Product guide

What Abzu is: console and agents that phone home with mutual authentication, management through recipes, the two forms of the product and its per-agent licensing.

What Abzu is

Status: Available

Abzu is a management and backup platform formed by a central console and agents installed on each server. The console is bilingual, in Spanish and English. From it, the fleet is governed, applications are deployed, backups are scheduled and verified, and disaster recovery is planned.

The manufacturer is Jeturing Inc. The product is marketed in the security sector under the SEGRD brand.

High-level architecture

Status: Available

The architecture consists of two elements:

- **The central console**, which concentrates operations, policies, the audit log and evidence.
- **The agents**, installed on each server, which initiate communication toward the console. This model is called phone-home: the agent opens the outbound channel and maintains a periodic heartbeat.

Direct consequences of that design:

- **No central SSH keys are held.** The console does not store remote access credentials for all servers in a single place.
- **The channel between agent and console uses mutual authentication.** Both parties authenticate with a certificate before exchanging operations.
- **Each agent has its own identity**, with a certificate issued for that agent.

The platform manages Docker and Kubernetes containers and, as a licensed function, virtual machines and hypervisor containers. **Available today:** Proxmox VE, including its LXC containers. **Committed roadmap** (hypervisor programme launched in October 2026): VMware through vCenter, Hyper-V, Xen and generic KVM/libvirt.

Management through recipes

Status: Available

Applications are managed through versioned deployment recipes. A recipe declares the desired state of an application or service. The platform:

- Applies the recipe at the corresponding destination.
- Continuously compares the real state with the desired state and corrects or alerts on deviations, according to the defined policy. This mechanism is anti-drift reconciliation.
- Allows capturing the real state of an already existing service and converting it into a recipe revision, subject to approval, to bring it under versioned management.

Each recipe change is versioned, with its author and its history, and can be rolled back.

Backup and recovery

Status: Available

Abzu backs up applications, volumes, files and databases, and verifies each backup by restoring it in an isolated environment. Disaster recovery is planned with versioned plans whose execution requires human approval. Detail is set out in the backup and disaster recovery document of this library.

The two forms of the product

Form	Description
Integrated commercial	Integrable, multi-organisation form, with federated sign-in. It integrates with the vendor's platform without maintaining a parallel assignment register.
Turnkey self-contained government	Self-contained installation on the institution's infrastructure. It can operate offline, with signed offline activation. The licence is perpetual.

The core is the same in both forms: console, agents, recipes, verified backups and planned recovery. Packaging, identity and licensing change.

Licensing and activation

Status: Available

- Licensing is **per agent**, with **unlimited containers per agent**.
- **Commercial form:** annual subscription per agent, **US$2,000 per agent per year**.
- **Government form:** perpetual licence per agent, **US$5,000 per agent**, plus annual support of 20%, with the first year included.
- **Scope of each agent:** each installed agent is one licence unit. An agent protects only the server where it resides and everything that server contains — its containers, volumes and databases —; an agent's backup is limited to its own host.
- Activation in the government form can be performed **offline**, through a signed licence file that the installation verifies locally.
- Expiry or the absence of a licensed function produces a soft block: what is new stops and what already operates is not shut down or altered.

Official prices in force since 20 October 2026, according to the product sheet.

Declared usage restrictions

- Virtual machine management on hypervisors requires the licence that covers that function (available today on Proxmox VE).
- Tape and destination types other than the object repository form part of the committed destinations programme (roadmap); see the backup and disaster recovery document.
- The Key Custody Protocol requires custodians' WebAuthn access keys to operate.