipped. A folder you can write to (a local drive is recommended).
A web browser	Edge, Chrome, Firefox... (already on the machine).
The Deynao package	The <code>Deynao-Portable-<version>.zip</code> file provided by the Deynao team ($\approx$ 97 MB).
Your license key	A text key provided by Deynao (verified offline , no Internet needed).
Read access to Oracle	The connection details of the database(s) to monitor (ideally a dedicated read-only account — we create it in Step 7).

 **Do you need an Oracle client? No** for Oracle **12c and later**: Deynao connects in *thin* mode (driven by Python, **without** any Oracle Client). Only Oracle **11g** requires the Oracle Instant Client (*thick* mode). Deynao **detects the right mode automatically** at startup.

Step 2 — Unzip the package

Copy the `Deynao-Portable-<version>.zip` file **wherever you like** — for example `C:\Deynao` or `D:\Deynao`. Portable mode imposes **no fixed location**.

Right-click the ZIP, then extract it. You can use **7-Zip** ("*Extract Here*") or the built-in Windows tool ("*Extract All...*").

Unzipping takes only a few seconds (about **260 MB** and 3,000 files, including the embedded Python runtime). You end up with a `Deynao-Portable-<version>` folder. **All of Deynao lives in that folder.**

💡 **Why is there no screenshot here?** The extraction runs in **Windows Explorer**, in your own operating system's language. The action is the same everywhere: *right-click* → *Extract*.

Step 3 — Explore the folder contents

Open the extracted folder. It has a simple, readable structure:

Item	Role
<code>Deynao.cmd</code>	The launcher . This is the only file you double-click to start Deynao.
<code>LISEZMOI.txt</code>	The quick start in 5 steps (a summary of this guide).
<code>app</code>	The application core (compiled code + web interface). Replaced during an update.
<code>runtime</code>	The embedded Python runtime — this is what makes the package self-contained.
<code>data</code>	Your data: saved databases, license, history. Do not touch it by hand.
<code>docs</code>	Reference PDF sheets (overview, security, network prerequisites, FAQ...).
<code>.env</code>	The configuration , including this installation's unique encryption key .

The bundled `LISEZMOI.txt` file holds the essentials — a 5-step quick start:

Deynao — Oracle supervision (portable edition)

1. **Unzip** this folder wherever you like (e.g. `D:\Deynao`). No installation, no administrator rights.
2. **Double-click** `Deynao.cmd` . On first launch, a unique encryption key is generated automatically (the `.env` file). A black window opens: that is the Deynao server. Leave it open while you use the application.
3. Open your browser: `http://127.0.0.1:8000`
4. Create the administrator account (offered on the first screen).
5. Paste your license key: **Settings** → **License**. (The key was sent to you by the Deynao team.)

 **Two golden rules right away.** (1) **Your data lives in the `data` folder**, next to `Deynao.cmd` — to **move** or **back up** Deynao, just copy the **whole folder**, everything follows. (2) **Never** change the `ORACLEPILOT_SECRET_KEY` line in `.env` after first use: the Oracle passwords already saved would become **unreadable**. More on this in Step 10.

Step 4 — Start Deynao

Double-click `Deynao.cmd` .

- On the **very first launch**, Deynao automatically generates an **encryption key** unique to your installation (written to `.env`). This is what protects the Oracle passwords you will save.
- A **black window** (console) opens: **this is the Deynao server. Leave it open** while you use the application.

That console tells you everything is in order:

- **ORA-12899 protection** and **zero-log protection** enabled: Deynao **never pollutes** the log files (`alert.log`) of your monitored databases.
- An **"ORACLE CONFIGURATION"** block shows the detected connection **mode**.
- The last line confirms: `Uvicorn running on http://127.0.0.1:8000` → Deynao is ready.

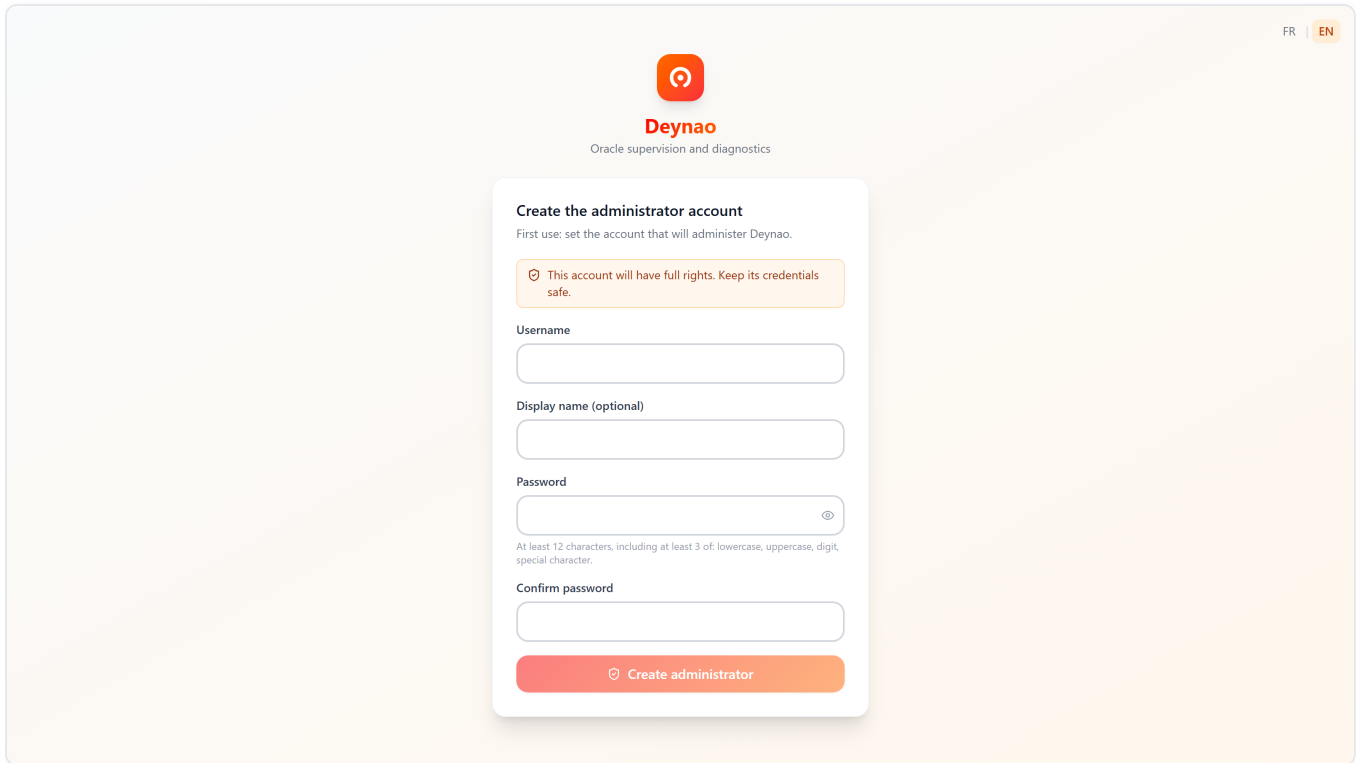
 **THIN or THICK mode?** If the machine has an **Instant Client** installed (to support Oracle **11g**), Deynao starts in **THICK** mode. On a machine **without** an Oracle client, the same console shows **THIN** mode (Oracle 12c+, **no client required**). Either way, **you have nothing to configure**: detection is automatic.

 **Closing the black window = stopping Deynao.** To resume later, simply run `Deynao.cmd` again.

Step 5 — Open Deynao and create the administrator account

Open your browser at: `http://127.0.0.1:8000`

On **first access**, Deynao offers to **create the administrator account** — the first user, who will have full rights.



The screenshot shows the Deynao web interface. At the top, there is a logo and the text "Deynao Oracle supervision and diagnostics". In the top right corner, there are language selection buttons for "FR" and "EN". The main content area is a light orange color. In the center, there is a white card titled "Create the administrator account" with the subtitle "First use: set the account that will administer Deynao." Below the title, there is a warning box that says "This account will have full rights. Keep its credentials safe." followed by a checkmark icon. The form contains four input fields: "Username", "Display name (optional)", "Password", and "Confirm password". The "Password" field has a small eye icon to toggle visibility. Below the "Password" field, there is a note: "At least 12 characters, including at least 3 of: lowercase, uppercase, digit, special character." At the bottom of the card, there is an orange button with a checkmark icon and the text "Create administrator".

Enter a **username**, a **display name** (optional) and a **password**, then confirm. You are logged in.

 **What about other users?** You can then create **Operator** and **Viewer** accounts, with graded permissions (the *Users* menu). Fine-grained role management is covered in the **Autonomous supervision** guide.

Step 6 — Activate your license

Until a license is activated, Deynao shows a red banner "**No valid license detected**" and runs in restricted mode. Go to **Settings** → **License**, **paste the key** provided by Deynao, then click **Activate**. It takes effect **immediately**.



License

Deynao product license.

Status

Valid

Edition

Pro

Client

Environnement de demonstration

Expiry

8/31/2027 — 365 days left

Covered instances

30

Features

alerting, multibase

Paste your license key

Paste the key provided by Deynao here...

 Activate

The **License** card sums up your contract:

Field	Meaning
Status	Valid (green) when the key is accepted.
Edition	The subscribed tier (e.g. <i>Pro</i>).
Client	The license holder.
Expiry	The end date, with the number of days left .
Covered instances	The number of databases you may monitor.
Features	The included options (e.g. <i>alerting, multibase</i>).



Verified offline. The key is validated by **cryptographic signature** (Ed25519), with **no Internet call whatsoever** — consistent with Deynao's **100% on-premise** promise.

Just below, the **Deynao Health** card confirms the application **monitors itself** (operational status, version, database, migrations, collector state, e-mail queue):



Deynao health

Deynao application self-monitoring.

Operational

Status	Operational
Version	1.0.0-rc2
Up for	8 h 19 min
Database	Operational
Migrations	Up to date
Collector	Suspended (voluntary)
E-mail queue	Unknown

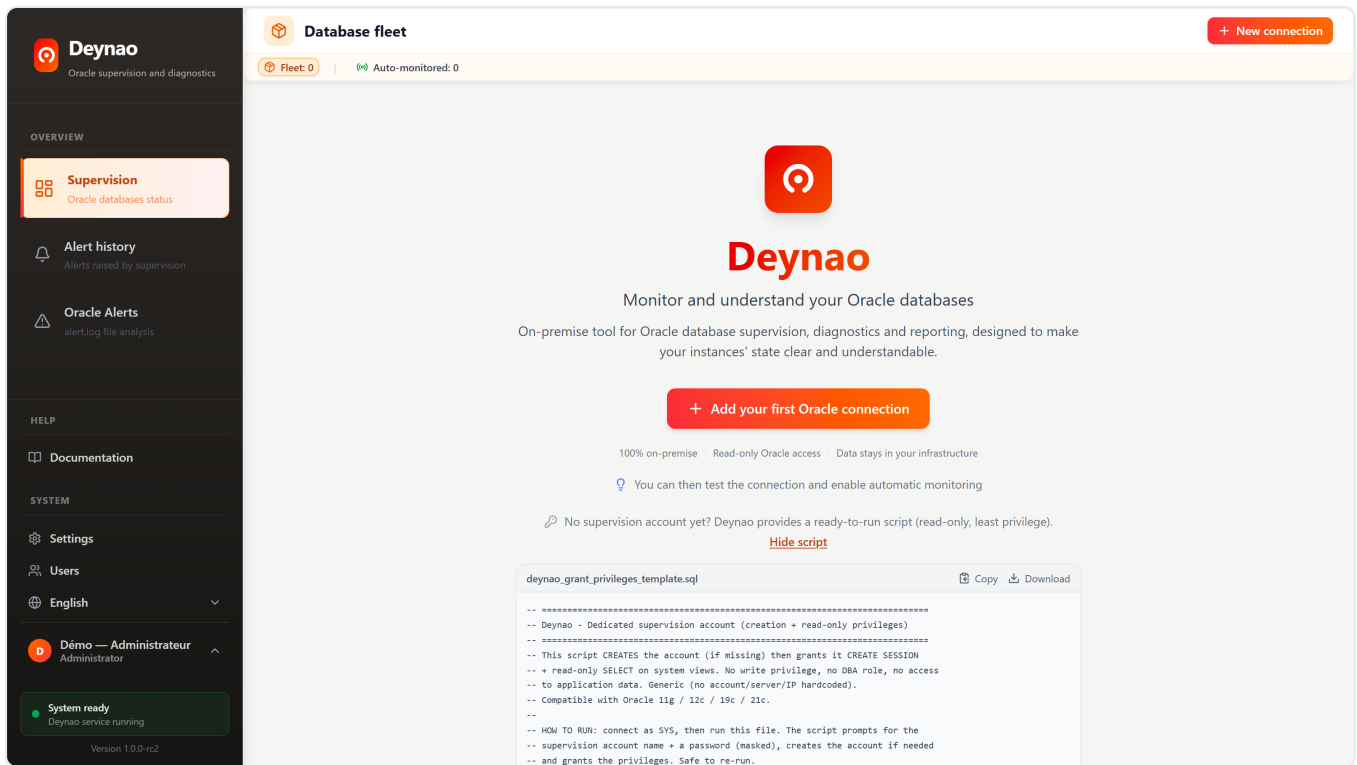
Last checked: 12:09:39 PM

 Refresh

Step 7 — (Recommended) Prepare a dedicated Oracle monitoring account

To monitor a database, Deynao needs an Oracle account. The **best practice** — and Deynao's firm recommendation — is to use a **dedicated, READ-ONLY** account (least privilege), rather than `sys` or an application account.

Deynao **provides the creation script, ready to run**. From the home screen (or the connection form), click "**View the GRANT script**" to download it.



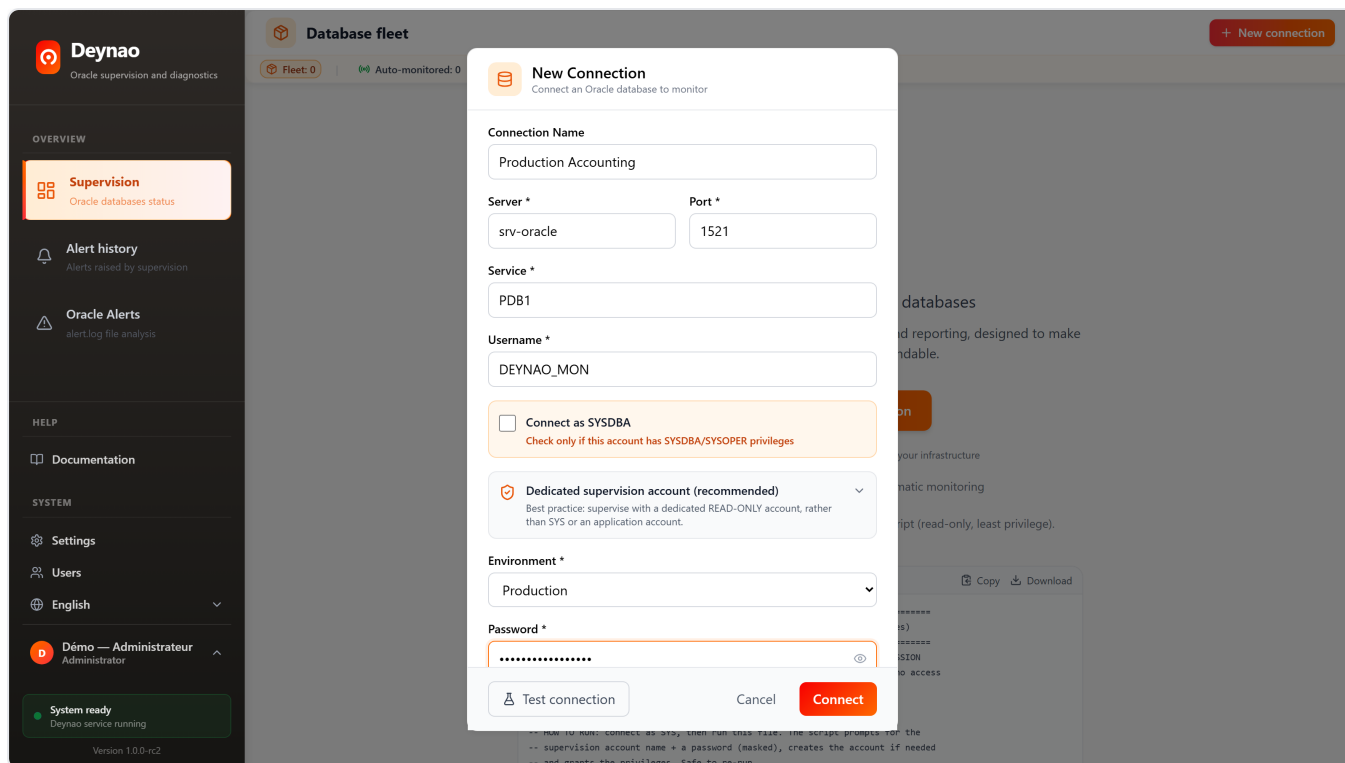
The script is also **bundled in the package**, under `app\scripts`, in **French and English** (`deynao_grant_privileges_template.sql` and `..._en.sql`). Have it run by an **Oracle administrator** (a `SYSDBA` account). The script is **interactive**: it **asks for the account name**, then grants it the strict minimum:

- It **creates the account** (if missing) and grants it **CREATE SESSION** + **read-only SELECT** on the required system views.
- **No** write privilege, **no** DBA role, **no** access to your application data.
- **Generic** (no hard-coded name or IP) and **compatible with Oracle 11g / 12c / 19c / 21c**.

💡 Naming tip. A clear name such as `DEYNAO_MON` makes the monitoring account easy to identify on the database side. The exact privileges granted are explained in the **Autonomous supervision** guide.

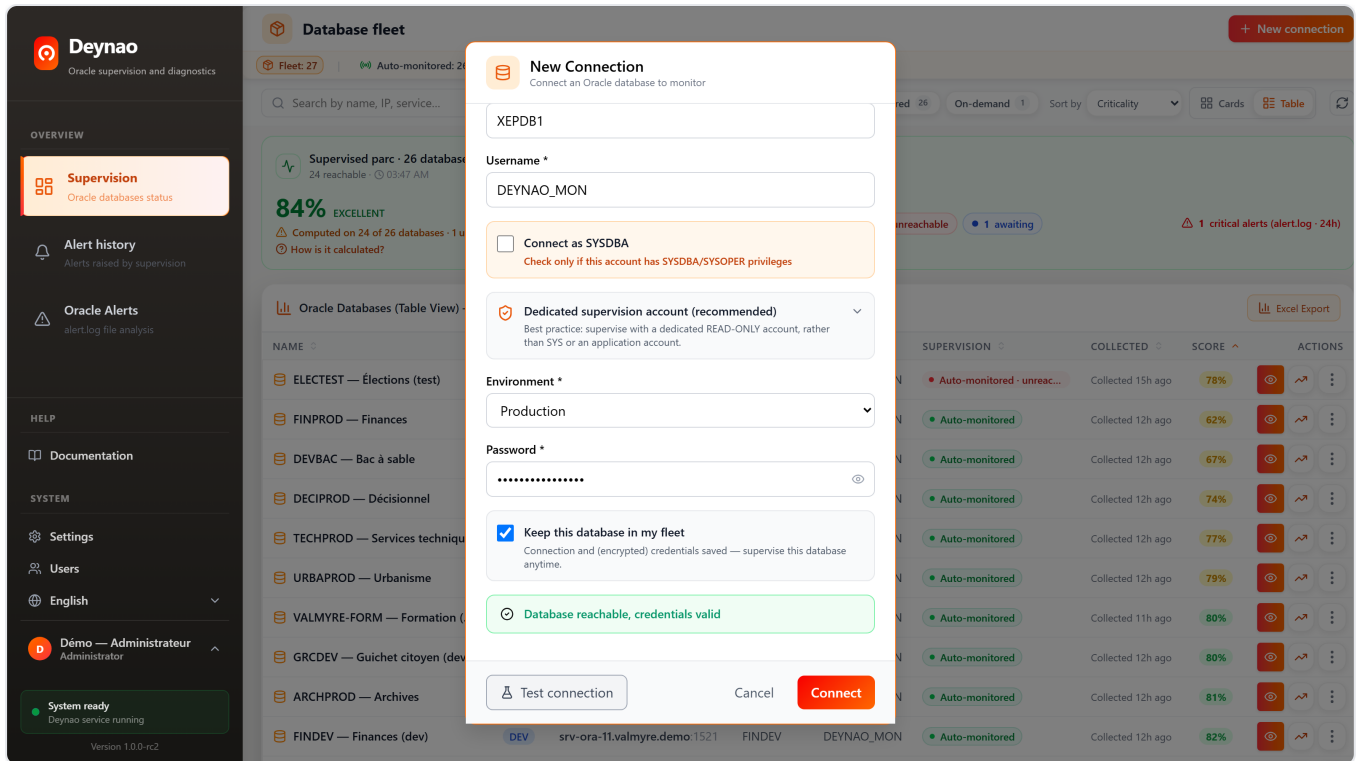
Step 8 — Register your first database

Back in Deynao, click **" + New connection "** (or *"Add your first Oracle connection"*). Fill in the database parameters:



Field	Example	Note
Connection name	<i>Production Accounting</i>	A meaningful label, for you.
Server	srv-oracle or an IP	The database host.
Port	1521	The Oracle <i>listener</i> port.
Service	PDB1	The Oracle service name.
Username	DEYNAO_MON	The dedicated account created in Step 7.
Environment	<i>Production / Test / Dev</i>	To organize your fleet.
Password	—	Stored encrypted .

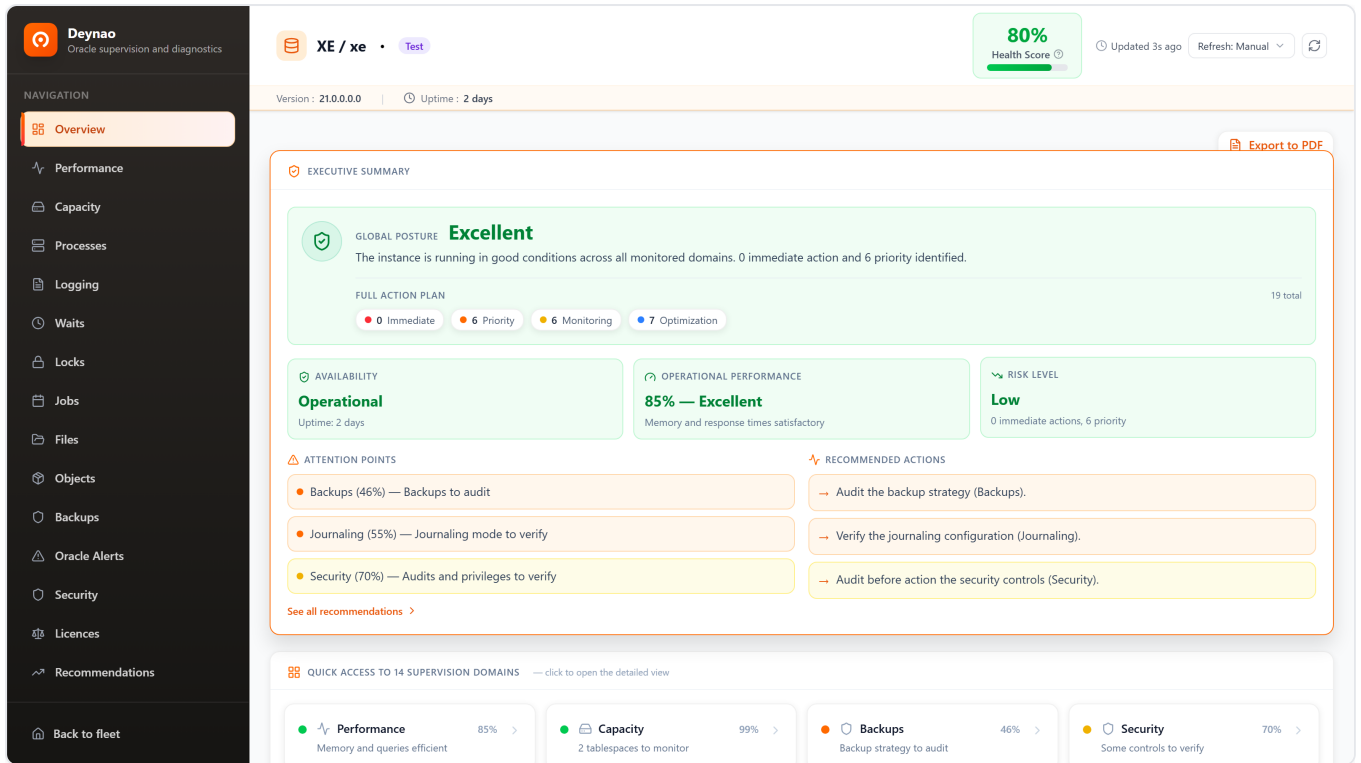
Click **"Test connection"**: a **green ✓** confirms Deynao reaches the database. Then **"Connect"**.



 **Your passwords are encrypted.** They are stored **encrypted** inside the `data` folder, using your installation's unique key (the one in the `.env` file). That is also why you must **never** change that key afterwards.

Step 9 — Check that everything works

Your database now appears in the **Fleet**. Click **"Live dashboard"**: Deynao **connects right now** to the database and shows the instance's full **current** state.



If you see the **health score**, the **executive summary** and the **domains** (Availability, Performance, Capacity, Security...), **your installation is validated**: Deynao reads your database correctly and safely.



1 2 3 4 Check the installed version while you are here. The bottom of the sidebar shows the product's version number. It must match the package you received: this is the simplest way to confirm you are running the expected version, and the first detail to give support if you ever have a question.

🚀 Towards continuous monitoring. On-demand, Deynao only collects when you open the dashboard. For it to **watch in the background and alert you**, enable **24/7 autonomous supervision** (one click from the database card) — a **dedicated read-only** account is then recommended. Autonomous supervision (collector, **email alerts**, rules, daily report, maintenance windows, role management) is the subject of a **dedicated guide**: *Deynao — Autonomous supervision*. It comes into its own with the **Server package** (see Step 12).

Step 10 — Day-to-day operation (good to know)

A few simple habits for a smooth portable experience:

Topic	Keep in mind
Start / stop	Double-click <code>Deynao.cmd</code> to start . Closing the console = stop . Run <code>Deynao.cmd</code> again to resume.
Portability	Your data lives in the <code>data</code> folder. To move or archive Deynao: copy the whole folder — everything follows (databases, license, history).
Backup	Copying the folder (or at least the <code>data</code> folder plus <code>.env</code>) is enough to back up your configuration.
Encryption key	⚠ Never change <code>ORACLEPILOT_SECRET_KEY</code> in <code>.env</code> after first use: the saved Oracle passwords would become unreadable .
Portable limit	A machine that is off or asleep does not collect. Portable mode is perfect to evaluate and diagnose — not for permanent monitoring (see Step 12).

Step 11 — Troubleshooting

Symptom	Likely cause	Fix
The console closes instantly	<code>.env</code> missing, or a read-only folder (network, ZIP not extracted)	Actually extract the ZIP (not a preview), into a folder you can write to.
The browser cannot reach <code>127.0.0.1:8000</code>	The console is closed, or a firewall blocks <i>localhost</i>	Check the black window is open ; allow local access.
Port 8000 is already in use	Another application (or a 2nd Deynao instance) holds the port	In <code>.env</code> , set another port, e.g. <code>DEYNAO_PORT=9000</code> , restart, then open <code>http://127.0.0.1:9000</code> .
License rejected	Key truncated on paste, or expired	Re-copy the whole key ; check the edition/expiry with Deynao.
Oracle 11g not supported (thin mode)	No Oracle Instant Client detected	Install the Instant Client, then set <code>ORACLE_CLIENT_PATH</code> (thick mode).
Message "collector: lock already held"	Another Deynao instance is already running	Normal: only one collector runs at a time. Close the extra instance.

💡 Advanced settings (`DEYNAO_PORT` , `DEYNAO_HOST` , Oracle mode...) live in the `.env` file at the package root. A **system environment variable** takes priority over `.env` .

Step 12 — Going further

Your portable Deynao is up and running. To get the most out of it:

- **The *Getting started* guide** — explore the dashboards, the **domains** (Performance, Capacity, Security, Backups...), the **recommendations** and the PDF/CSV **exports**.
- **The *Autonomous supervision* guide** — enable the **24/7 collector**, configure **email alerts**, understand the **rules**, the **daily report** and **role management**.
- **The *docs* sheets** — the package includes reference PDFs: *Overview*, *Choosing your package*, *Portable FAQ*, *Network prerequisites*, *Oracle transparency*, *Security and trust*, *Alert rules*, *SMTP settings*, *Activating a license*.

 **Going to production: the Server package.** For **permanent 24/7 monitoring** that starts **with the Windows server** (even with no session open, and that **survives** reboots), Deynao is deployed as a **Windows service** via the **Deynao-Server** package. Service installation is the subject of a **dedicated procedure**.

Deynao — Oracle supervision and diagnostics, 100% on-premise. Your data stays with you.