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# Odoo.sh

Mailovemisa

Onnet - AHT

May 20th, 2022

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Odoo hosting types

# Odoo Online - SaaS

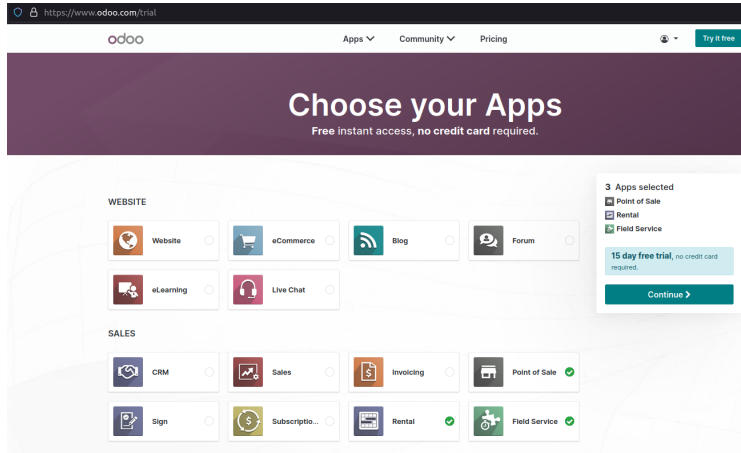


Figure 1: Odoo SaaS

## Odoo Online - SaaS

- Cloud-based
- Internet connection required
- No installation required
- No server maintenance required
- Migration to updated version included
- Email server included
- 100% hacking-safe ???
- Odoo standard (no cutomizations)
- Odoo apps only (no third-party apps)

# Odoo On-premise

You need to download the software and install it, either on your computer or on your server.

You are **responsible** for **everything** related to the running of the software

- Local installation
- Customization possible (on existing apps or to create new apps)
- Third-party application installation possible
- Technical knowledge required to ensure maintenance, back-ups, safety of data
- Migration to updated version included
- Full control, full autonomy and full responsibility

# The disadvantages

- Inflexible (Online)
- Maintenance efforts (On-premise)



# Odoo.sh - (PaaS)

Odoo's Platform as a Service (PaaS) cloud solution

|                                    | Online | On-Premise | Odoo.sh |
|------------------------------------|--------|------------|---------|
| Quick/Easy Setup                   | YES    |            | YES     |
| Easy maintenance of certified Apps | YES    |            | YES     |
| Guaranteed 99.9% uptime            | YES    |            | YES     |
| Automated backups                  | YES    |            | YES     |
| Email Server                       | YES    |            | YES     |
| Odoo certified Apps                | YES    | YES        | YES     |
| Third-party Apps                   |        | YES        | YES     |
| Server Control                     |        | YES        | YES     |
|                                    |        |            |         |

# Odoo SH Features

- Github Integration
- CI/CD
- Logs
- Shell
- Module Dependencies
- Mail Catcher, Mail Server
- Testing
- Monitoring
- DNS
- Up to date
- Instance Recovery

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# Branches

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## Stages

- 3 Stages: Production, Staging, Development
- Migrating configuration
  - Write them in XML, increase module version number → merge
  - pass them manually

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# Tabs

- History
- Mails (staging & dev)
- Shell
- Editor
- Monitor
  - Metrics
  - Profiling

# Tabs

- Logs

- odoo.log
- pip.log
- install.log
- odoosh-import-database.log
- pg-slow-queries.log
- jupyter-lab.log
- update.log

- Backups

- Testing/Exact dump
- With/without filestore
- auto & manual backup (limit 5/day)
- database dump, filestore, logs, sessions.
- 14 full backups of each Odoo production instance for up to 3 months
- 1/day for 7 days, 1/week for 4 weeks, 1/month for 3 months.
- a backup with **Update** tag

## Tabs

- Settings
- Behavior upon new commits:
  - New build
  - Update prev build
  - Do nothing
- Module installation
  - Install only my modules
  - Full installation (all modules)
  - Install a list of modules
- Test suite (only dev)
- Odoo version
  - Latest (weekly update)
  - Fixed (expired in 3 months)
- Custom domains
  - Dedicated servers have static IP addresses
  - Shared servers static IP address cannot be guaranteed
  - HTTPS/SSL
  - SPF and DKIM compliance
- Operating System

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# Builds



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## Build:

A build is considered as a database loaded by an Odoo server running on a specific revision of your project repository in a containerized environment.

A build is created when - push new branch - import database - rebuild

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## Build Stages

Builds for Staging and Production are in the same server but they access different codes and database, while builds for development are in other servers

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# Status

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## Changelog

# Upgrade Odoosh

The screenshot shows the Odoosh web interface. At the top, there's a navigation bar with links: odoo.sh, Branches, Builds, Status, Settings, Changelog, and Documentation. Below this, a sidebar on the left contains a search bar 'Filter branches...' and a list of branches categorized under 'Production', 'Staging', and 'Development'. The 'main' branch under 'Production' is selected, showing version '14.0' with a green status icon. The main content area has a sub-header 'main' and a tabbed interface with options: HISTORY, SHELL, EDITOR, MONITOR, LOGS, BACKUPS, **UPGRADE**, and SETTINGS. The 'UPGRADE' tab is active, displaying the title 'Upgrade a production branch'. Below the title, there's explanatory text about the upgrade process, a warning box stating 'Warning: Do not launch the upgrade process on the production branch without testing it first on a staging branch.', and a section titled 'Please select the target version for this upgrade' with a dropdown menu showing '15.0' and a 'Start Upgrade' button.

Figure 3: Upgrade Odoosh

## Credentials security check

For staging and production databases, any detected demo/test passwords are now removed automatically when a database is created, imported or restored from a backup

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# Settings

# Overview

- Project name
- Collaborators

|                      |                 | User | Admin |
|----------------------|-----------------|------|-------|
| Development          | History         | X    | X     |
|                      | 1-click connect | X    | X     |
|                      | Logs            | X    | X     |
|                      | Shell/SSH       | X    | X     |
|                      | Mails           | X    | X     |
|                      | Settings        | X    | X     |
| Production & Staging | History         | X    | X     |
|                      | 1-click connect |      | X     |
|                      | Logs            |      | X     |
|                      | Shell/SSH       |      | X     |
|                      | Mails           |      | X     |
|                      | Monitoring      |      | X     |
|                      | Backups         |      | X     |
|                      | Settings        | X    | X     |
| Status               |                 | X    | X     |
| Settings             |                 |      | X     |

Figure 4: Collaborators



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# Container

- directory structure
- database shell
- odoo shell
- debug

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## Submodules

# Submodules

- git submodules
- pin specific version
- use and depend on modules available in other repositories
- configure a deploy key for private repo
- ignore modules

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## Some Notes

- Do not expect any scheduled action to be run more often than every 5 min.
- Scheduled actions do not run at the exact time they were expected
- Odoo.sh always limits the execution time of scheduled actions
- Idle Odoo workers may be terminated after a reasonable amount of time and will be automatically re spawned upon the next activity
- Deleting the Github repository does not delete the project
- Instance API, no platform API
- Odoo Online & Odoosh do not expose the postgresql clusters to the internet.

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# Pricing

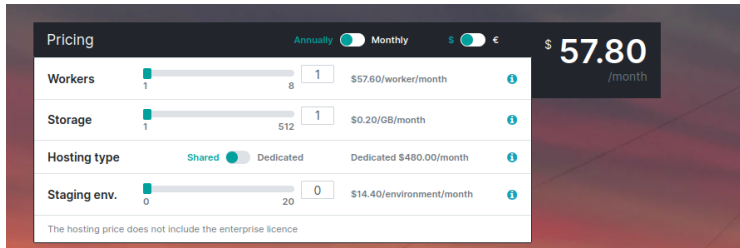


Figure 5: Pricing



|                    |          |        |        |           |          |               |           |            |      |
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| 0000000            | 00000    | 000    | 0      | 000       | 00       | 0             | 00        | 00         | 000● |

# Trial project

- 1 worker, 2 stagings, 1GB storage per build
- 30 days
- 60 days after expiration