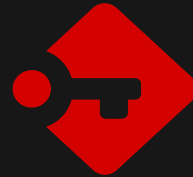


Improve Secret Management

Enterprise-grade password management for your organization



Feb 11, 2025



Terry Smith

Global Partner Solutions Director



Max Zanardo

Head of Customer Relations



Our mission is to transform
open source innovations
into enterprise solutions
to give customers choice



SUSE at a glance



1992

Founded in
Nuremberg



HQ

Luxembourg



40

Offices



2,600

Employees



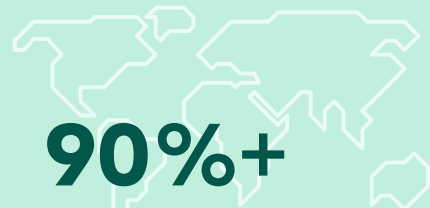
\$700m+

Revenue



10,000+

Enterprise
Customers



90%+

Of the world's leading
companies rely on SUSE [6]



**Top Supply Chain
Security Certifications**

[3]

**Developer contributions
measured every day →**

Publicly ranked alongside the
largest technology companies

Top 5



Consistently

Top 8



Top 12



10/10

of the largest
Automotive
companies

13/15

of the largest
Pharmaceutical
companies

14/15

of the largest
Aerospace
companies

13/15

of the largest
FinServ
companies

**Recognised leader in
Container Management
& Virtualization →**

[2]

Gartner



**United Nations
Global Compact**

**17% emissions
reduction since 2022**

[4]

**World-class
ecosystem of
partners**

5 years in a row [5]



SUSE at a glance



We make **Linux**
and manage many



We make **Kubernetes**
and manage many



We make **security**
the default



We make **GenAI**
solutions for many models



We are pioneers in
edge technology



We deliver
world-class **support**

SUSE solutions help overcome your challenges

Open & enterprise ready

Bringing together enterprise diversity

with enterprise reliability



SUSE solutions help overcome your challenges

Open & enterprise ready

Integrated security & governance

Bringing together enterprise diversity

with enterprise reliability

Trusted SUSE supply chain

Your infrastructure secured & compliant



SUSE help overcome your challenges

Open & enterprise ready

Integrated security & governance

Ease of use

Bringing together enterprise diversity

With enterprise reliability

Trusted SUSE supply chain

Your infrastructure secured & compliant

Simplify operations across infrastructure

Optimizing cost & accelerating modernization





SUSE Linux Enterprise Server

The open, reliable, compliant, and future-proof Linux Server choice that ensures the enterprise's business continuity.

- **Adaptable and Easy-to-Manage**

Easily deploy **anywhere** - in the data center, in the cloud, and at the edge

- **Stable and Resilient**

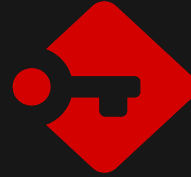
Engineered for maximum uptime for business-critical workloads, including support for **high availability** configurations

- **Secure and Compliant**

Developed with a secure supply chain, secure build, and trusted delivery, and **meeting or exceeding government and industry compliance standards** (including EAL4+, SLSA, FIPS 140-3, and FIDO)

- **Enterprise Lifecycle and Support**

Predictable release and maintenance schedule, world-class support, and long-term support lifecycle



Password management for your enterprise

**Poor password
management policies
are responsible for **81%**
of data breaches**

Source: Verizon Data Breach Investigation report

What is Passbolt?



Security-first

End-to-end encryption,
user-controlled keys



Built for collaboration

Team-focused password
sharing



Privacy by design

100% open source,
on-premises option



AUDITED REPORT
SOC 2 Type II



COMPLIANT
GDPR



MEMBER OF
Cybersecurity
Made in Europe



MEMBER OF
FIDO Alliance

The open source credential manager built for collaboration

Go ahead share your **secrets**, totps, passwords.

Assign permissions to groups, users, etc. by secrets individually and/or by folders.

The screenshot displays the Passbolt web interface. At the top, there are navigation links for "passwords", "users", and "help", along with a "sign out" button. The main header includes the Passbolt logo, a search bar for "passwords", and buttons for "+ Create", "Share", and "Copy".

The left sidebar shows a navigation menu with "All items" (Favorites, Recently Modified, Shared with me, Owned by me) and "Folders" (Root, Personal, Family, Admin). The "Teams" section lists "Admin", "DevOps", and "Developers".

The main content area shows a list of items. The "Mastodon" item is selected. A "Share 3 resources" dialog box is open in the foreground, listing the following users and their permissions:

- Ada Lovelace (ada@passbolt.com) with permission "varies"
- Hedy Lamarr (hedy@passbolt.com) with permission "is owner"

The dialog box also includes a "Share with people or groups" section with a text input field "Start typing a user or a group name" and "Cancel" and "Save" buttons.

At the bottom right, there is a dark bar containing four logos: Firefox, Google Chrome, Microsoft Edge, and the Passbolt logo.

Built-in automatic expiry

When a user is deleted, leaves a group, loses a permission, etc. it automatically marks accessed items as needing to be rotated.

Administration > Password Expiry > Settings

Password Expiry

Expiry Policies

In this section you can choose the default behaviour of password expiry policy for all users.

Default password expiry period

When a user creates a resource, a default expiry date is set to **90** days

Policy Override

Allow users to override the default policy.

Automatic workflows

In this section you can choose automatic behaviours.

Automatic Expiry

Password automatically expires when a user or group with a user who has accessed the password is removed from the permission list.

Automatic Update

Password expiry date is renewed based on the default password expiry period whenever a password is updated.

Set an expiry date

Select the date automatically:

389 days from now.

Select the date manually:

DD/MM/YYYY HH:MM:SS



Never

This resource does not need an expiry date.

Cancel

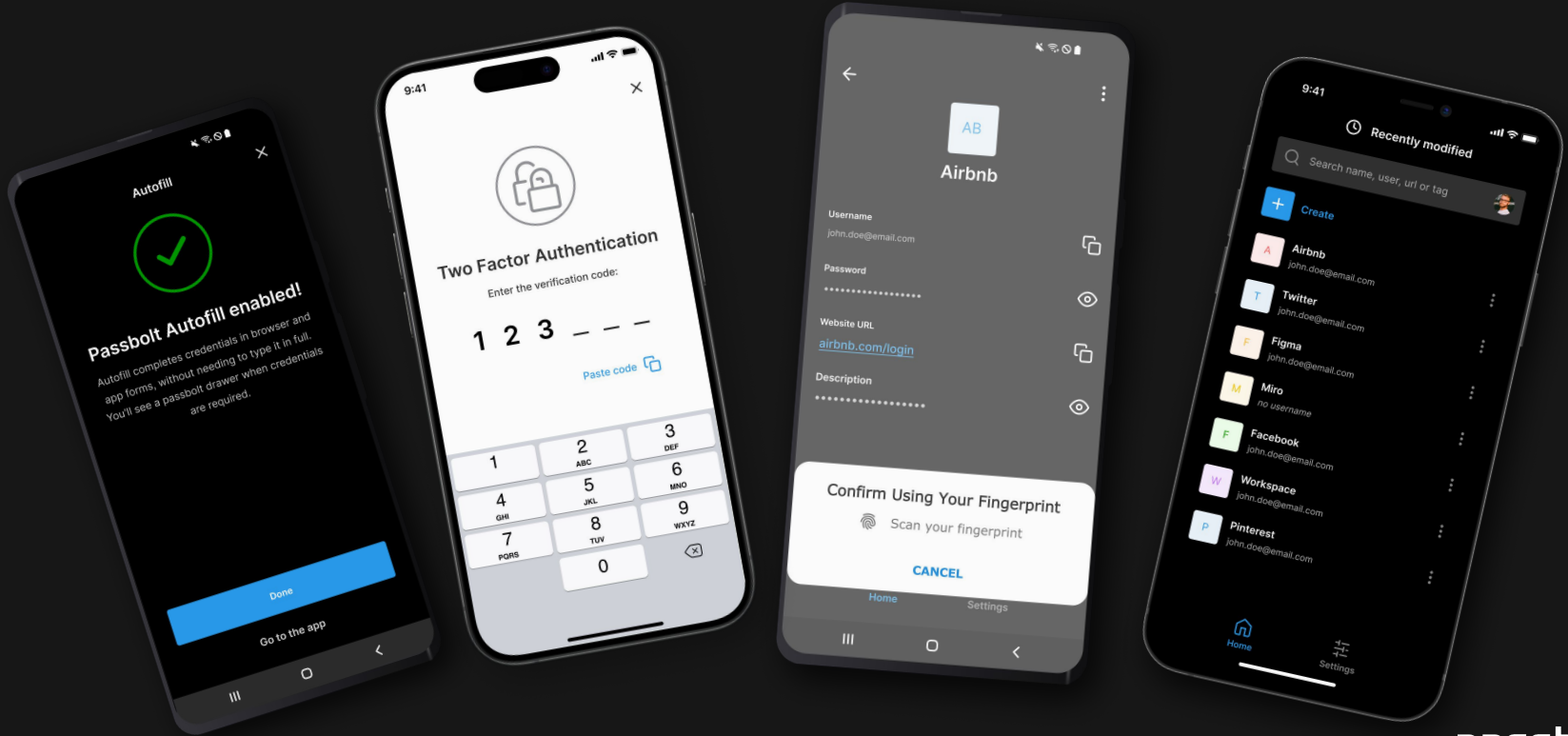
Save

Real time collaboration

Credentials are available on the go via **native** apps

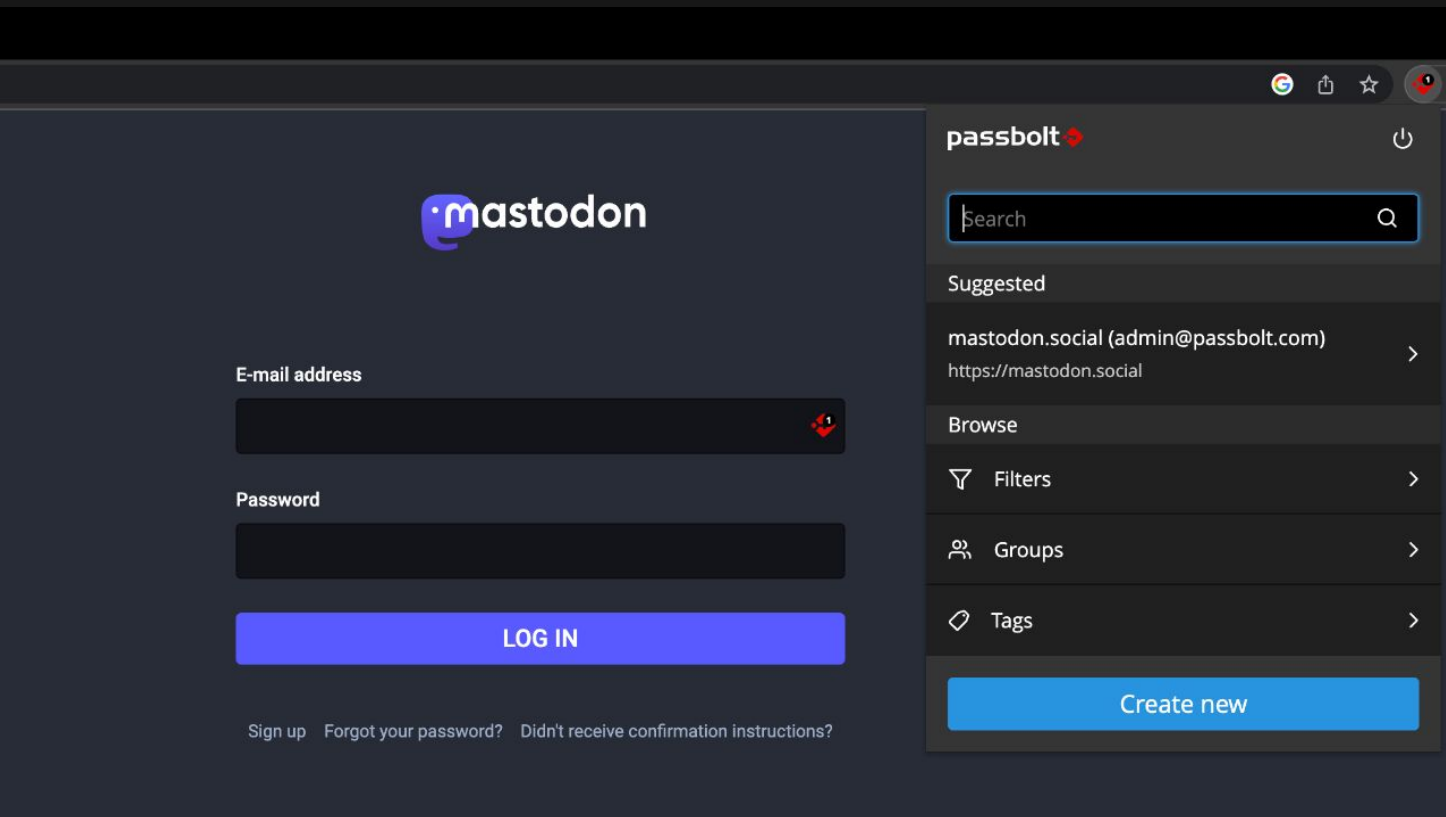


iOS



Available to non-power user

Via "quick access" or directly in **web forms**...



The image shows a dark-themed web interface. On the left is the Mastodon login form, and on the right is a Passbolt sidebar menu.

Mastodon Login Form:

- Logo: **mastodon**
- Label: **E-mail address**
- Input field: [Redacted]
- Label: **Password**
- Input field: [Redacted]
- Button: **LOG IN**
- Links: [Sign up](#) [Forgot your password?](#) [Didn't receive confirmation instructions?](#)

Passbolt Sidebar Menu:

- Header: **passbolt** [Power icon]
- Search: [Search input field]
- Section: **Suggested**
- Item: **mastodon.social (admin@passbolt.com)** [https://mastodon.social] [Chevron right]
- Section: **Browse**
- Item: **Filters** [Chevron right]
- Item: **Groups** [Chevron right]
- Item: **Tags** [Chevron right]
- Button: **Create new**

Or in a **terminal** near you

Passbolt can also be used as a secret management tool in your pipelines

```
$> passbolt get 664735b2-4be7-36d9-a9f8-08d42998faf8
-----BEGIN PGP MESSAGE-----
```

```
$> passbolt get \  
$(passbolt find | awk '/server/ { print $NF }')\  
| gpg -q --no-tty
```

- ✓ Retrieve, store, and share passwords programmatically with the JSON api.
- ✓ Automate recurring tasks with CLI.
- ✓ Use with Ansible, CI/CD, K8s operator...



```
$> export SECRET=`curl --location --request GET '${PASSBOLT_URL}'\  
--header 'Authorization: ${ACCESS_TOKEN}' \  
--header 'Content-Type: application/json' \  
| jq -j '.body.data' \  
| gpg -q --no-tty \  
| jq -j '.password`
```

Installation overview



SUSE Linux
Enterprise Server

RPM package

for
SUSE Linux Enterprise Server



SUSE Rancher
Prime

Helm chart

for
SUSE Rancher Prime



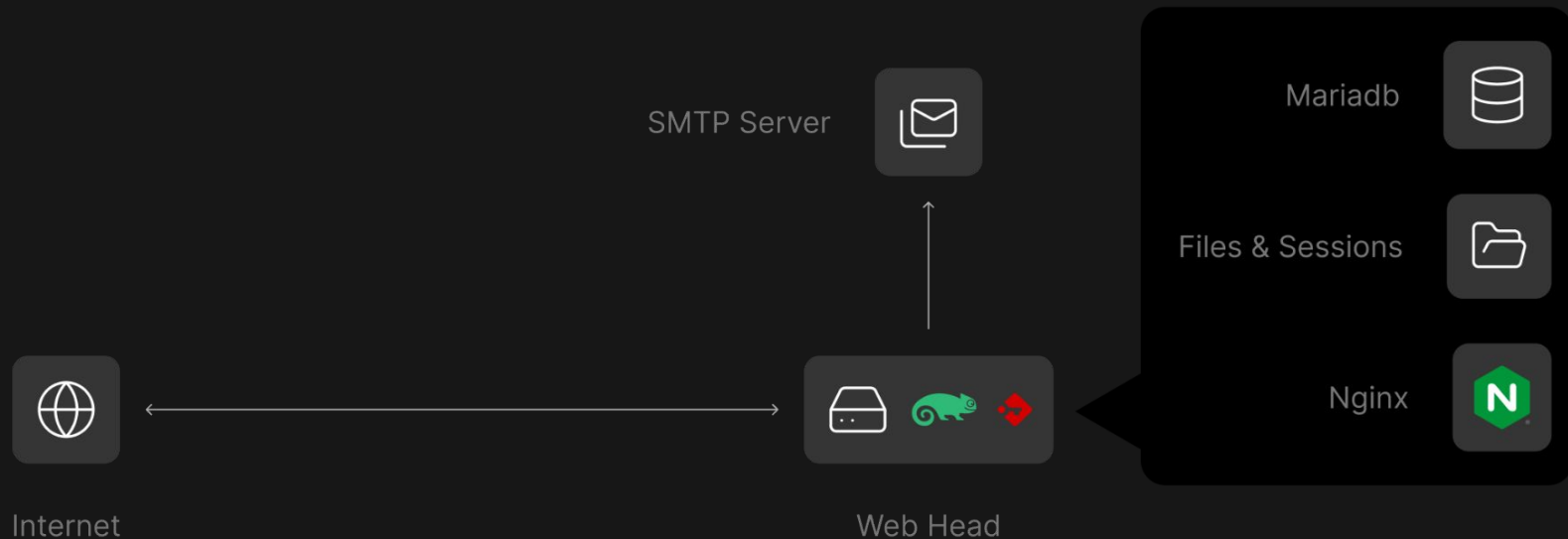
Ansible playbook

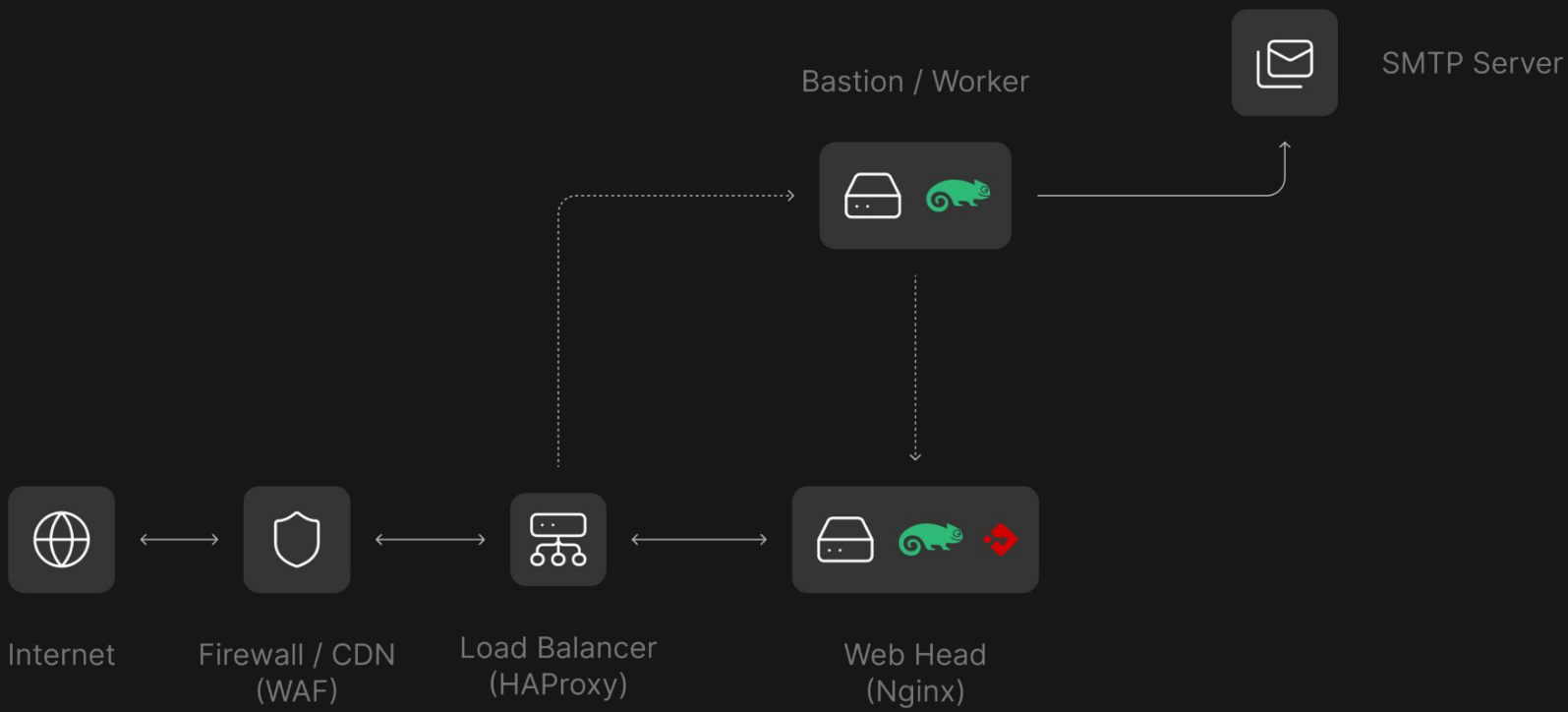


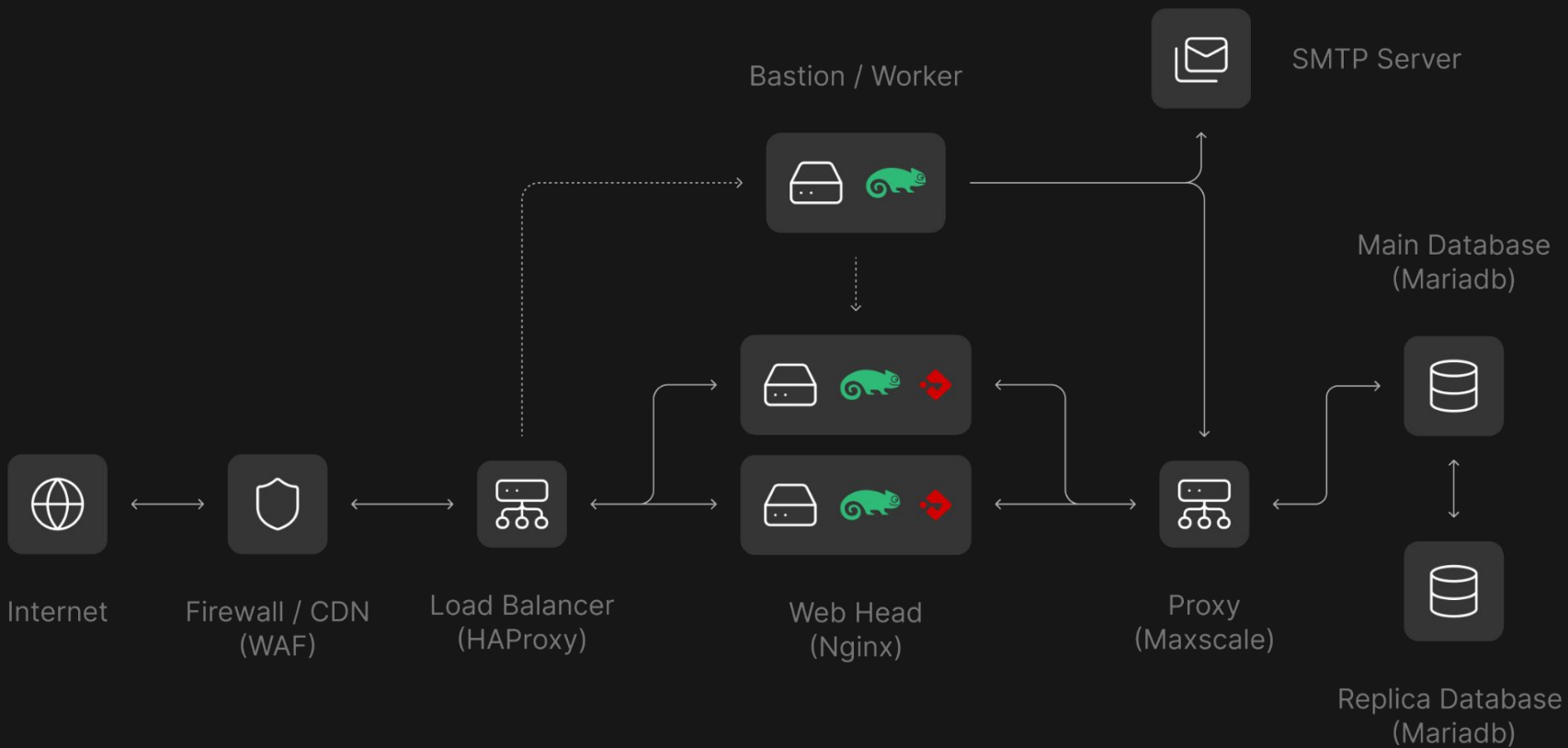
Installation of Passbolt
on SUSE Linux Enterprise Server

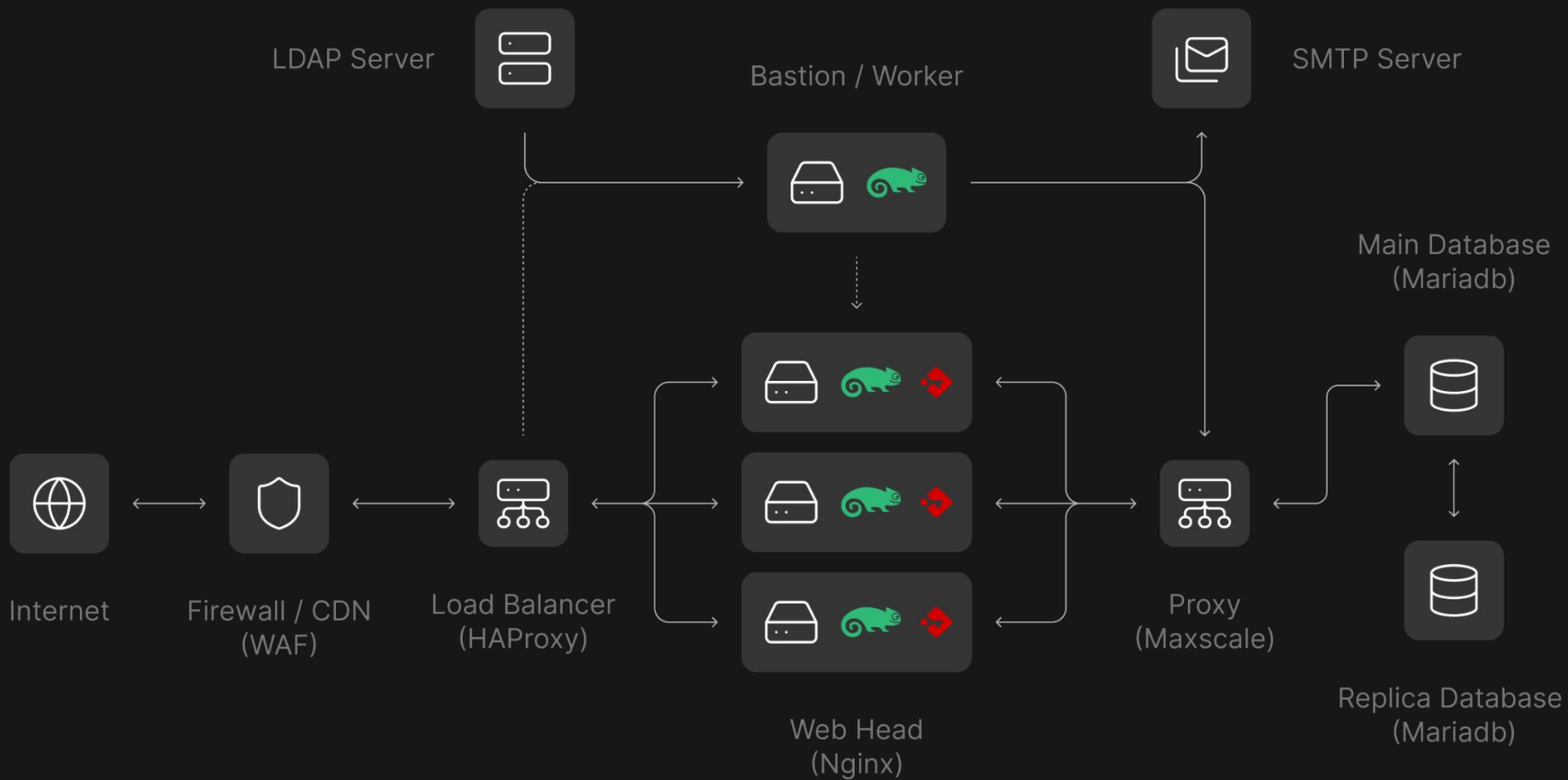
```
ssh passbolt@127.0.0.1 -p 2222  
localhost:/home/passbolt #
```

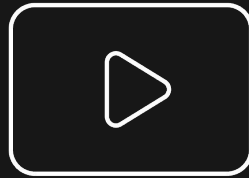
Scalable architecture











Live Demo



SUSE

Thank you

Continue your learning journey at ...

<https://www.passbolt.com/suse-linux-enterprise-server>

<https://www.suse.com>

