



Deynao

Oracle supervision and diagnostics

Deynao — Getting Started

A guided tour: from your first sign-in to supervising an Oracle database

Audience — Administrator · Operator (DBA)

Level — Beginner — no prior knowledge of Deynao required

Guide version — 1.0

Deynao — Getting Started

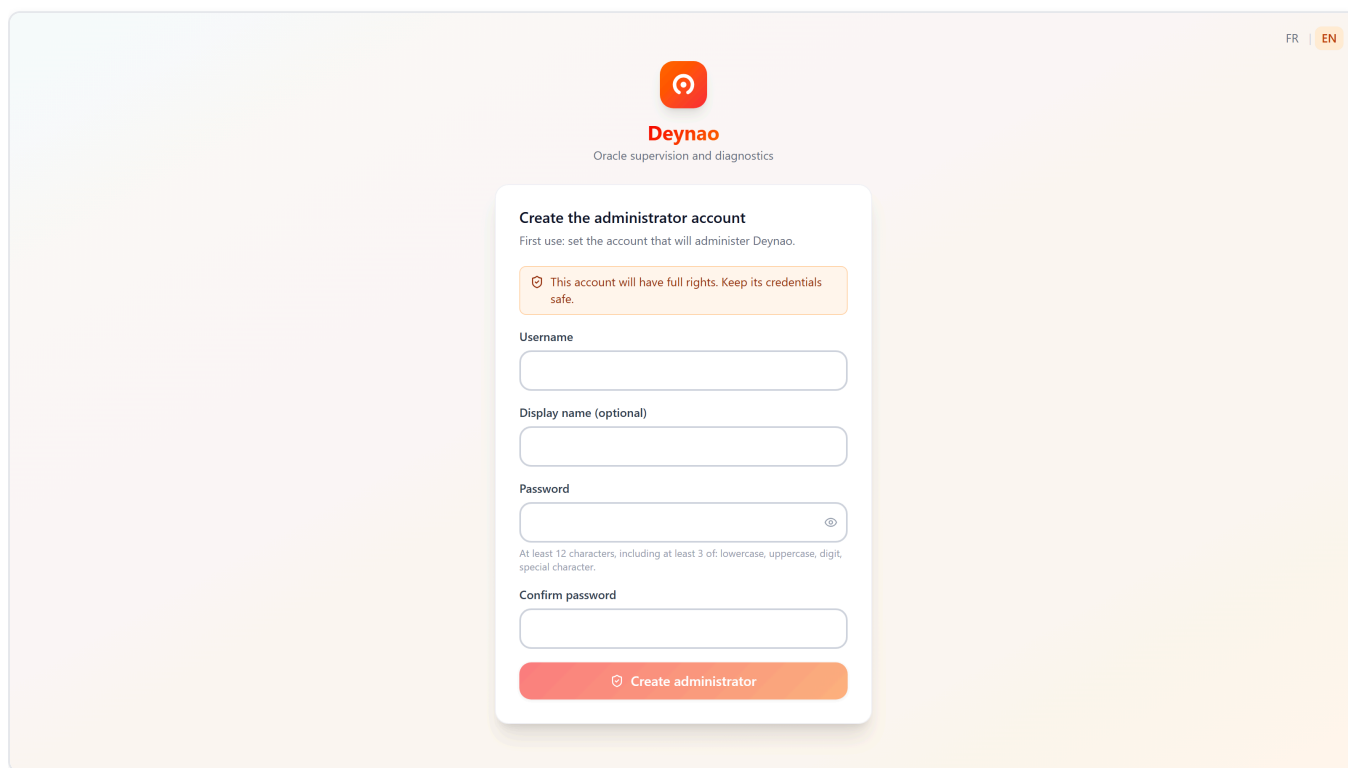
This guide walks you through **step by step**, from opening Deynao for the very first time to connecting and supervising your first Oracle database. By the end, you will know how to: create your account, read the **Database Fleet**, and **connect a database** to supervise.

What you need at hand: the Deynao access address (provided by your administrator), and the details of an Oracle database (server, port, service, a connection account).

Step 1 — First sign-in

1.1 Create the administrator account (on the very first launch)

The very first time Deynao is opened, no account exists yet: Deynao invites you to **create the administrator account** — the one that will manage the tool and the other users.



The screenshot shows the Deynao web interface for creating an administrator account. At the top, there is a Deynao logo and the text 'Oracle supervision and diagnostics'. Below this, a form titled 'Create the administrator account' is displayed. The form includes a warning message: 'This account will have full rights. Keep its credentials safe.' followed by input fields for 'Username', 'Display name (optional)', 'Password', and 'Confirm password'. The password field has a hint: 'At least 12 characters, including at least 3 of: lowercase, uppercase, digit, special character.' At the bottom of the form is a red button labeled 'Create administrator'. In the top right corner of the interface, there are language selection buttons for 'FR' and 'EN'.

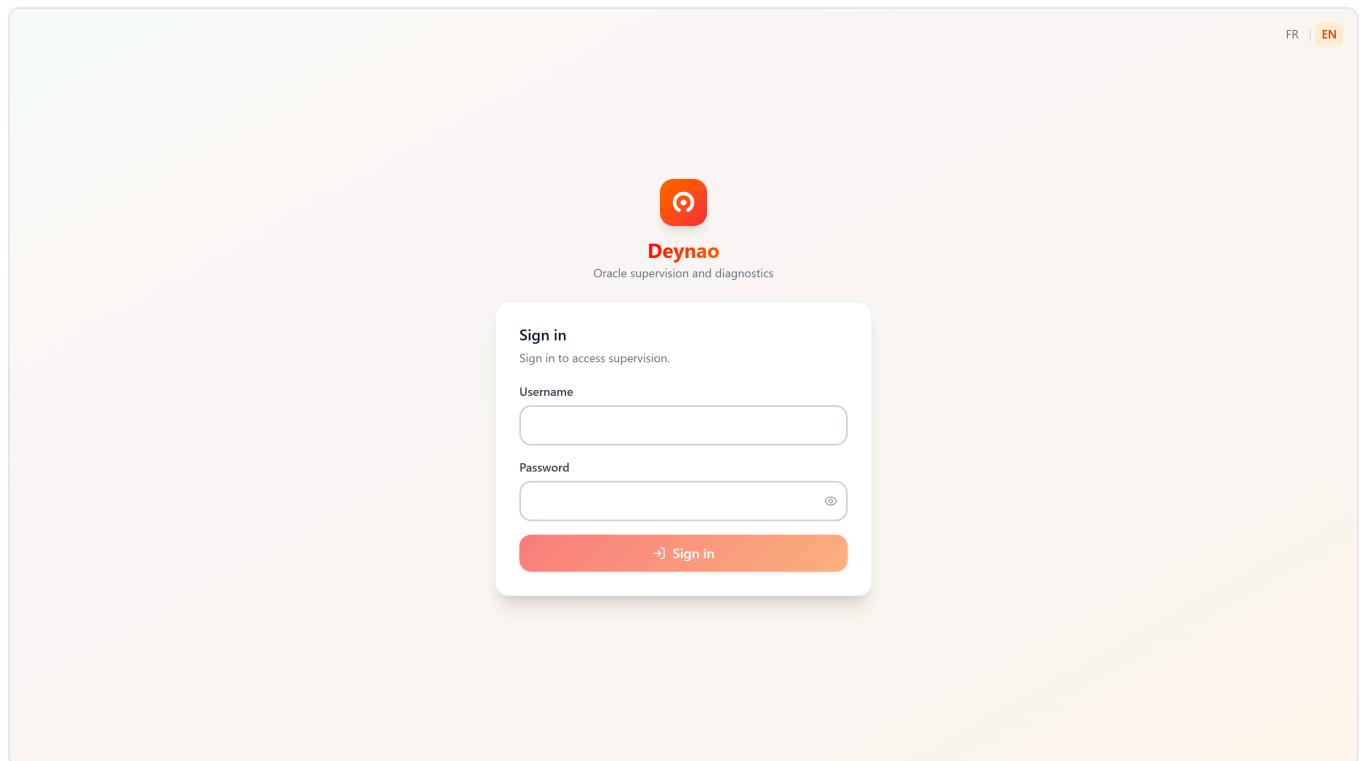
- **Username** — the administrator's sign-in name.
- **Display name** (*optional*) — the readable name shown in the interface.
- **Password** — **12 characters minimum**, with at least **3 types** among: lowercase, uppercase, digit, special character. Confirm it in the next field.

Click "**Create administrator**".

⚠ Important. This account has **full rights**. Keep its credentials safe: on a local (on-premise) install, there is no "forgot password" by email. This screen **appears only once**.

1.2 Sign in

On subsequent launches, Deynao shows the sign-in screen directly.



Enter your **username** and **password**, then click **"Sign in"**. The **FR / EN** selector in the top-right switches the interface language.

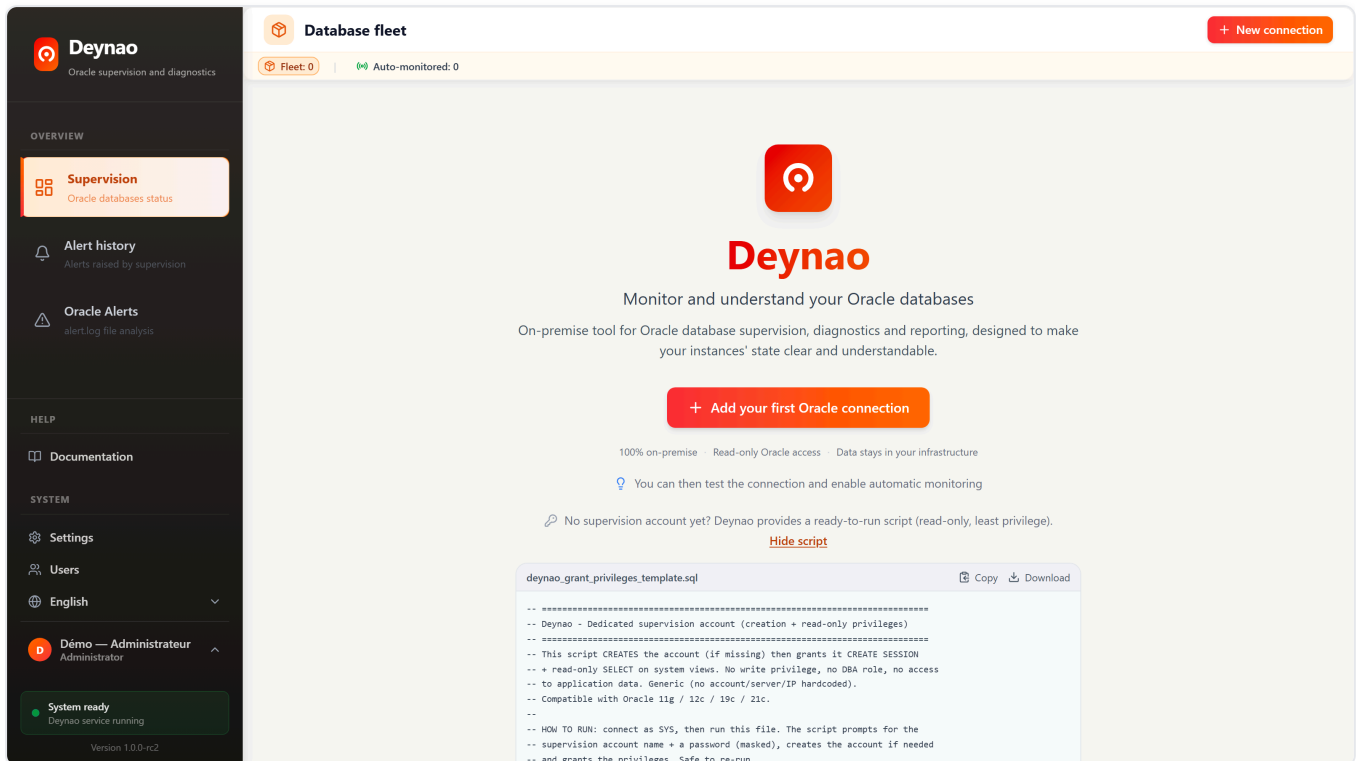
💡 The three profiles (access rights). Deynao distinguishes three roles, so that each person only sees and does what concerns them:

Profile	Can do
Administrator	Everything: users, settings, connections, supervision
Operator (DBA)	Supervise, connect databases, take action — but not manage users
Reader	View everything, without being able to change anything (ideal for a manager or a decision-maker)

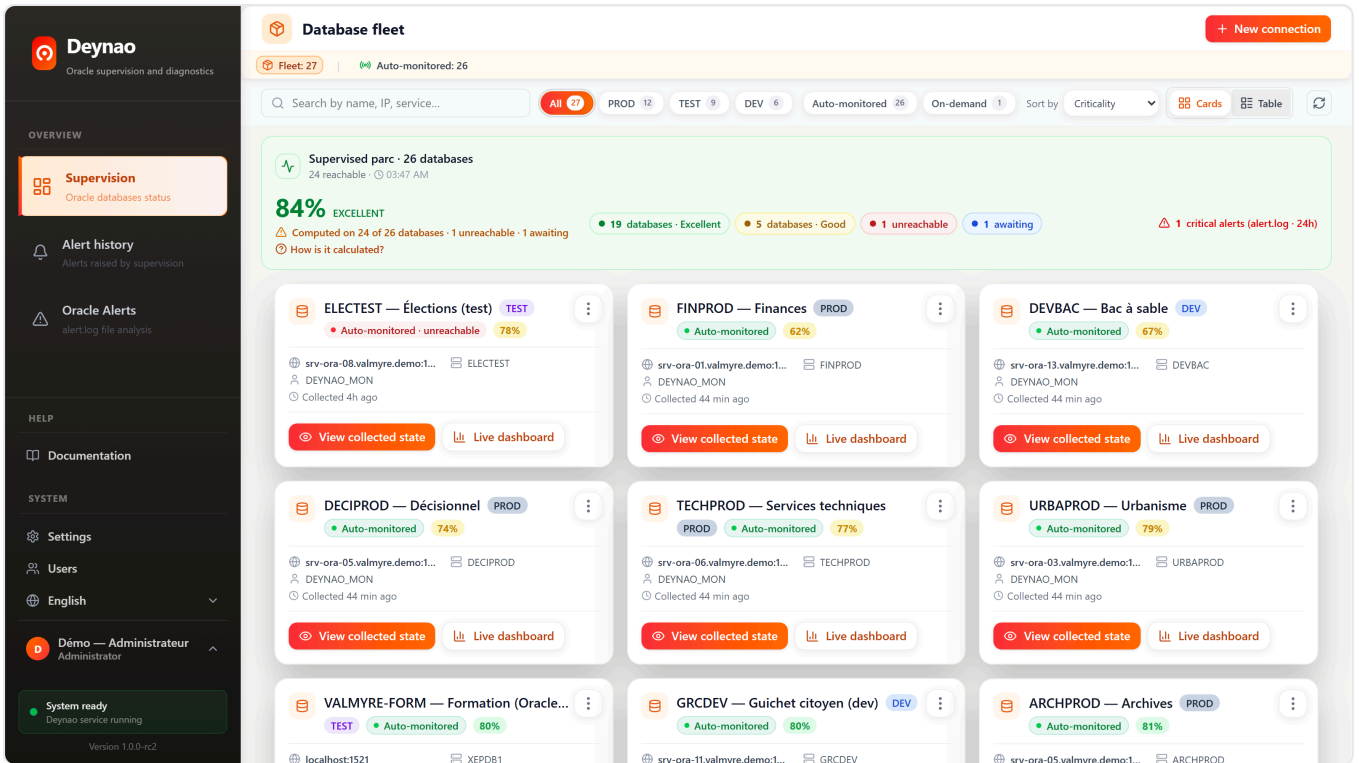
Step 2 — The Database Fleet

Once signed in, you land on the **Fleet**: the overview of all your Oracle databases. At a glance — how many databases, their health, and **exactly** what needs attention.

i On the very first launch, your Fleet is empty. Deynao welcomes you and invites you to **add your first connection** — reminding you of the essentials: **100% on-premise, read-only** access, data **kept on your side**. A **dedicated-account script** (least privilege) is even offered right away.

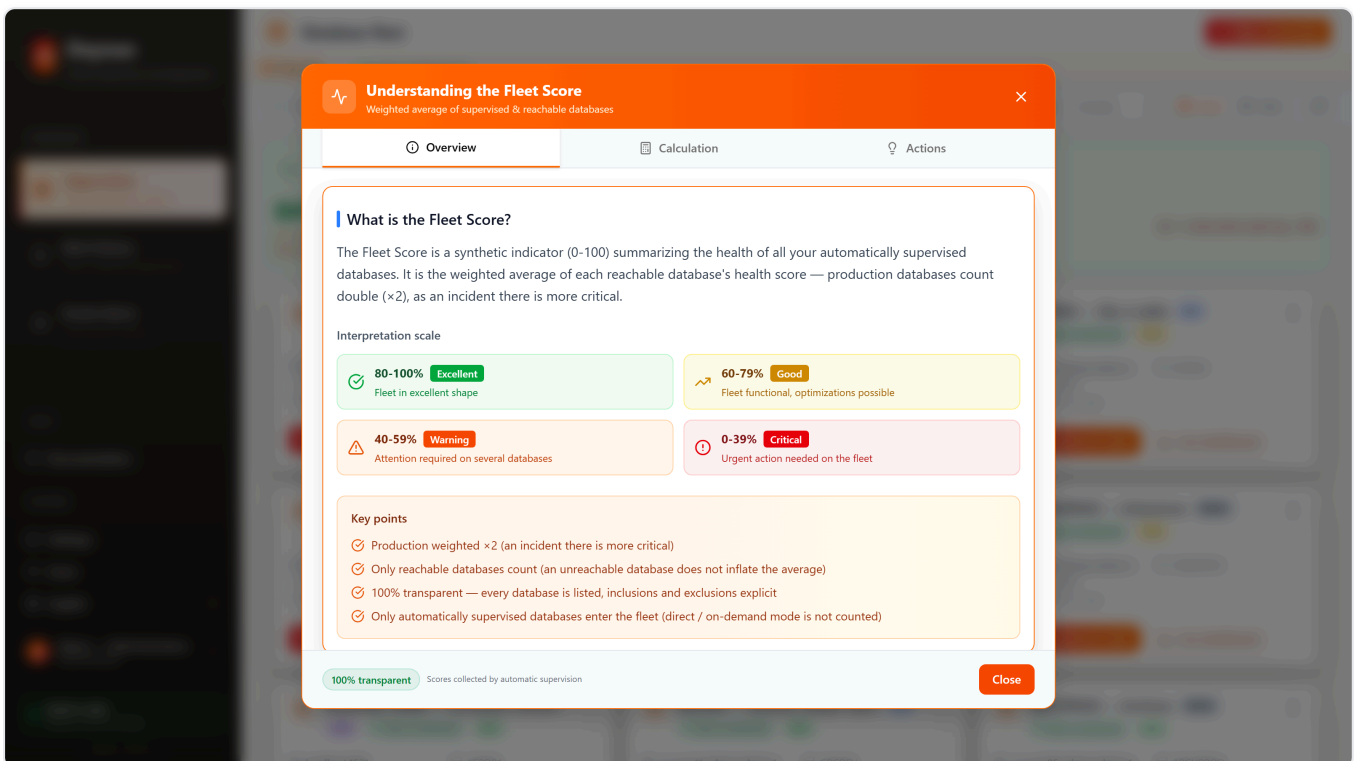


The Fleet fills up as you **add your databases** (how-to in **Step 3**). The following screenshots show an **already-populated** Fleet, to illustrate the features.



2.1 The Fleet Score

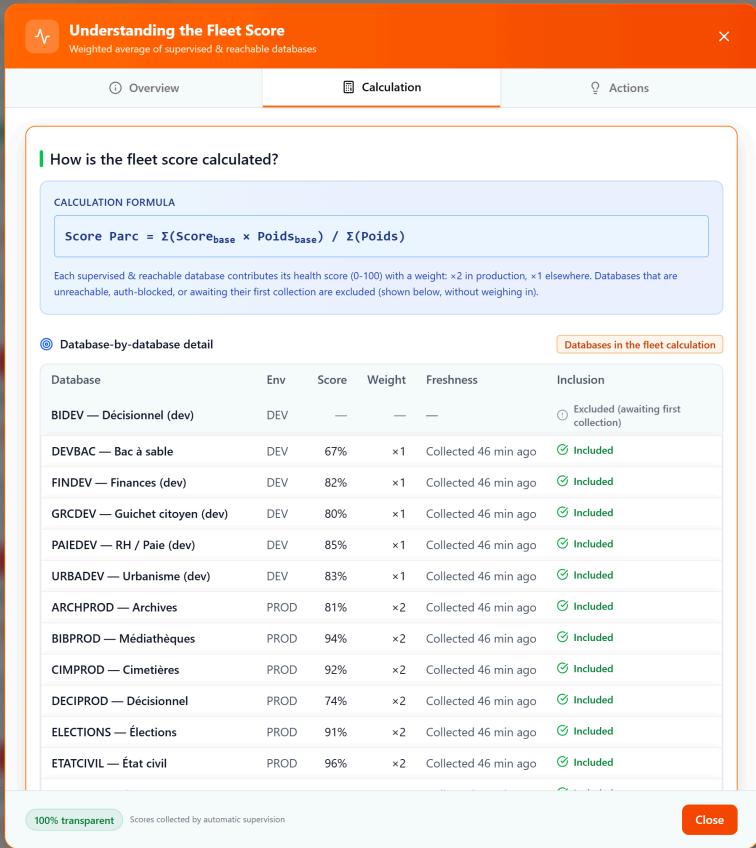
At the top, the **Fleet Score** (here **84%**) summarizes the health of the whole fleet. Click "**How is it calculated?**" to understand the details.



It is a **weighted average** of each supervised database's health. The scale:

Score	Interpretation
80–100%	Excellent
60–79%	Good
40–59%	Warning
0–39%	Critical

 **100% transparent.** The **"Calculation"** tab of this window details each database's **exact** contribution to the score (score, weight, freshness), and **excludes** unreachable databases. No "magic" figure: everything is verifiable.



Understanding the Fleet Score
Weighted average of supervised & reachable databases

Overview **Calculation** Actions

How is the fleet score calculated?

CALCULATION FORMULA

$$\text{Score Parc} = \frac{\sum(\text{Score}_{\text{base}} \times \text{Poids}_{\text{base}})}{\sum(\text{Poids})}$$

Each supervised & reachable database contributes its health score (0-100) with a weight: x2 in production, x1 elsewhere. Databases that are unreachable, auth-blocked, or awaiting their first collection are excluded (shown below, without weighing in).

Database-by-database detail Databases in the fleet calculation

Database	Env	Score	Weight	Freshness	Inclusion
BIDEV — Décisionnel (dev)	DEV	—	—	—	⌚ Excluded (awaiting first collection)
DEVBAC — Bac à sable	DEV	67%	x1	Collected 46 min ago	✅ Included
FINDEV — Finances (dev)	DEV	82%	x1	Collected 46 min ago	✅ Included
GRCDEV — Guichet citoyen (dev)	DEV	80%	x1	Collected 46 min ago	✅ Included
PAIEDEV — RH / Paie (dev)	DEV	85%	x1	Collected 46 min ago	✅ Included
URBADEV — Urbanisme (dev)	DEV	83%	x1	Collected 46 min ago	✅ Included
ARCHPROD — Archives	PROD	81%	x2	Collected 46 min ago	✅ Included
BIBPROD — Médiathèques	PROD	94%	x2	Collected 46 min ago	✅ Included
CIMPROD — Cimetières	PROD	92%	x2	Collected 46 min ago	✅ Included
DECIPROD — Décisionnel	PROD	74%	x2	Collected 46 min ago	✅ Included
ELECTIONS — Élections	PROD	91%	x2	Collected 46 min ago	✅ Included
ETATCIVIL — État civil	PROD	96%	x2	Collected 46 min ago	✅ Included

100% transparent Scores collected by automatic supervision Close

2.2 Two views: Cards and Table

Switch between the **Cards view** (visual, ideal for an overview) and the **Table view** (dense and sortable, ideal for a large fleet).

Deynao
Oracle supervision and diagnostics

OVERVIEW

Supervision
Oracle databases status

Alert history
Alerts raised by supervision

Oracle Alerts
alert.log file analysis

HELP

Documentation

SYSTEM

Settings

Users

English

Démo — Administrateur
Administrator

System ready
Deynao service running

Version 1.0.0-rc2

Database fleet

+ New connect

Fleet: 27
Auto-monitored: 26

Search by name, IP, service...

All 27
PROD 12
TEST 9
DEV 6
Auto-monitored 26
On-demand 1

Sort by Criticality

Cards Table

Supervised parc - 26 databases
24 reachable · 03:47 AM

84% EXCELLENT

Computed on 24 of 26 databases · 1 unreachable · 1 awaiting

19 databases - Excellent
5 databases - Good
1 unreachable
1 awaiting

1 critical alerts (alert.log - 24h)

How is it calculated?

Oracle Databases (Table View) - 27 connections

Excel Export

NAME	ENV.	SERVER	SERVICE	USER	SUPERVISION	COLLECTED	SCORE	ACTIONS
ELECTEST — Élections (test)	TEST	srv-ora-08.valmyre.demo:1521	ELECTEST	DEYNAO_MON	Auto-monitored - unreach...	Collected 4h ago	78%	View collected state Live dashboard
FINPROD — Finances	PROD	srv-ora-01.valmyre.demo:1521	FINPROD	DEYNAO_MON	Auto-monitored	Collected 44 min ago	62%	View collected state Live dashboard
DEVBAC — Bac à sable	DEV	srv-ora-13.valmyre.demo:1521	DEVBAC	DEYNAO_MON	Auto-monitored	Collected 44 min ago	67%	View collected state Live dashboard
DECIPROD — Décisionnel	PROD	srv-ora-05.valmyre.demo:1521	DECIPROD	DEYNAO_MON	Auto-monitored	Collected 44 min ago	74%	View collected state Live dashboard
TECHPROD — Services techniques	PROD	srv-ora-06.valmyre.demo:1521	TECHPROD	DEYNAO_MON	Auto-monitored	Collected 44 min ago	77%	View collected state Live dashboard
URBAPROD — Urbanisme	PROD	srv-ora-03.valmyre.demo:1521	URBAPROD	DEYNAO_MON	Auto-monitored	Collected 44 min ago	79%	View collected state Live dashboard
VALMYRE-FORM — Formation (...)	TEST	localhost:1521 VALMYRE-XE	XEPDB1	DEYNAO_MON	Auto-monitored	Collected 39 min ago	80%	View collected state Live dashboard
GRCDEV — Guichet citoyen (dev)	DEV	srv-ora-11.valmyre.demo:1521	GRCDEV	DEYNAO_MON	Auto-monitored	Collected 44 min ago	80%	View collected state Live dashboard
ARCHPROD — Archives	PROD	srv-ora-05.valmyre.demo:1521	ARCHPROD	DEYNAO_MON	Auto-monitored	Collected 44 min ago	81%	View collected state Live dashboard
FINDEV — Finances (dev)	DEV	srv-ora-11.valmyre.demo:1521	FINDEV	DEYNAO_MON	Auto-monitored	Collected 44 min ago	82%	View collected state Live dashboard

The Table view enables **sorting by criticality** and shows, in columns, each database's service, environment and score.

2.3 Filter the fleet

Filter by **environment** (All · PROD · TEST · DEV) or by **monitoring mode** (Auto-monitored · On-demand). Example below: show **Production** only.

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84% EXCELLENT

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19 databases - Excellent
5 databases - Good
1 unreachable
1 awaiting

1 critical alerts (alert.log - 24h)

How is it calculated?

12 of 27 databases PRODUCTION

Reset all

FINPROD — Finances PROD

Auto-monitored 62%

srv-ora-01.valmyre.demo:1521 FINPROD

DEYNAO_MON

Collected 44 min ago

View collected state Live dashboard

DECIPROD — Décisionnel PROD

Auto-monitored 74%

srv-ora-05.valmyre.demo:1521 DECIPROD

DEYNAO_MON

Collected 44 min ago

View collected state Live dashboard

TECHPROD — Services techniques PROD

Auto-monitored 77%

srv-ora-06.valmyre.demo:1521 TECHPROD

DEYNAO_MON

Collected 44 min ago

View collected state Live dashboard

URBAPROD — Urbanisme PROD

Auto-monitored 79%

srv-ora-03.valmyre.demo:1521 URBAPROD

DEYNAO_MON

Collected 44 min ago

View collected state Live dashboard

ARCHPROD — Archives PROD

Auto-monitored 81%

srv-ora-05.valmyre.demo:1521 ARCHPROD

DEYNAO_MON

Collected 44 min ago

View collected state Live dashboard

GRCPROD — Guichet citoyen PROD

Auto-monitored 88%

srv-ora-03.valmyre.demo:1521 GRCPROD

DEYNAO_MON

Collected 44 min ago

View collected state Live dashboard

SCOLPROD — Scolaire / Péricolaire

Auto-monitored

srv-ora-03.valmyre.demo:1521 SCOLPROD

DEYNAO_MON

Collected 44 min ago

View collected state Live dashboard

ELECTIONS — Élections PROD

Auto-monitored

srv-ora-03.valmyre.demo:1521 ELECTIONS

DEYNAO_MON

Collected 44 min ago

View collected state Live dashboard

CIMPROD — Cimetières PROD

Auto-monitored

srv-ora-03.valmyre.demo:1521 CIMPROD

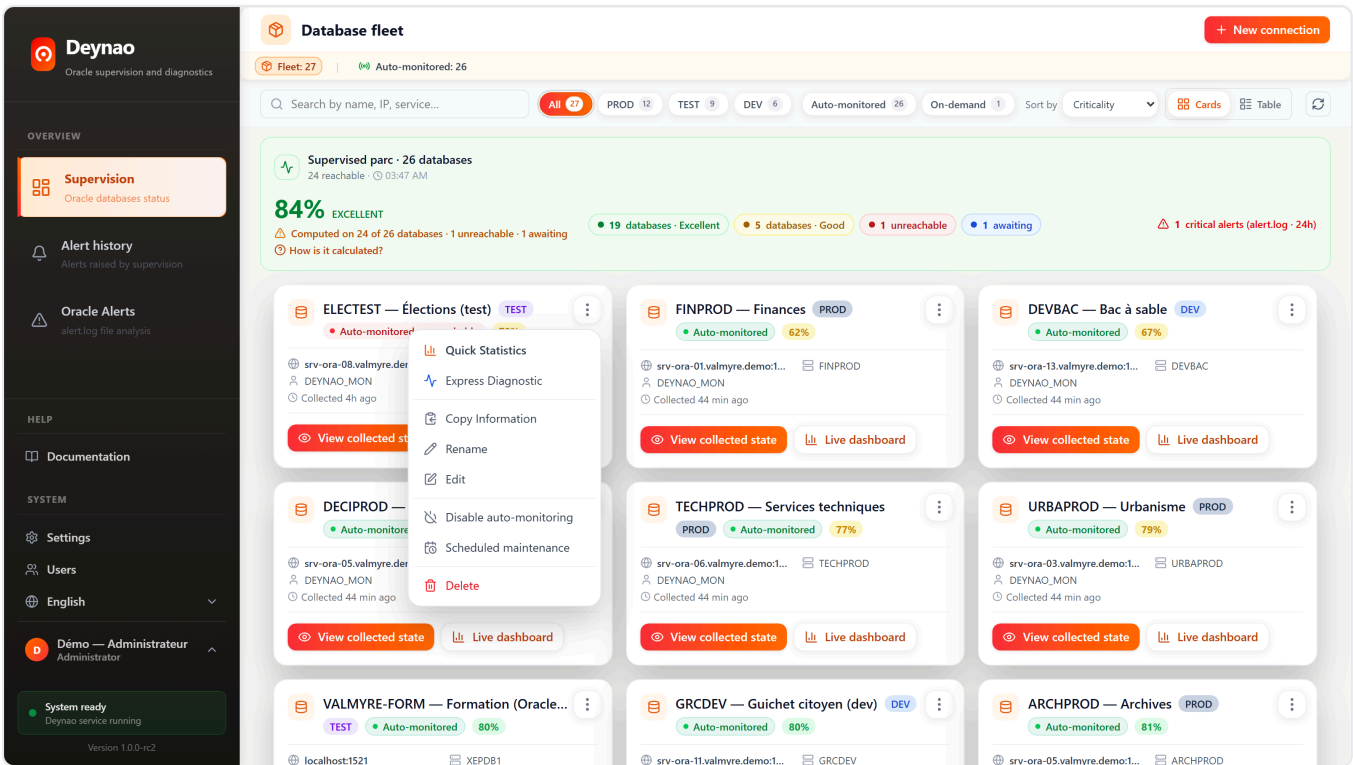
DEYNAO_MON

Collected 44 min ago

View collected state Live dashboard

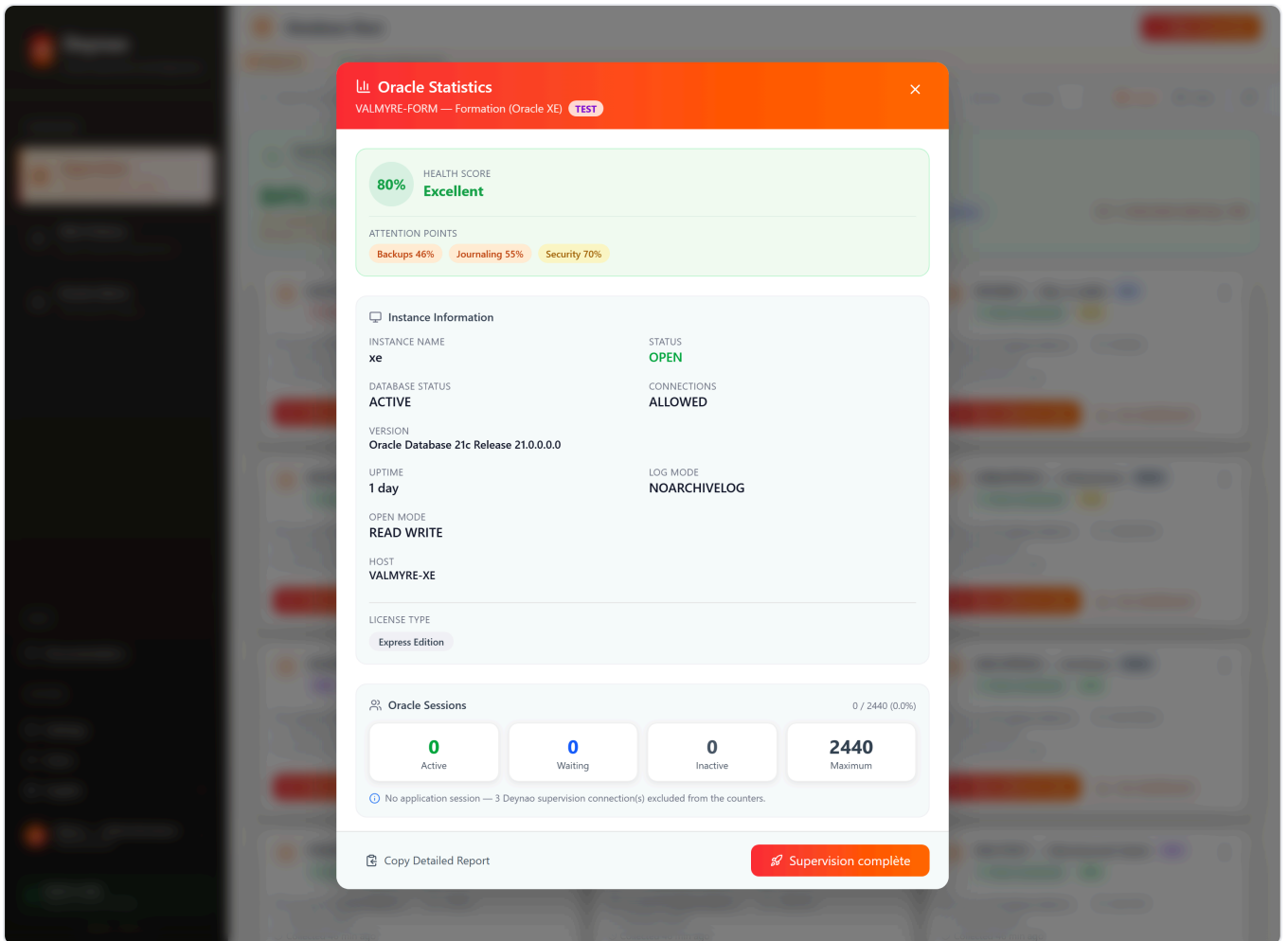
2.4 A database's actions (: menu)

Each database offers an **actions menu** — the **:** icon at the top of its card (or in the *Actions* column in Table view).



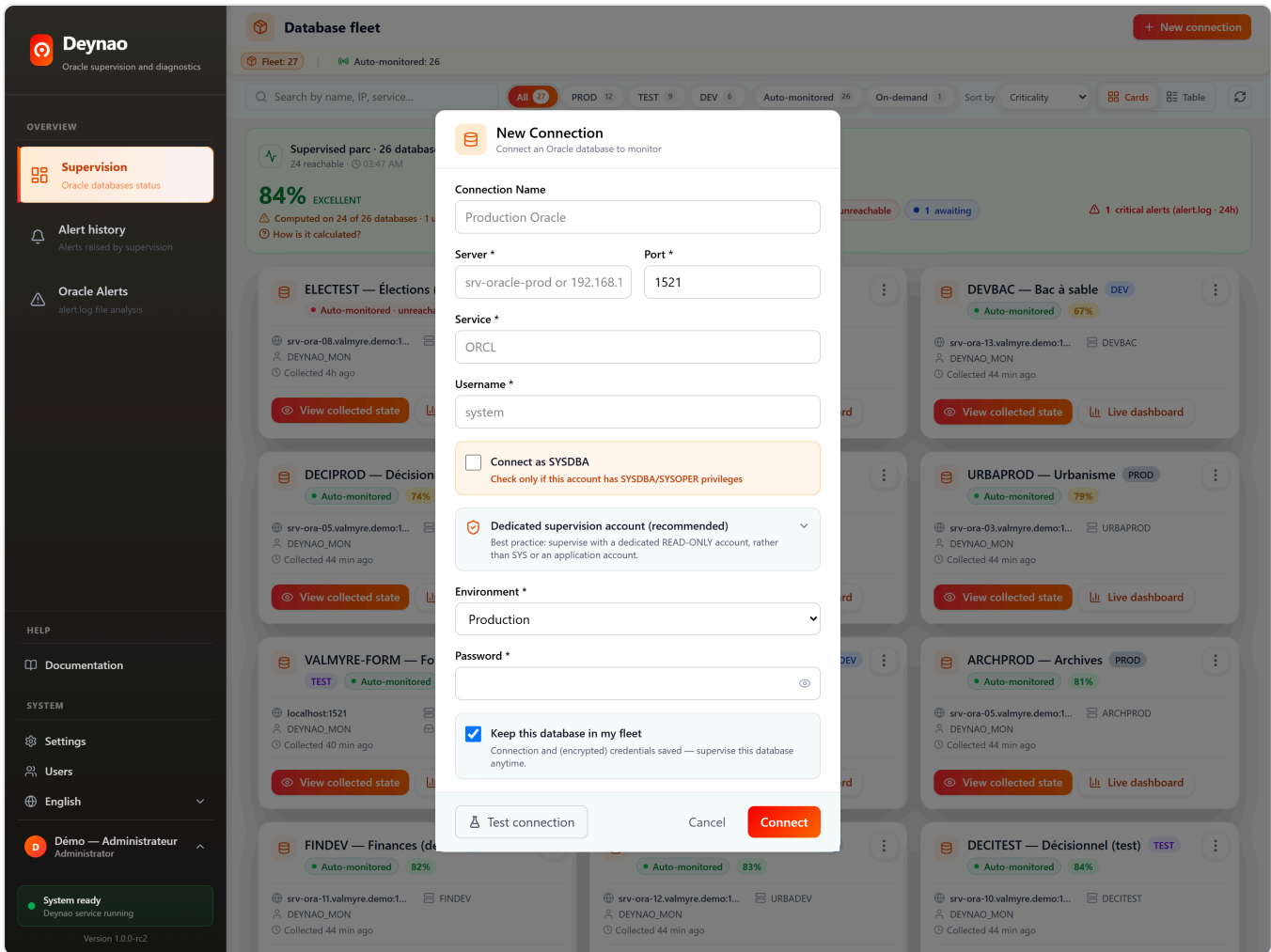
Action	What it does
Quick Statistics	An instant view of the key metrics
Express Diagnostics	A one-off diagnostic of the database
Copy Information	Copy the connection details
Rename	Change the displayed label
Edit	Adjust the connection settings
Disable auto-monitoring	Switch the database back to "on-demand" mode
Scheduled maintenance	Define a window during which Deynao stays silent (planned operations)
Delete	Remove the database from the fleet (the encrypted credentials are erased)

 **Tip — a one-click snapshot.** The **"Quick Statistics"** action opens a **snapshot** of the database **without opening the full dashboard**: Health Score, attention points, instance information (version, uptime, logging mode...) and sessions. Ideal for a quick check.



Step 3 — Connect a database

Click **"New connection"** (top-right of the Fleet) to add an Oracle database to supervise.

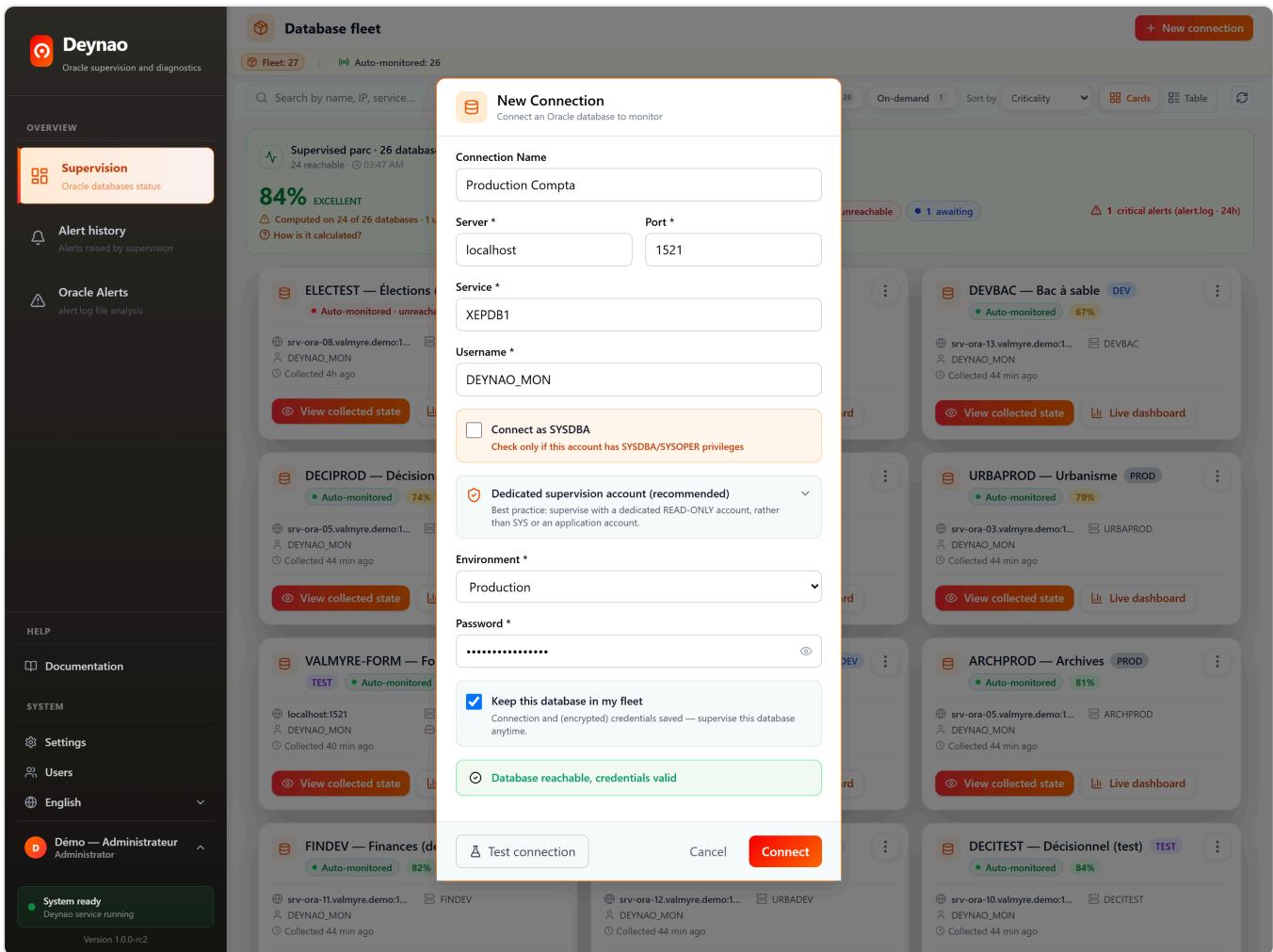


Fill in:

- **Connection Name** — a clear label (e.g. *Production Accounting*).
- **Server · Port · Service** — the database's coordinates (e.g. `server:1521/ORCL`).
- **Username · Password** — the database connection account.
- **Connect as SYSDBA** — tick **only** if this account holds SYSDBA/SYSOPER privileges (rare, and discouraged for routine supervision).
- **Environment** — Production / Test / Dev. Used for **fleet filtering** and for **modulating alert rules** (some rules are *prod-only*).
- **Keep this database in my fleet** —
 - **Ticked:** the connection (with **encrypted** credentials) is kept → you can supervise this database **at any time**.
 - **Unticked:** it is a **one-off diagnostic**, leaving no footprint.

★ **Best practice — the dedicated supervision account.** Deynao recommends using a **dedicated READ-ONLY account** (least privilege), rather than `sys` or an application account. It is **safer** (no risk of writes) and **sufficient** for all supervision. A script to create this least-privilege account is provided with Deynao.

Click **"Test connection"**: Deynao **immediately** checks that the database is reachable and the credentials are valid — **without saving anything**.



The green banner **"Database reachable, credentials valid"** confirms everything is correct. All that remains is to click **"Connect"**: the database **joins the fleet** — you are ready to supervise it.

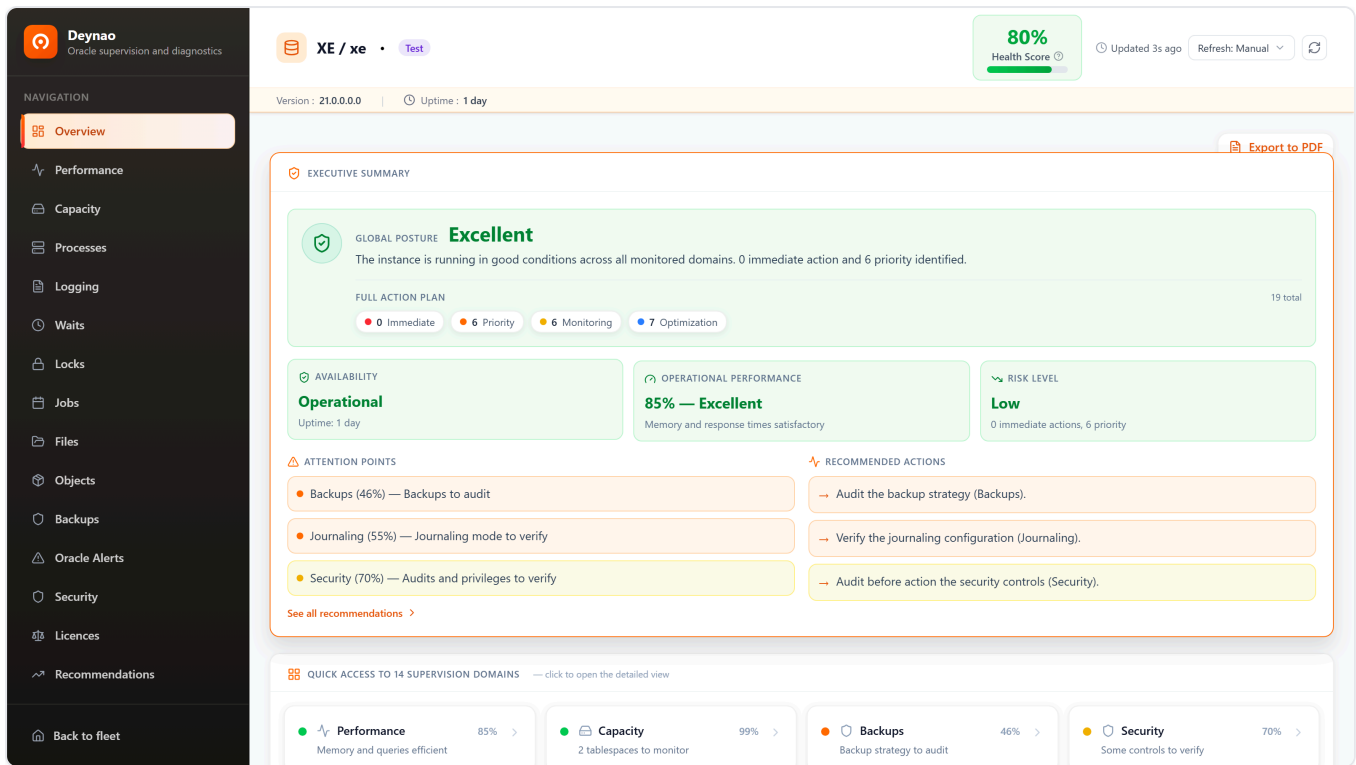
Step 4 — Supervise a database live

From the Fleet, each database offers two reading entries:

- **Live dashboard** — Deynao **connects right now** to the database and shows its **current** state. This is what we use here.
- **View collected state** — the latest state **already measured** by autonomous supervision (without a new connection). We cover it in the *"Autonomous supervision"* guide.

Click **"Live dashboard"** on the database to supervise.

 **First connection.** On the very first open, Deynao establishes the Oracle connection: a short *"Connecting to Oracle..."* screen may appear (**up to ~30 s**). Subsequent opens are **near-instant**.



4.1 The Health Score

At the top-right, the **Health Score** (here **80%**) summarizes the database's state in a single figure, with an immediate color code. The same scale as the Fleet applies:

Score	Interpretation
80–100%	Excellent
60–79%	Good
40–59%	Warning
0–39%	Critical

Next to it are the Oracle **version**, the **uptime** and the last-refresh time. The refresh mode (**Manual** by default) avoids any unnecessary load on the database: you refresh whenever you wish.

4.2 The Executive Summary

Just below, the **Executive Summary** turns the score into **plain language**, designed as much for a decision-maker as for a DBA:

- **Global posture** — an overall verdict (*Excellent*, here) in one sentence.
- **Full action plan** — findings ranked by urgency: **Immediate** • **Priority** • **Monitoring** • **Optimization** (here 0 / 6 / 6 / 7).
- **Availability** • **Performance** • **Risk level** — three high-level indicators.

- **Attention points** and **Recommended actions** — what deserves your attention, and **what to do**, spelled out.

💡 **The Deynao spirit.** No needless jargon: every figure comes with its **"why"** and a **concrete action**. A non-specialist grasps the essentials; a DBA goes straight to the detail.

4.3 Transparent scores, never marketing

A score is only worth something if you can **verify** it. Click a score to see its **exact calculation**.

Understanding the Global Health Score
Professional Oracle scoring system

Overview Calculation Action

How is the score calculated?

CALCULATION FORMULA

$$\text{Score Global} = \frac{\sum(\text{Score}_{\text{domaine}} \times \text{Poids}_{\text{domaine}})}{\sum(\text{Poids}_{\text{disponibles}})}$$

Each view contributes a weighted score. Sum of (view score × weight) / Sum of weights = final score

Concrete calculation example:

Capacity = 85% (weight 20) → 85 × 20 = 1700
 Backups = 90% (weight 20) → 90 × 20 = 1800
 Performance = 70% (weight 15) → 70 × 15 = 1050
 Total = (1700 + 1800 + 1050 + ...) / (20 + 20 + 15 + ...) = Final score

100% Guaranteed coherence
 A domain's score is **EXACTLY** the same value:

- ✓ In the domain's detailed view
- ✓ In the global health score
- ✓ In the recommendations

No discrepancy, no hidden adjustment. The score you see in the detail view is the one used in the global calculation.

Standard VS Sources No Diagnostics/Tuning Pack license required

80% Global Health Score **Excellent**

This score evaluates your Oracle database's overall health based on 12 indicators weighted by criticality.

BREAKDOWN

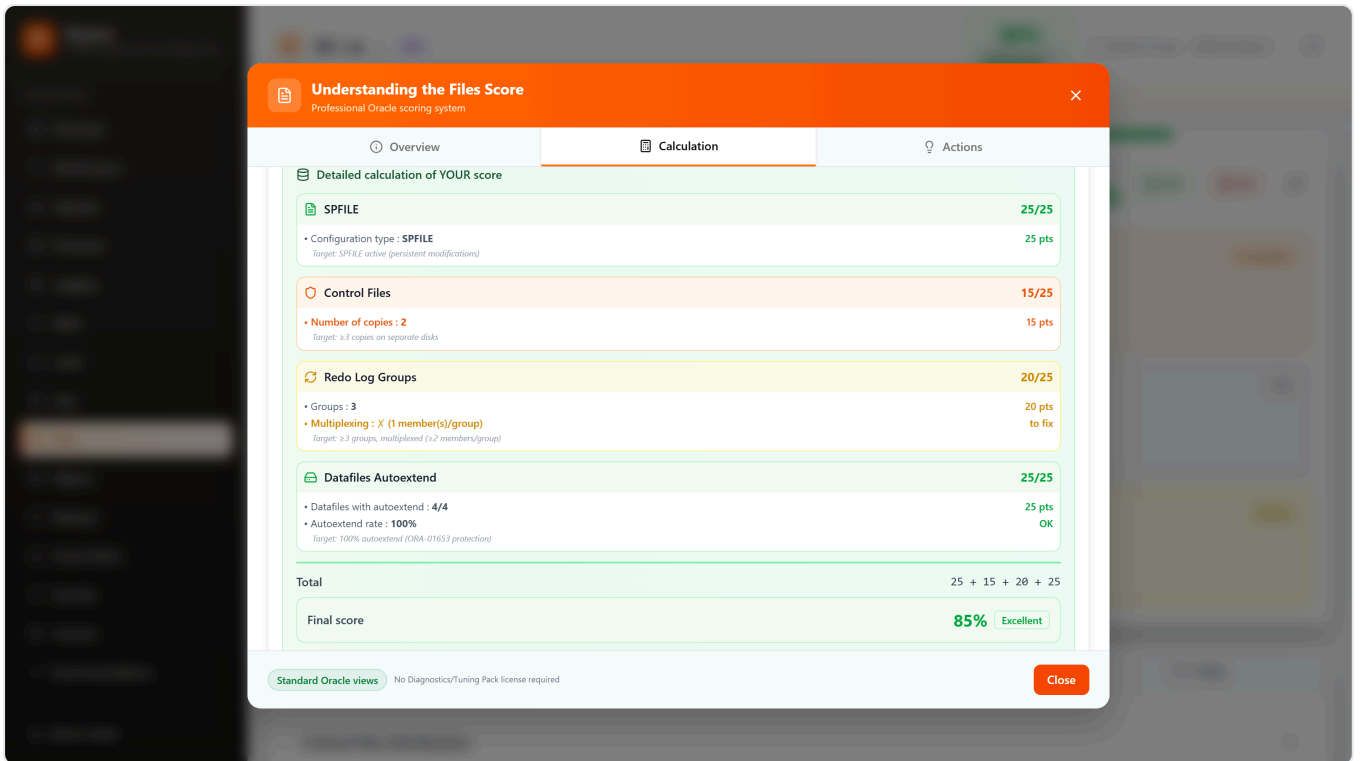
- Domains needing attention — Backups, Archiving 2
- Good domains 1
- Excellent domains 9

How is it calculated?

Score calculated on each refresh based on Oracle system metrics

The **global Health Score** is a **weighted average** of the domains. Deynao guarantees it in black and white: *"a domain's score is EXACTLY the same value in the domain detail view, in the global health score, and in the recommendations — no hidden adjustment."*

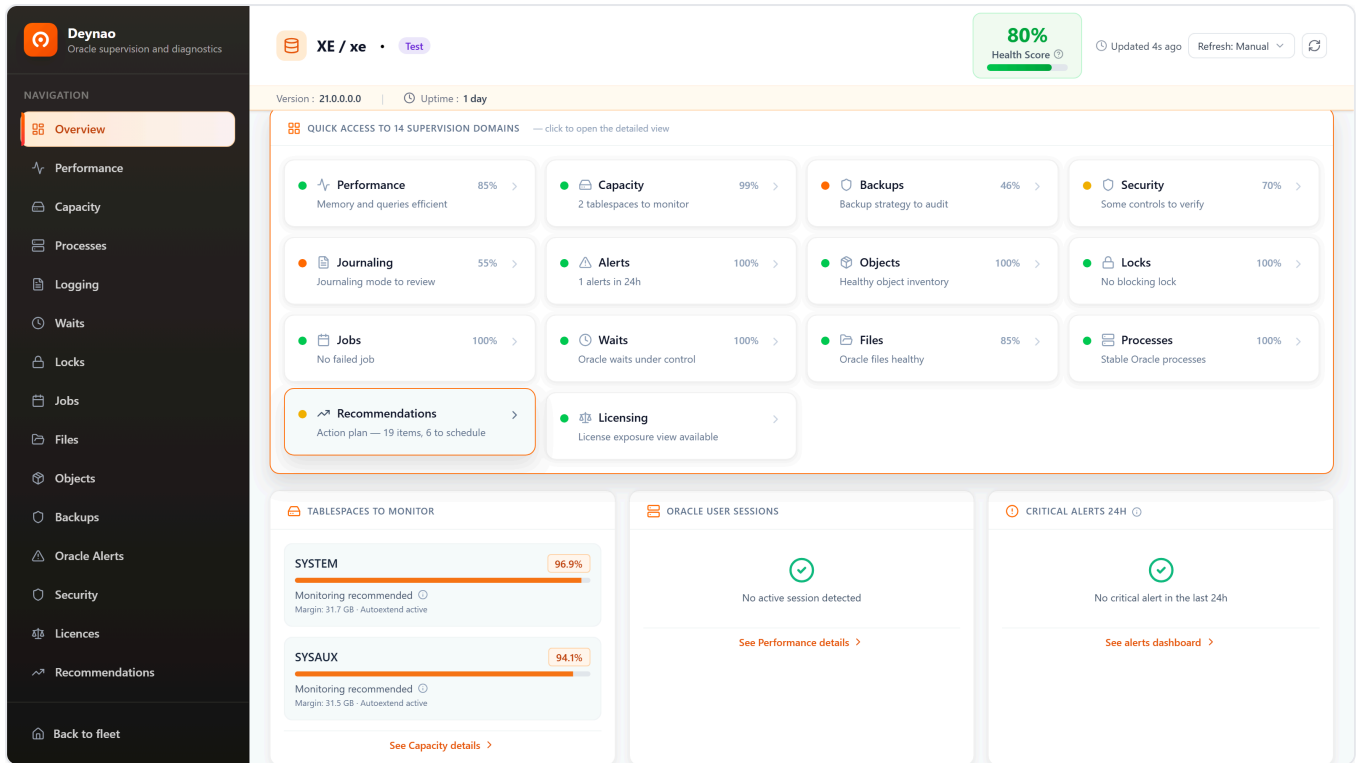
And each **domain score** breaks down the same way. Example, **Files at 85%**:



SPFILE **25/25**, Control Files **15/25** (2 copies instead of 3), Redo Logs **20/25** (not multiplexed), Datafiles **25/25** → **85%**. You see **exactly** what weighs and **what to fix** to gain points. Nothing generic: the score **matches the real state** of the database.

Step 5 — Explore the 14 supervision domains

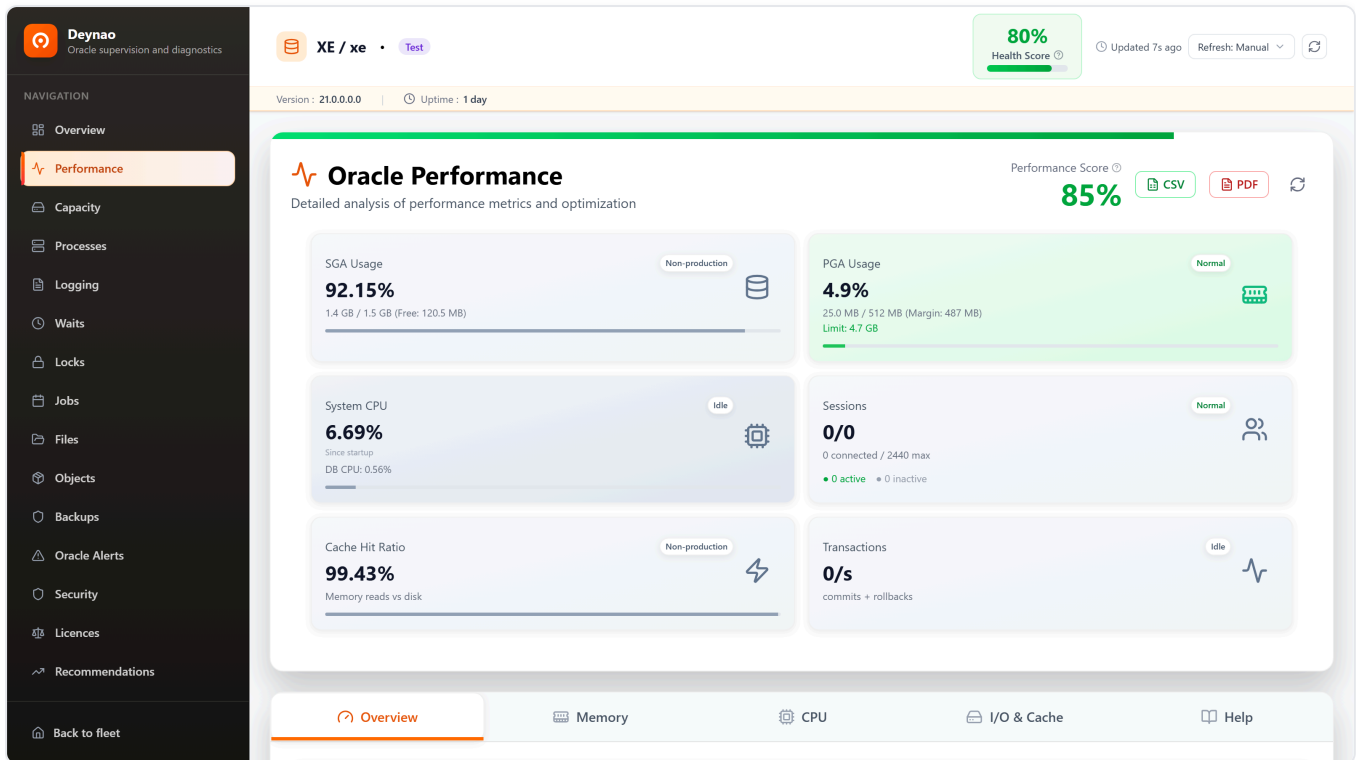
Supervision is organized into **14 domains**. The **Overview** gives the summary; the navigation bar on the left (or the "**Quick access**" grid) lets you enter each one.



Domain	What it analyzes
Performance	Memory (SGA/PGA), CPU, cache, sessions, transactions
Capacity	Disk space, tablespaces, autoextend, margins
Processes	Oracle processes and their stability
Logging	Archiving mode (ARCHIVELOG), redo files
Waits	Oracle wait events
Locks	Blocking locks and contention
Jobs	Scheduled tasks (DBMS_SCHEDULER)
Files	Data, control and redo files
Objects	Inventory: tables, indexes, views, synonyms...
Backups	Backup strategy (RMAN)
Oracle Alerts	<code>alert.log</code> + <code>V\$DIAG_ALERT_EXT</code> — ORA codes, severity
Security	Accounts, privileges, audit
Licences	Paid options detected and exposure
Recommendations	The consolidated, cross-domain action plan

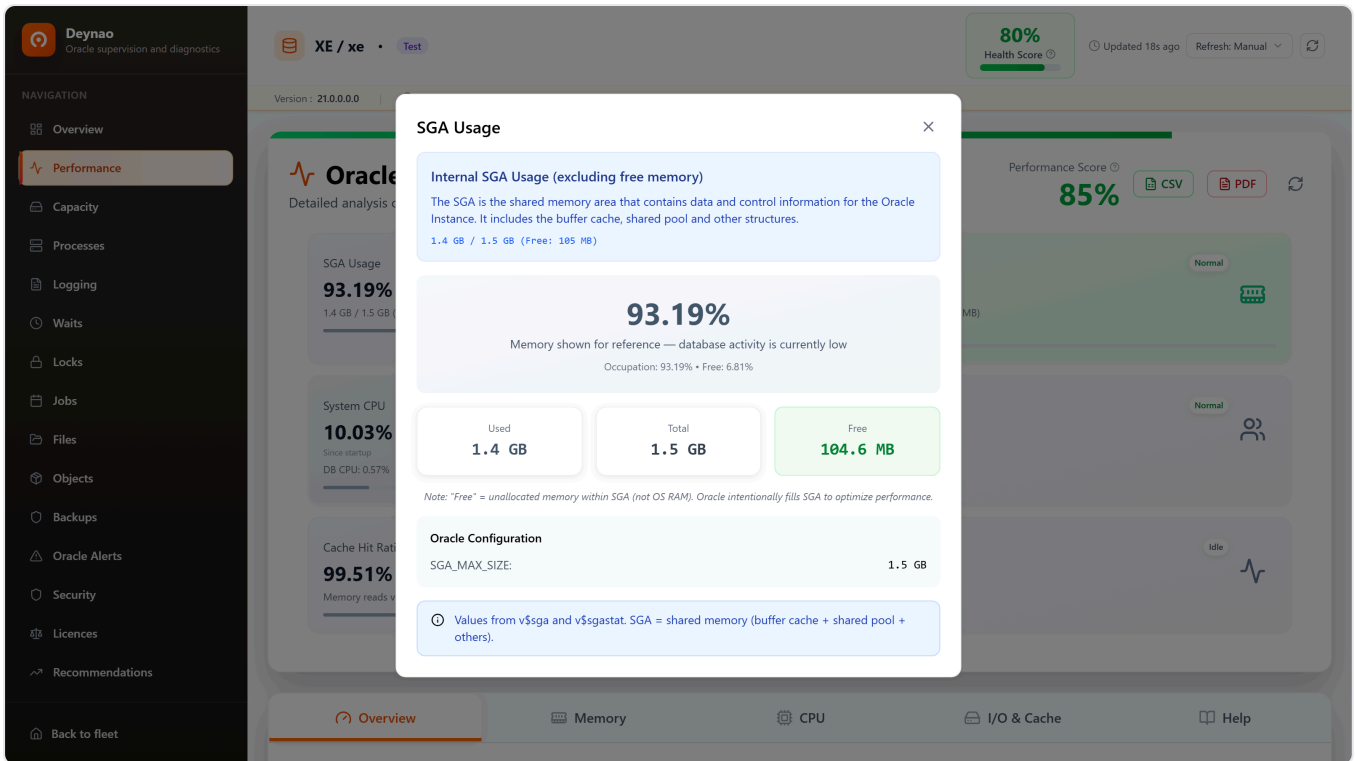
Each domain has **its own score** and a **plain-language note**. Here are several, from the most common to the most strategic.

Performance — the key metrics at a glance, with *Memory*, *CPU*, *I/O* & *Cache* sub-tabs.

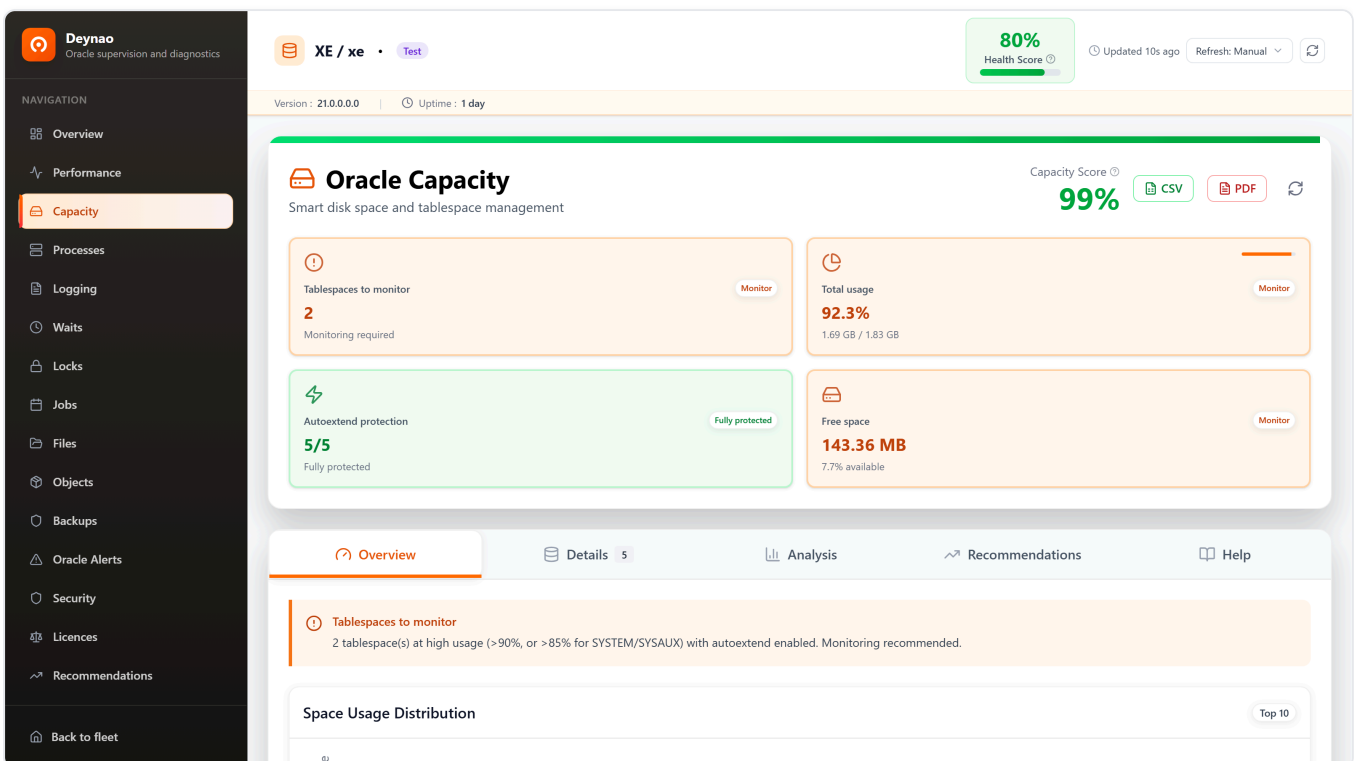


💡 On an **idle** database, some instantaneous metrics (e.g. *System CPU*) show a **dash** "—": Deynao prefers to **show nothing** rather than a misleading figure.

Every metric is **clickable**: Deynao explains it in plain language and cites its Oracle source (here the SGA, with `SGA_MAX_SIZE` and the used / free breakdown).

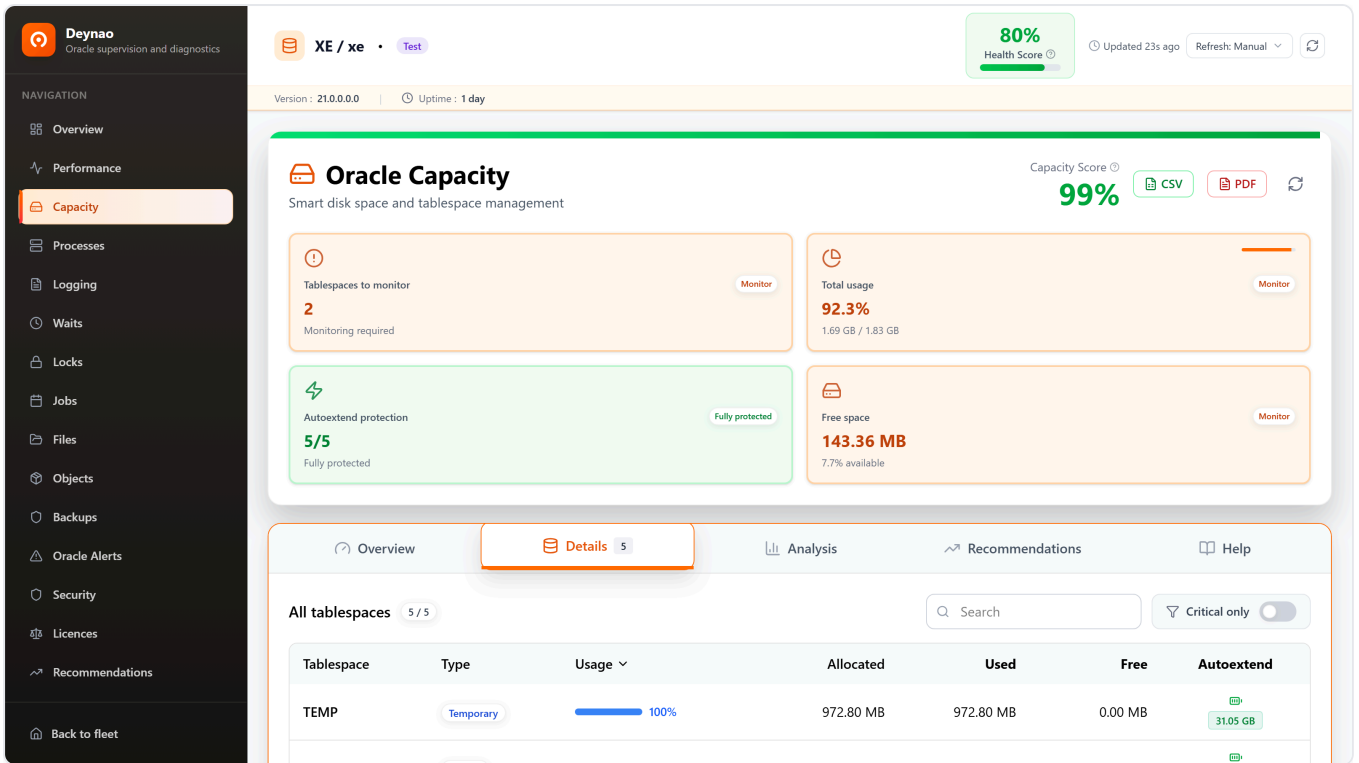


Capacity — disk space and tablespaces, with **smart** thresholds.

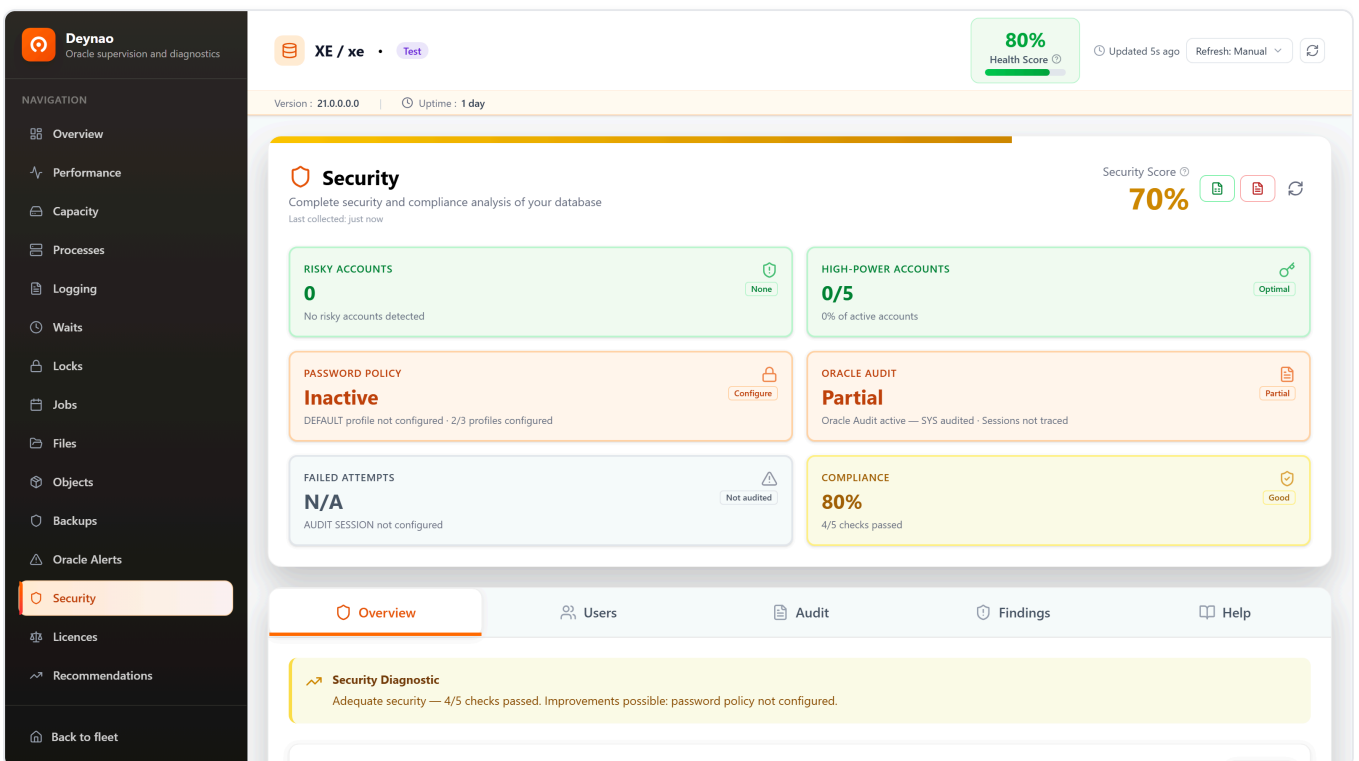


💡 A tablespace at **92%** but with **autoextend** is not "critical": Deynao classifies it as **"to monitor"**, because the space can still grow. The verdict accounts for the **real margin**, not just the raw percentage.

The **"Details"** tab lists **all tablespaces** (sortable, with a *Critical only* filter): usage, allocated / used / free space, and autoextend status.

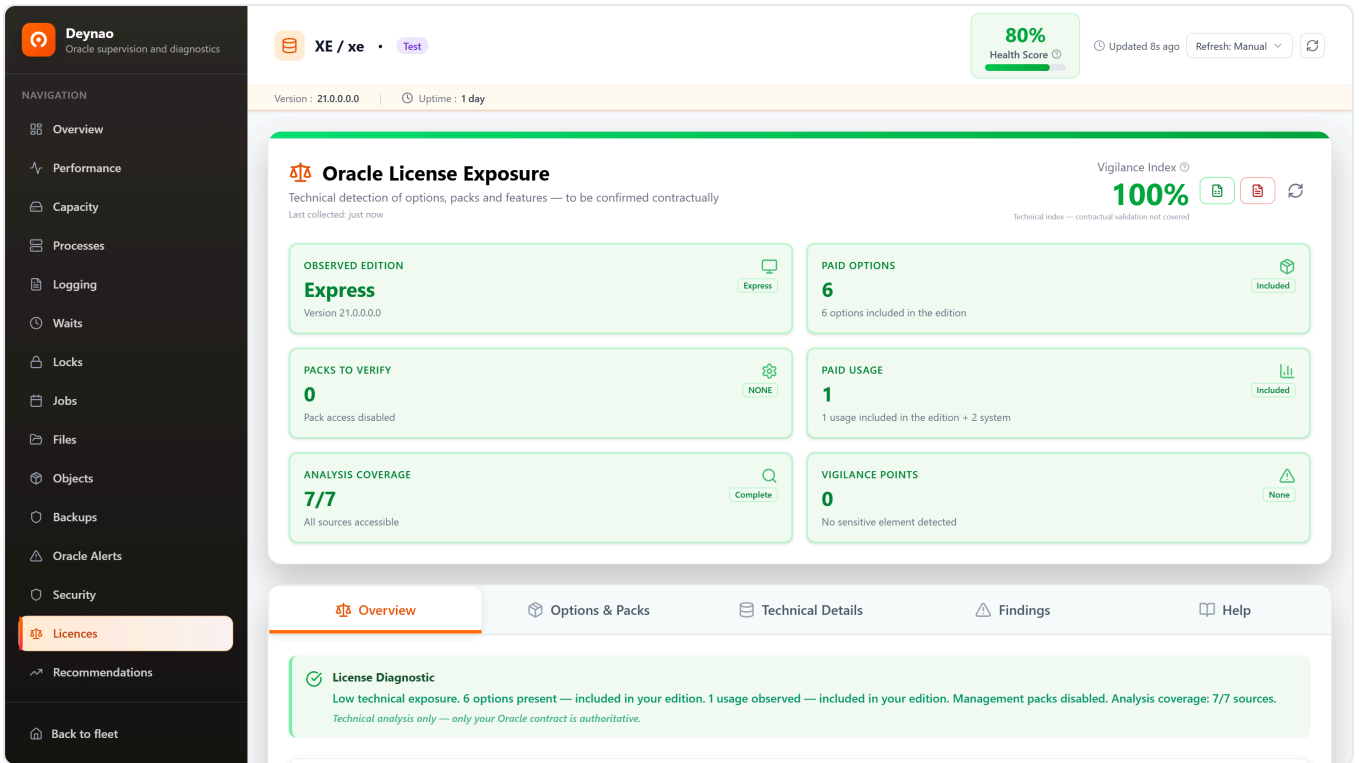


Security — accounts, privileges, password policy and audit, summarized in a **compliance score**.



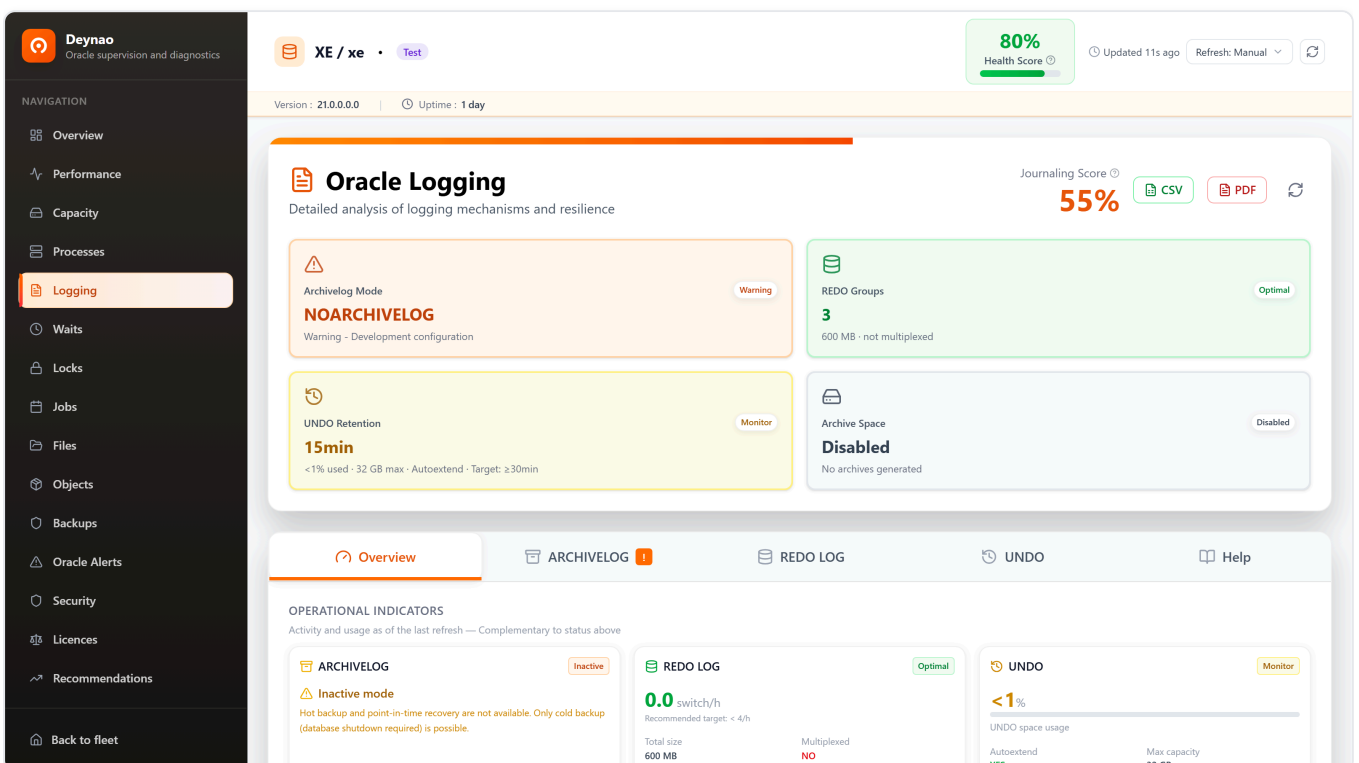
Deynao spots **at-risk accounts** and **high-privilege** accounts, the state of the **audit** and the **password policy**, and rates compliance (here **4/5 controls**). An ideal starting point to prepare a **security audit** or a GDPR review.

Licences — the **technical detection** of paid options and packs, with a **vigilance index**.



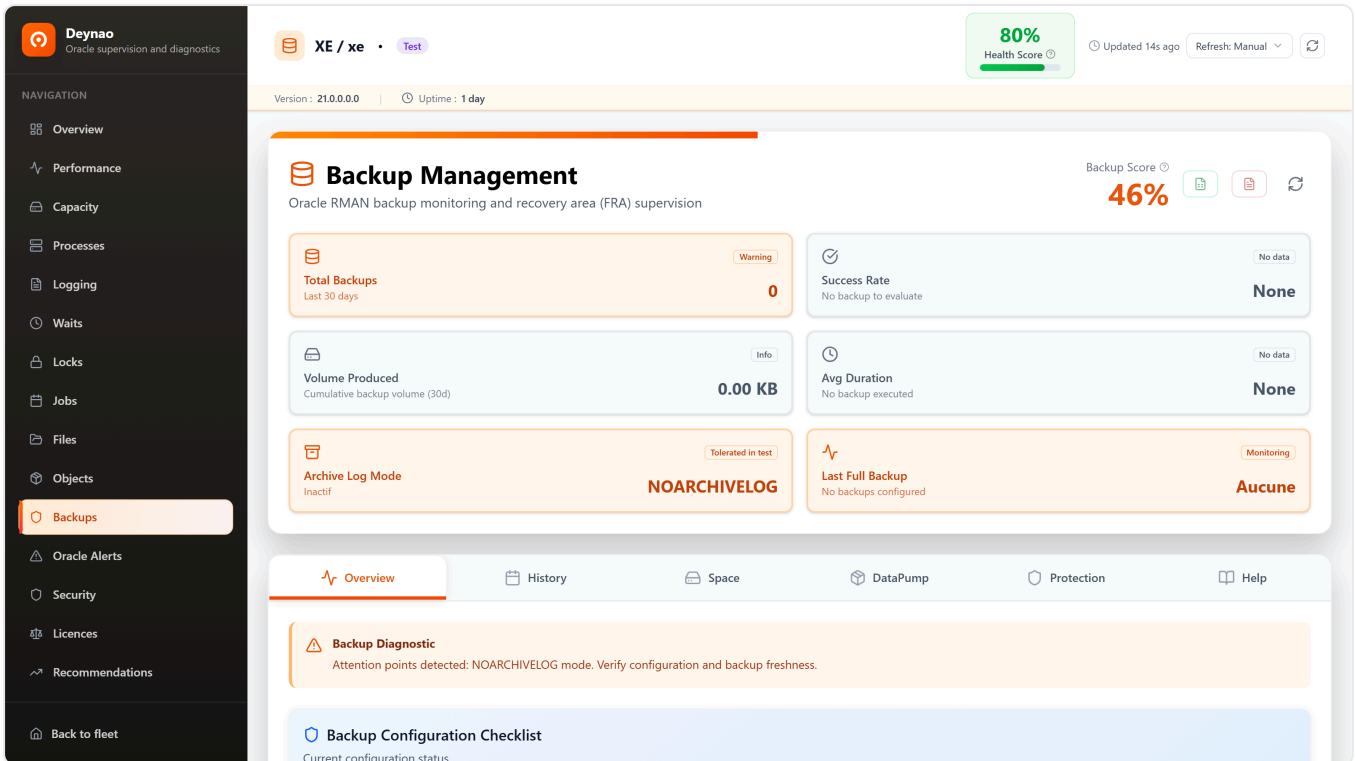
Deynao recognizes the edition (here **Express**) and knows that its options are **included**: **zero false alert**. On a paid edition, it would **flag** the options to verify. The message stays honest — "only your Oracle contract is authoritative": Deynao **sheds light on** your exposure, it does not stand in for Oracle.

Logging — the archiving mode (ARCHIVELOG), REDO groups, UNDO retention: in other words, your **ability to recover** after an incident.



💡 Here the database is in **NOARCHIVELOG** (tolerable in dev/test): Deynao explains it and provides, in the *Recommendations* tab, the **read-only SQL script** to enable ARCHIVELOG — for **you** to run, when you decide.

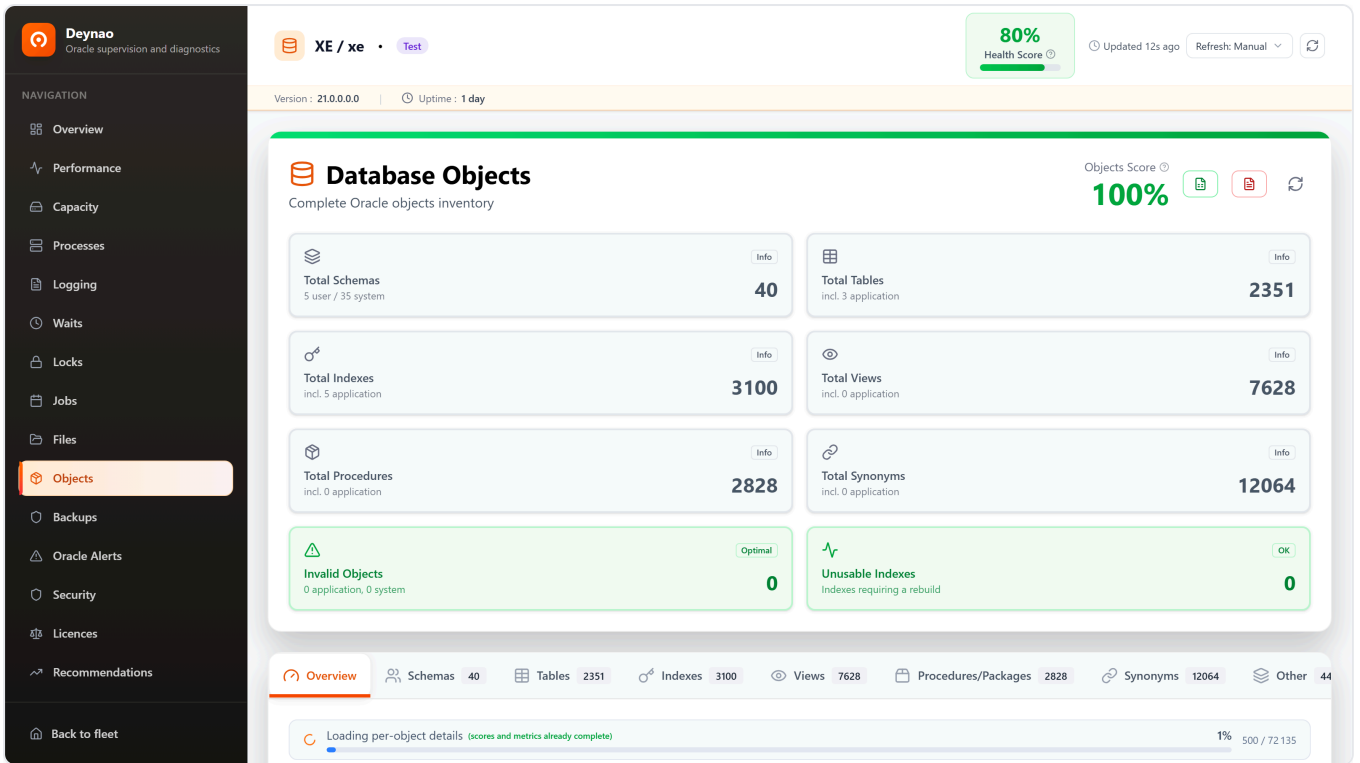
Backups — the RMAN strategy and the Flash Recovery Area: last backup, success rate, volume produced.



★ A database **with no backup configured** stands out immediately (score **46%**): exactly the kind of blind spot you never want to discover on the day of an incident.

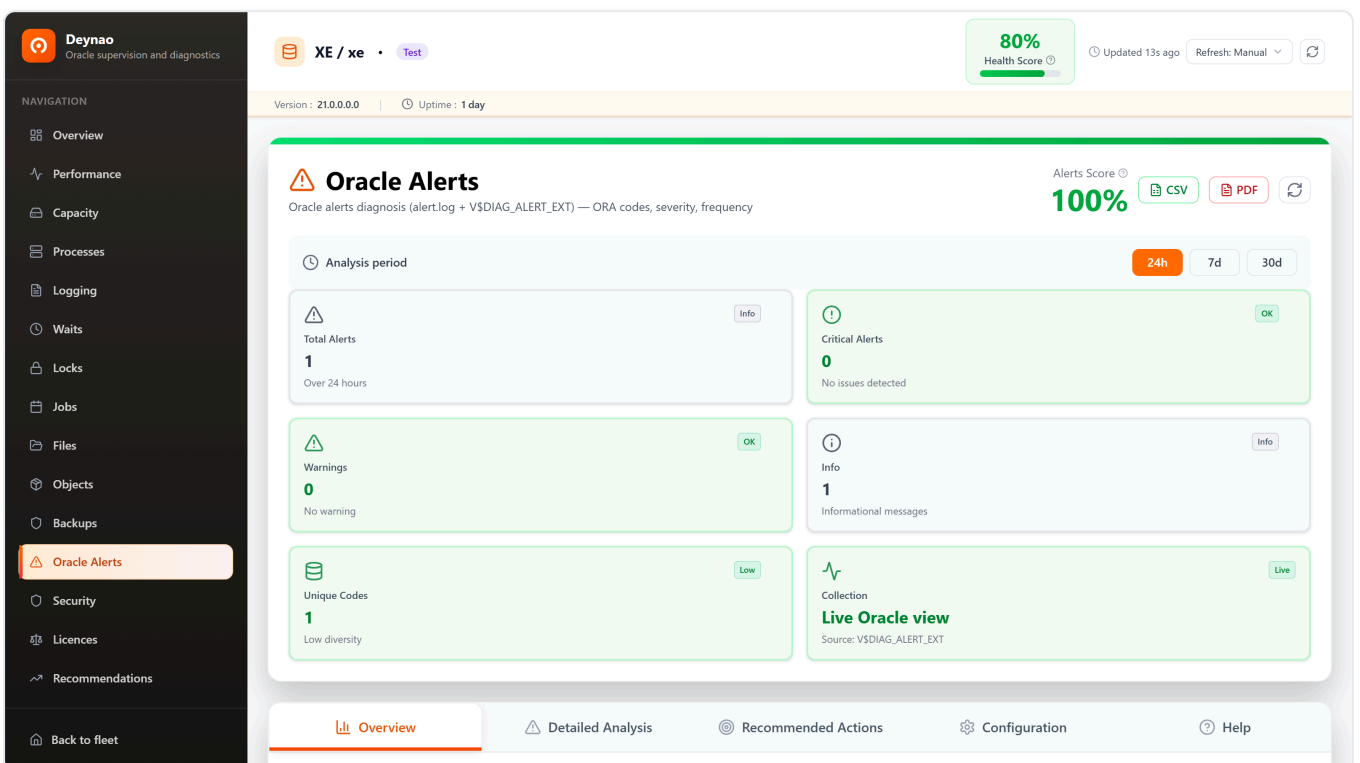
Files — SPFILE, control files, redo and datafiles: the database **infrastructure**. Every metric is explorable — a click on **SPFILE** opens the **474 instance parameters**, categorized, searchable and exportable, all **read-only**.

Objects — the **complete inventory**: here **2,351 tables**, **3,100 indexes**, **12,064 synonyms**... Deynao loads these large volumes **in batches**, with safety delays.



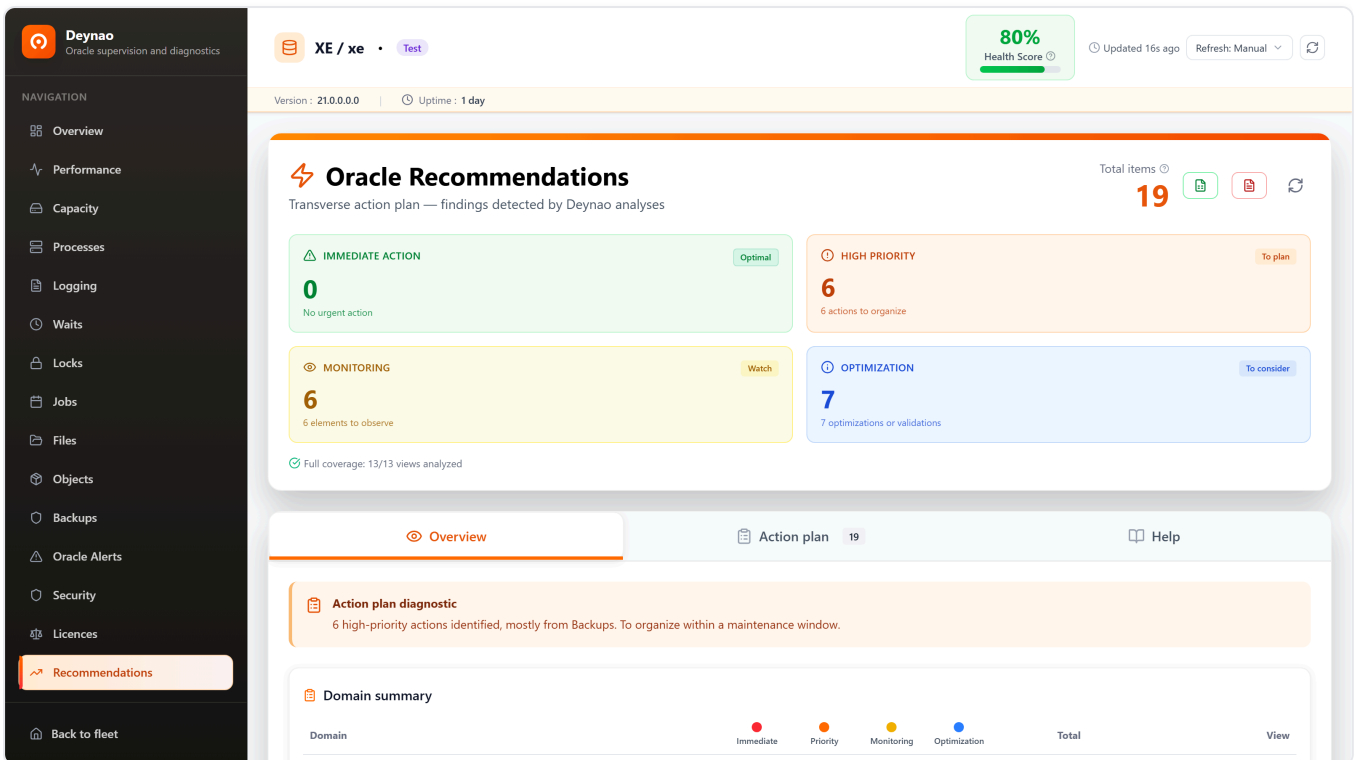
On a schema of **thousands of objects**, this **progressive** loading avoids *timeouts* — an engineering detail that matters on large databases.

Oracle Alerts — the Oracle log errors, classified by **severity** and **frequency**, over 24 h / 7 d / 30 d (the **detail of an alert** is presented in **Step 7**).

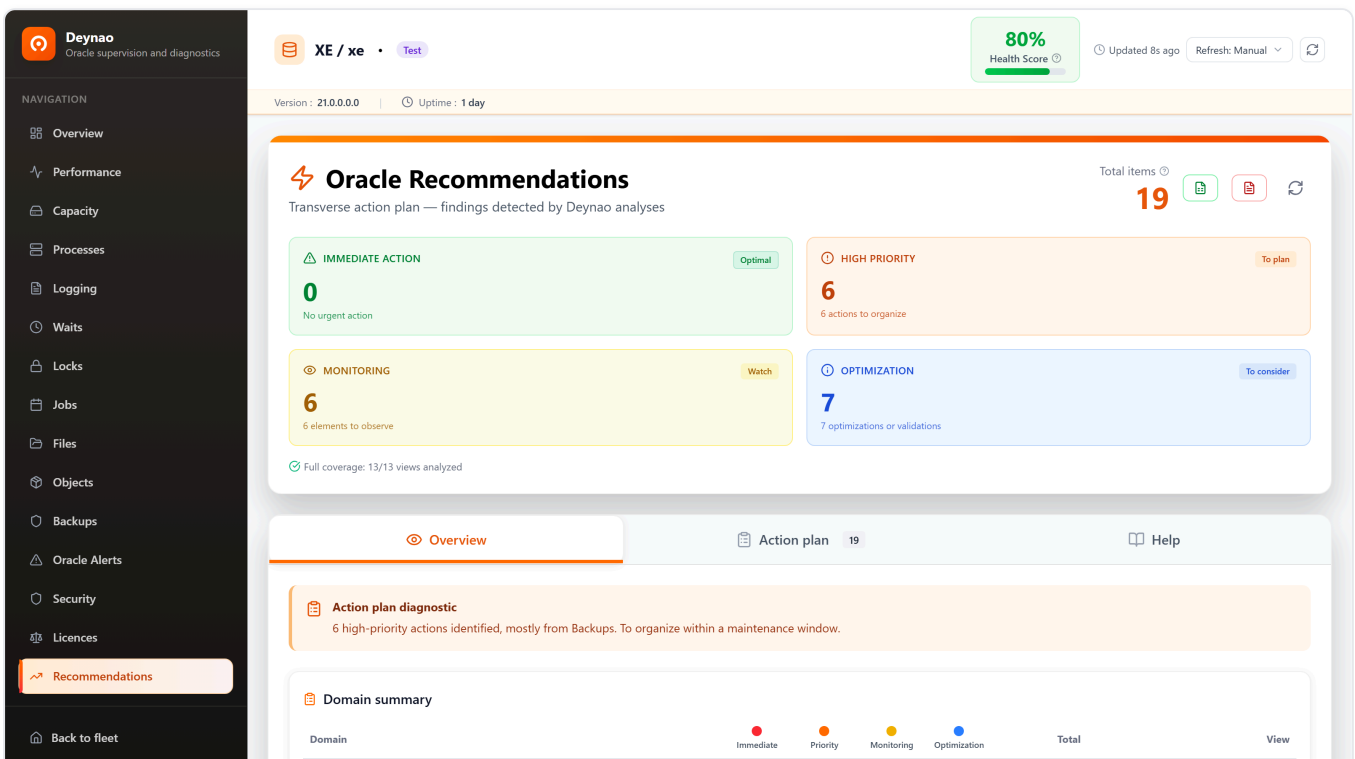


5.1 Recommendations — the domain that sums it all up

If a DBA had to open **only one** domain, it would be this one. **Recommendations consolidates the findings of all domains into a single action plan**, prioritized and organizable into a maintenance window.



The **Summary by domain** shows, in a table, **where the actions are concentrated** (here Backups, Capacity, Security...), classified **Immediate / Priority / Monitoring / Optimization**.



The **Action plan** tab lists each item, **filterable** by type, domain, confidence and effort.

Deynao
Oracle supervision and diagnostics

Version: 21.0.0.0.0 | Uptime: 1 day

Health Score: 80%

Total items: 19

Oracle Recommendations
Transverse action plan — findings detected by Deynao analyses

- IMMEDIATE ACTION** (0 items) — No urgent action
- HIGH PRIORITY** (6 items) — 6 actions to organize
- MONITORING** (6 items) — 6 elements to observe
- OPTIMIZATION** (7 items) — 7 optimizations or validations

Full coverage: 13/13 views analyzed

Overview | **Action plan** (19) | Help

Filters: All types, All domains, Any confidence, Any effort

19 items total

High priority
Password complexity disabled
Source: Security

View details

And each recommendation **expands**: description, recommended action, and above all a **ready-to-use SQL script** — annotated (online / offline, required privilege, Oracle version) and **read-only**.

Deynao
Oracle supervision and diagnostics

Version: 21.0.0.0.0 | Uptime: 1 day

Health Score: 80%

Updated 12s ago | Refresh: Manual

Filters: All types, All domains, Any confidence, Any effort

19 items total

High priority
Password complexity disabled
Source: Security

DESCRIPTION
No password complexity verification.

RECOMMENDED ACTION
Enable a password verification function

EXAMPLE SQL COMMAND

SQL command examples to adapt — Replace values according to your environment before execution.

Online | SYSDBA | 5-10 min (commande à chaud, applicable sans interruption) | Oracle 11.2+

Choose the verification function matching Oracle version (ora11g_verify_function for 11g, ora12c_verify_function for 12c+). Verify that applications using accounts with non-compliant passwords will not be blocked (the function applies to new passwords, not existing ones).

```
-- Enable complexity verification
@/rdms/admin/utlpwdng.sql

-- Oracle 11g : ora11g_verify_function
-- Oracle 12c+ : ora12c_verify_function
ALTER PROFILE DEFAULT LIMIT
PASSWORD_VERIFY_FUNCTION ora12c_verify_function;

-- Verification
SELECT profile, resource_name, limit
FROM dba_profiles
WHERE profile = 'DEFAULT'
AND resource_name = 'PASSWORD_VERIFY_FUNCTION';
```

Test these commands in a development or test environment before executing them in production. Adapt values to your infrastructure.

Read only — Deynao never modifies your database.

The real value. Elsewhere, a score tells you *that* there is a problem. Here, Deynao tells you **which one, why**, and **gives you the command** to fix it — for you to run. From diagnosis to action, **without leaving the screen**.

5.2 Built-in training in every domain

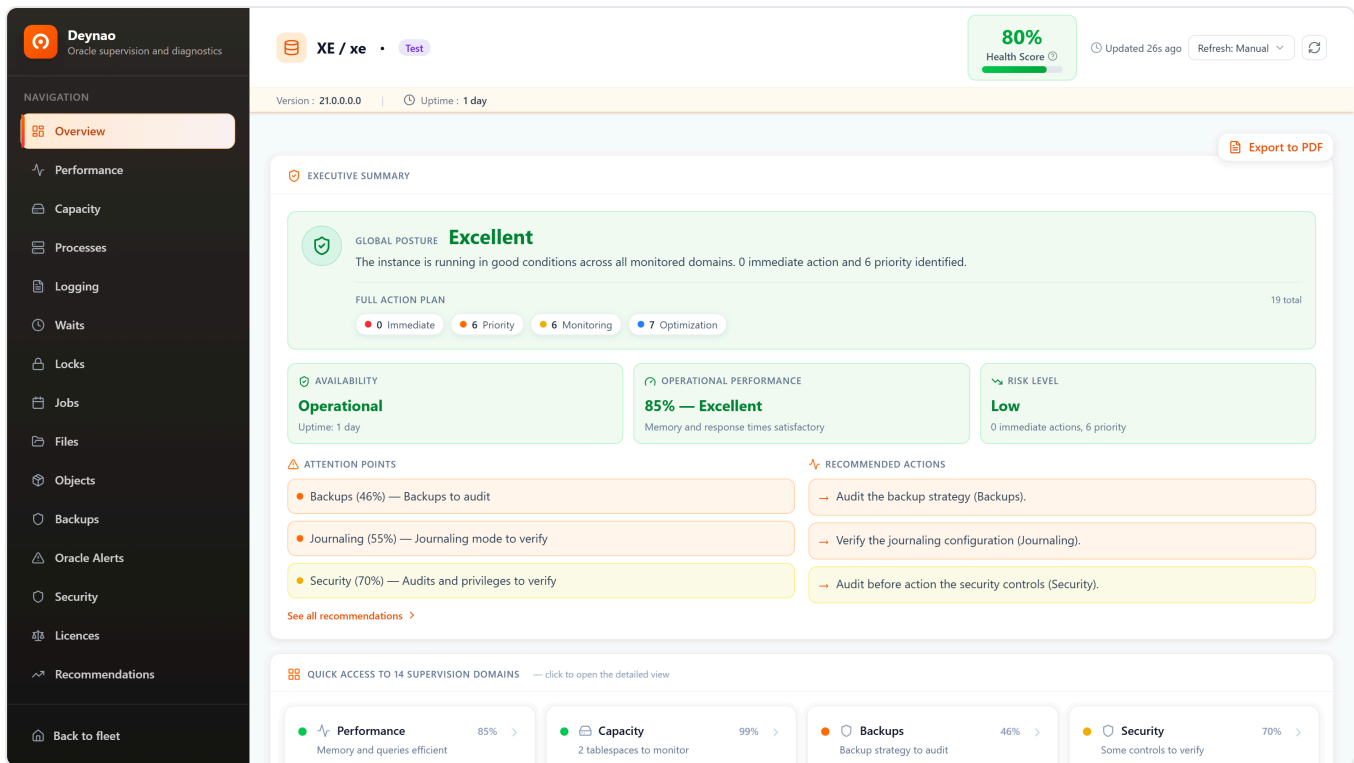
Every domain embeds a **"Help"** tab: a genuine **mini training guide** on Oracle — glossary, architecture, best practices, SQL commands, decision tree, emergency scenarios and FAQ (here, **12 modules** for Logging).

The screenshot shows the Deynao Oracle Logging Guide interface. On the left is a dark navigation sidebar with the Deynao logo and a list of domains: Overview, Performance, Capacity, Processes, Logging (highlighted), Waits, Locks, Jobs, Files, Objects, Backups, Oracle Alerts, Security, Licences, Recommendations, and Back to fleet. The main content area has a header with 'XE / xe' and a 'Test' button. A green '80% Health Score' badge is in the top right. Below the header is a 'Table of Contents - Click to navigate' section with 12 numbered items: 1. Quick Glossary (highlighted), 2. What is Oracle Logging?, 3. Why Logging is Critical, 4. Detailed Architecture, 5. Best Practices, 6. Essential SQL Commands, 7. Sizing Strategies, 8. Emergency Scenarios, 9. Decision Tree: Diagnostics, 10. Verify Displayed Data, 11. Maintenance Checklist, and 12. Frequently Asked Questions (FAQ). Below the table of contents is a 'Quick Glossary' section with a 'Beginner' tag. It contains two entries: 'ARCHIVELOG' (Oracle operating mode that automatically archives filled REDO logs via the ARCn process. Essential for point-in-time recovery (PITR), hot backups (RMAN) and Data Guard replication. Verifiable via V\$DATABASE_LOG_MODE.) and 'NOARCHIVELOG' (Default mode without REDO log archiving. Old REDO logs are overwritten on log switch — impossible to recover data after the last cold backup. Acceptable only in development/test, never in production.).

 **For whom?** A **junior** builds skills without leaving the tool; a **senior** refreshes their memory; someone **retraining** clarifies the terms. Oracle knowledge is **where** and **when** you need it.

Step 6 — Export a report

Deynao produces **professional reports** ready to share (fleet review, steering committee, archiving).

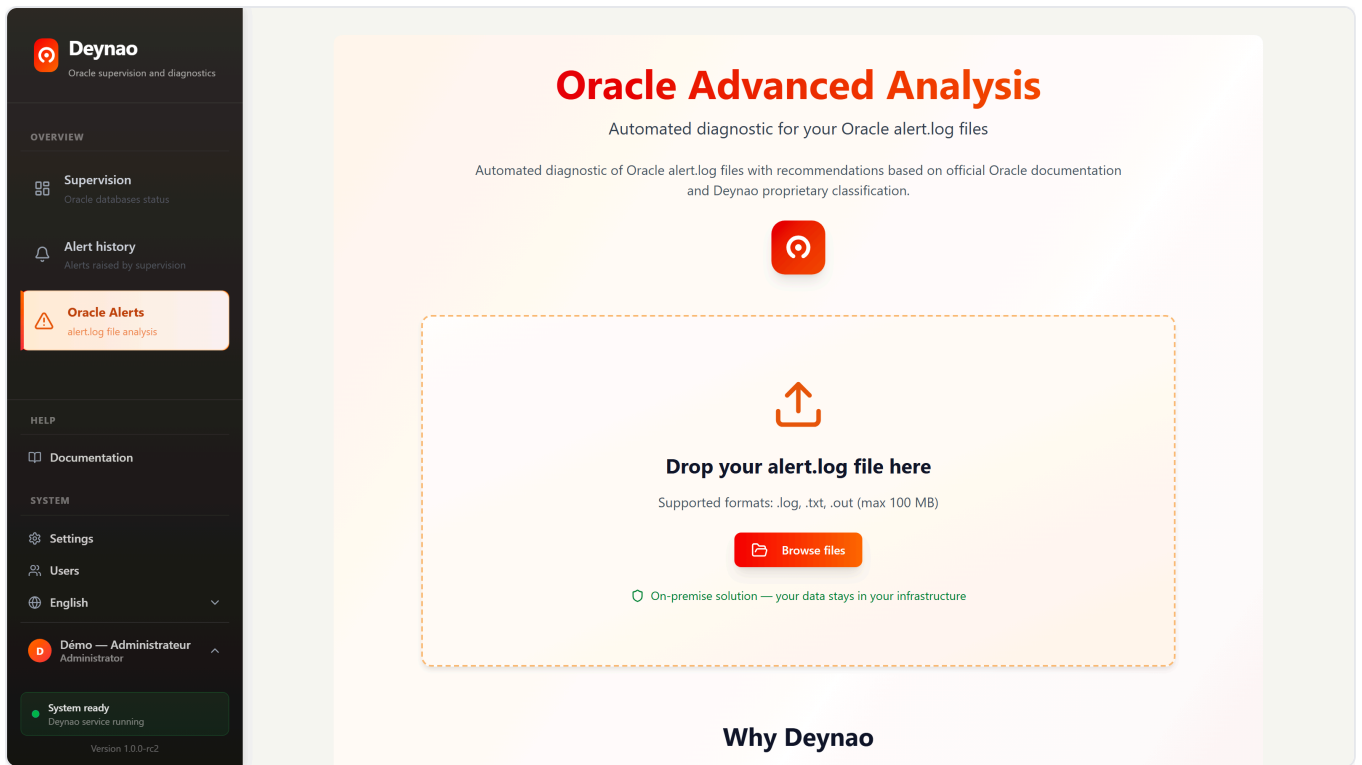


- **Export to PDF (Overview)** — a complete **executive report** of the database: score, summary, attention points and action plan, laid out and branded, with a "Read-only — no modification" note. Ready to **attach to an audit** or **share with your management**.
- **CSV and PDF (within each domain)** — a **targeted** export of the domain you are viewing (e.g. the Performance or Capacity detail), for analysis or integration with your tools.

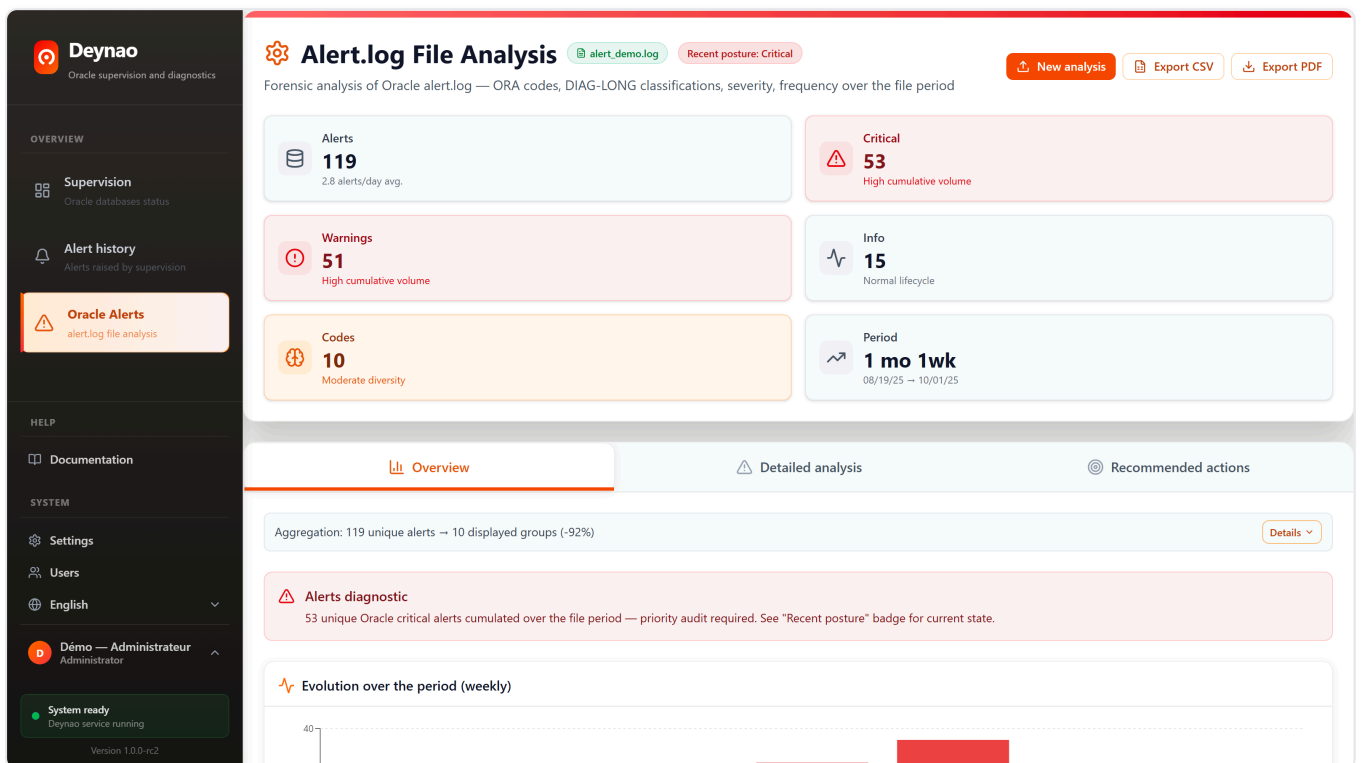
Exports do **not** query the database: they rely on the data **already displayed**. You can therefore export as many times as needed, with no impact whatsoever.

Step 7 — Analyze an alert.log file (even without access to the database)

A database may be **unreachable** (stopped, network down) — or you may only have its log file. Deynao can then analyze the **alert.log** **file directly**, with no connection at all: this is the "**Oracle Alerts**" screen (left menu).



Drop the file (.log , .txt , .out): **100% on-premise**, nothing leaves your network. Deynao produces a **forensic analysis** — ORA codes, severity, frequency, evolution over time — and an **action plan**.



★ **Why it is valuable to a DBA.** Diagnosing a **stopped** database from its log file alone, deduplicating thousands of lines into a few groups, dating the incident peaks — a considerable time saver, **without ever touching the database**.

7.1 Understand an alert in depth

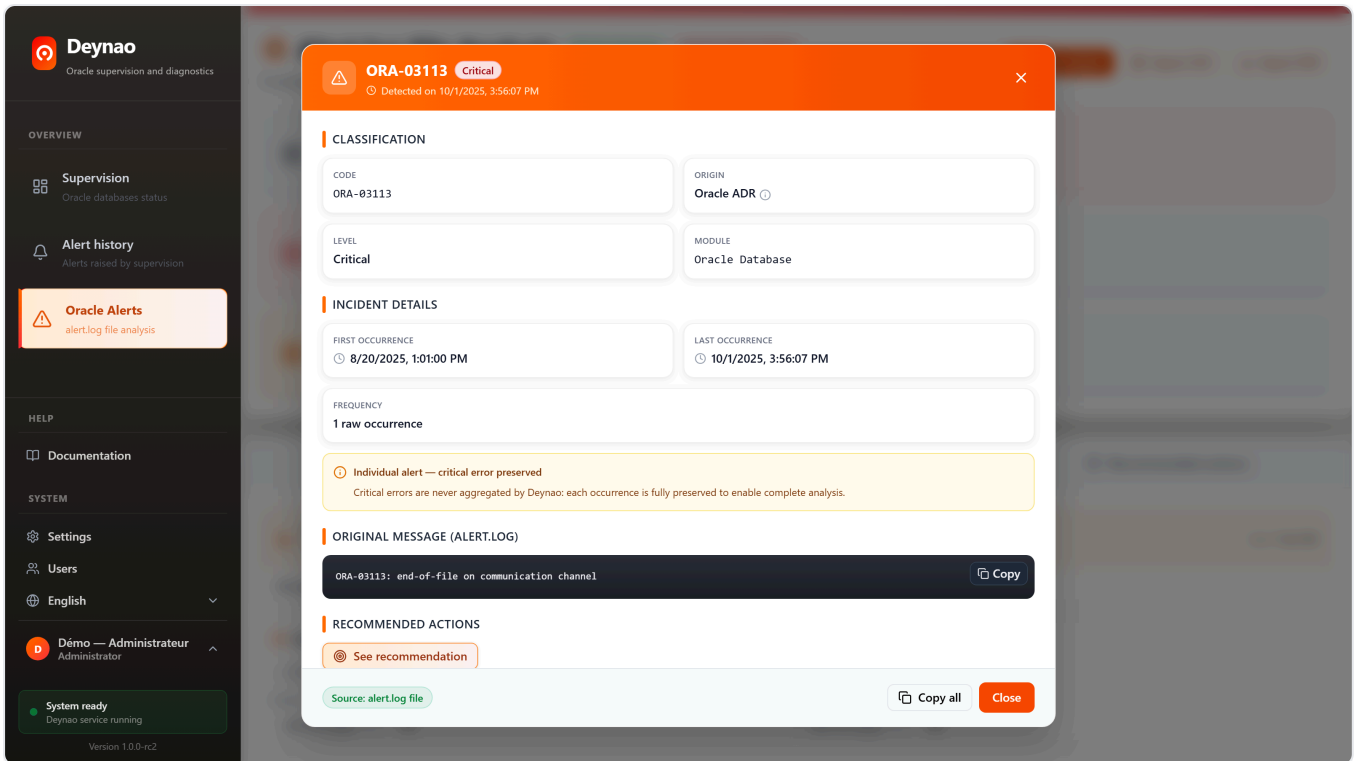
Click any alert to **open it in detail**: classification (ORA code, **Oracle ADR** origin, severity), **first and last occurrence**, frequency, and the **raw log message** — copyable in one click.

The screenshot shows the Deynao Oracle Alerts interface. On the left is a dark sidebar with navigation links: Overview, Supervision, Alert history, Oracle Alerts (highlighted), HELP, Documentation, SYSTEM, Settings, Users, English, and Demo — Administrateur. The main panel displays details for alert ORA-03113, which is Critical and detected on 10/1/2025, 3:56:07 PM. The details are organized into sections: CLASSIFICATION (CODE: ORA-03113, ORIGIN: Oracle ADR, LEVEL: Critical, MODULE: Oracle Database), INCIDENT DETAILS (FIRST OCCURRENCE: 8/20/2025, 1:01:00 PM, LAST OCCURRENCE: 10/1/2025, 3:56:07 PM, FREQUENCY: 1 raw occurrence), a note about individual alert preservation, ORIGINAL MESSAGE (ALERT.LOG) showing 'ORA-03113: end-of-file on communication channel' with a copy button, and RECOMMENDED ACTIONS with a 'See recommendation' link. At the bottom, there is a 'Source: alert.log file' link, a 'Copy all' button, and a 'Close' button.

The aggregation intelligence. Deynao **groups** repetitive alerts to spare you thousands of lines — **but never critical errors**: each one is **fully preserved**, because a single `ORA-00600` occurrence deserves your attention. The right balance between **summary** and **exhaustiveness**.

7.2 Recommendations linked to Oracle documentation

The "**Recommended actions**" tab sorts actions by **severity** then frequency, with, for each code, a **direct link to the official Oracle documentation** and, where relevant, a **read-only SQL script** to adapt.



 **A built-in knowledge base.** Deynao covers **more than 160 official ORA codes**, enriched with proprietary **DIAG-LONG** sub-categories (~**200 classifications** in total): most `alert.log` messages are **recognized, explained and documented**, from the most common to the most critical.

What makes Deynao unique

Beyond the features, a few **design choices** set Deynao apart — and answer the real constraints of an IT department, a public body or a DBA.


Deynao
Oracle supervision and diagnostics

OVERVIEW

Supervision
Oracle databases status

Alert history
Alerts raised by supervision


Oracle Alerts
alert.log file analysis

HELP

Documentation

SYSTEM

Settings

Users

English


Démo — Administrateur
Administrator

System ready
Deynao service running

Version 1.0.0-rc2

Why Deynao


Intelligent multi-version analysis
Automatic multi-version Oracle analysis (11g to 23ai) with error code extraction and classification fallback for wide coverage

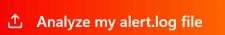

Oracle knowledge base + DIAG-LONG
Over 160 documented Oracle codes (official codes + Deynao proprietary DIAG-LONG subcategories) with links to Oracle documentation


Intelligent grouping
Massive noise compaction: groups repeated occurrences into unique alerts, keeping the exact counter


On-premise deployment
Deynao installs directly on your servers — your alert.log files stay within your network (no transmission to any external service)

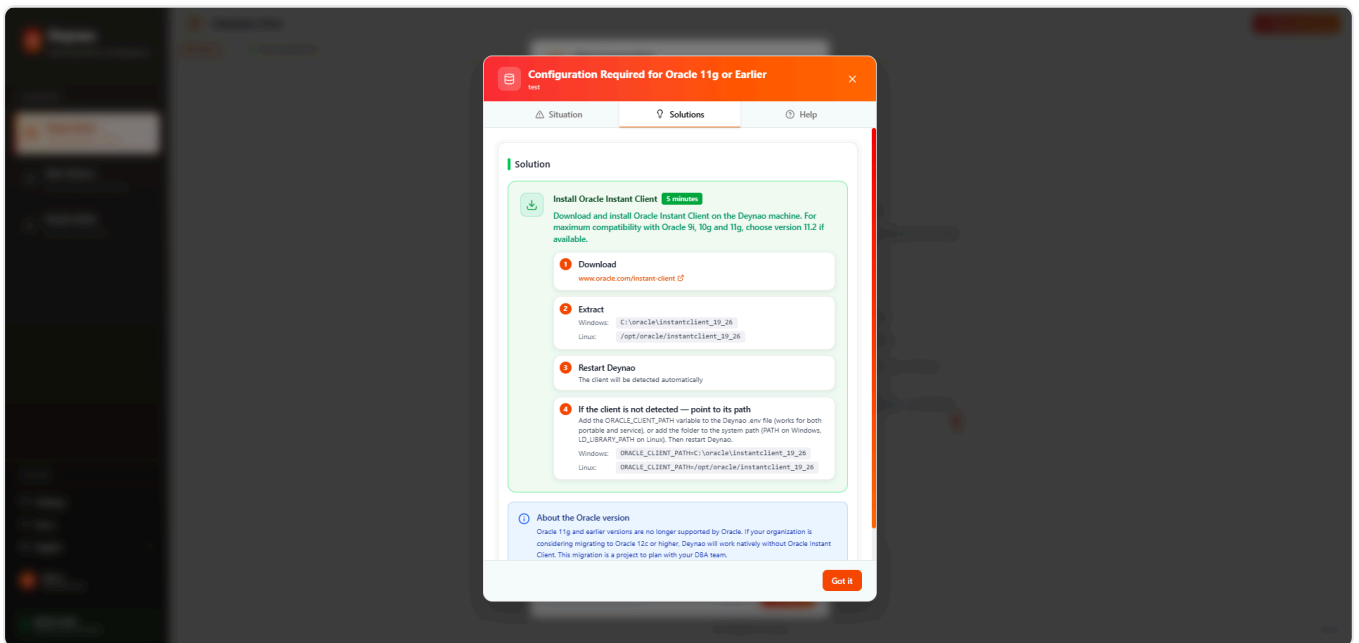
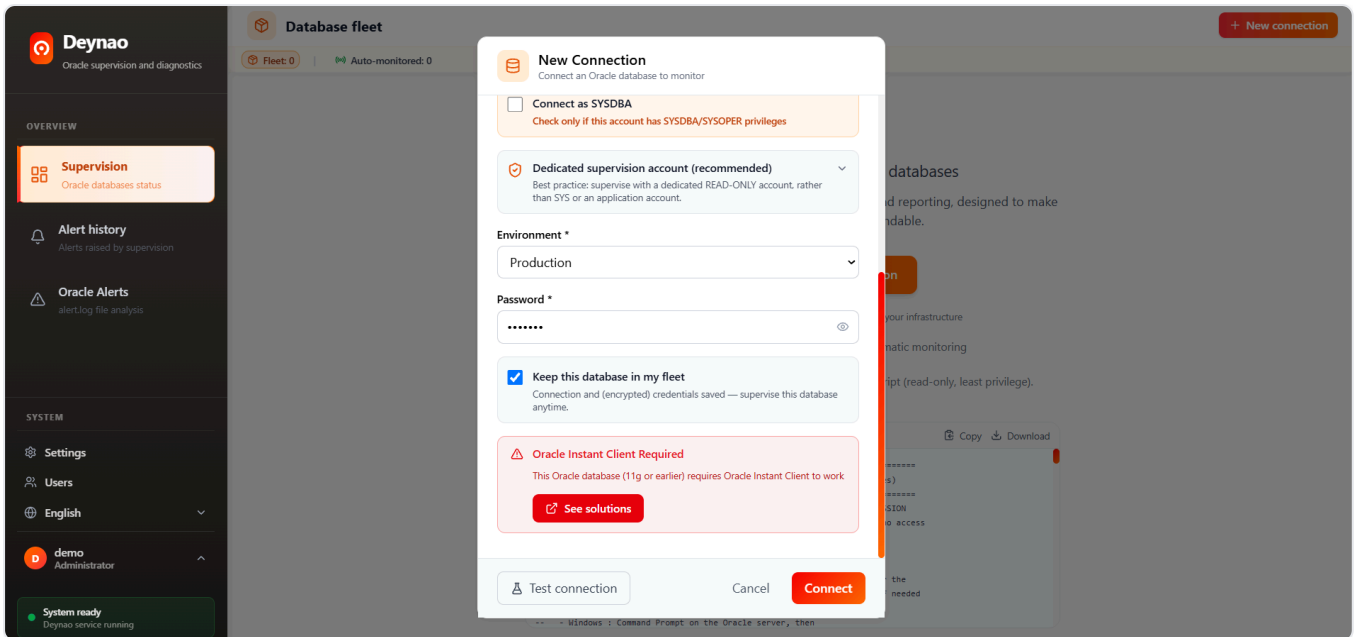

How to get your alert.log file?
Show alert.log file recovery guide

Ready to start?
Import your alert.log file to begin automated analysis



What Deynao does	What it brings you
100% on-premise	Your data (credentials, metrics, logs) never leaves your network. No cloud, no external transmission — a prerequisite for the public sector.
No Oracle Client required (<i>Oracle 12c+</i>)	Immediate install in <i>thin</i> mode; <i>thick</i> mode remains available for Oracle 11g .
Oracle 11g → 23ai	A single solution for your whole fleet, from legacy databases to the most recent.
Read-only	Deynao never modifies your database. The SQL scripts it suggests are yours to run.
Anti-lockout	Deynao never locks an account and never hammers a listener: an authentication circuit-breaker and a network back-off protect your production databases.
Zero log pollution	Deynao writes nothing into the <code>alert.log</code> of your supervised databases — an invisible supervision.
Educational	Every screen explains the <i>why</i> ; a non-DBA understands, a DBA saves time.
French & English	The entire interface and all reports, in both languages.

🔑 **Oracle 11g? Deynao guides you.** Databases in **11g** (and earlier) require the Oracle Instant Client. If Deynao detects the need, it does not leave you **stuck**: a **built-in assistant** explains **step by step** how to install it — about **5 minutes, without leaving the tool**. Your **legacy** databases stay supervised, alongside the most recent ones.



 **The cardinal principle.** Supervising must **never** put the supervised database at risk. That is the promise Deynao keeps on **every** connection.

You are ready

You now know how to **create your account**, **read the Fleet**, **connect a database**, **supervise it live** (Health Score, 14 domains), **export a report** and even **analyze an alert.log offline**. That is all you need for everyday on-demand use.

What's next? To have Deynao watch your databases **continuously and alert you automatically** (without anyone having to open the tool), move on to **autonomous supervision**: a **dedicated supervision account**, the **collector** running in the background, and **email alerts**. That is the subject of the next guide: "*Autonomous supervision*".