

Odoo AWS Documentation

Complete documentation for Odoo 18 development on AWS EC2

Documentation Index

This folder contains all documentation needed for developing and deploying Odoo on AWS.

Quick Start

Start here if you're new to the project:

- [QUICK START GUIDE.md](#) - Get up and running in 5 minutes

Main Documentation

Complete workflow and reference:

- [ODOO GIT WORKFLOW DOCUMENTATION.md](#) - Full Git workflow, commands, and best practices

Access & Credentials

Sensitive information (keep secure):

- [SERVER CREDENTIALS.md](#) - Server access, passwords, and credentials

Operations

Day-to-day operations:

- [DEPLOYMENT CHECKLIST.md](#) - Step-by-step deployment guide
-

Quick Links

Server Access

- **Web Interface:** <http://56.228.2.47:8069>
- **SSH:** ssh -i MyTestApp-KeyPair.pem ec2-user@56.228.2.47
- **GitHub:** <https://github.com/karem505/API-for-odoo> (Private)

Common Tasks

```
# Connect to server
ssh -i MyTestApp-KeyPair.pem ec2-user@56.228.2.47

# Deploy latest code
cd /home/ec2-user/odoo18
git pull origin development
sudo systemctl restart odoo

# Check logs
tail -f /home/ec2-user/.odoo/odoo-server.log
```

📁 Project Structure

```
Odoos AWS Logs/
├── README.md           ← You are here
├── INDEX.md            ← Complete documentation index
├── QUICK_START_GUIDE.md ← New developer onboarding
├── ODOO_GIT_WORKFLOW_DOCUMENTATION.md ← Complete reference guide
├── SERVER_CREDENTIALS.md ← Access credentials (confidential)
├── DEPLOYMENT_CHECKLIST.md ← Deployment procedures
├── DEPLOYMENT_LOG.md   ← Deployment history
└── TROUBLESHOOTING_GUIDE.md ← Problem solutions
    └── REPOSITORY_MIGRATION_SUMMARY.md ← Private repo migration details
```

🎓 Learning Path

For New Developers

1. Read **QUICK_START_GUIDE.md**
2. Connect to server via VS Code
3. Make your first commit (guided in Quick Start)
4. Read **ODOO_GIT_WORKFLOW_DOCUMENTATION.md** sections:
 - Repository Structure
 - Daily Development Workflow
 - Git Commands Reference

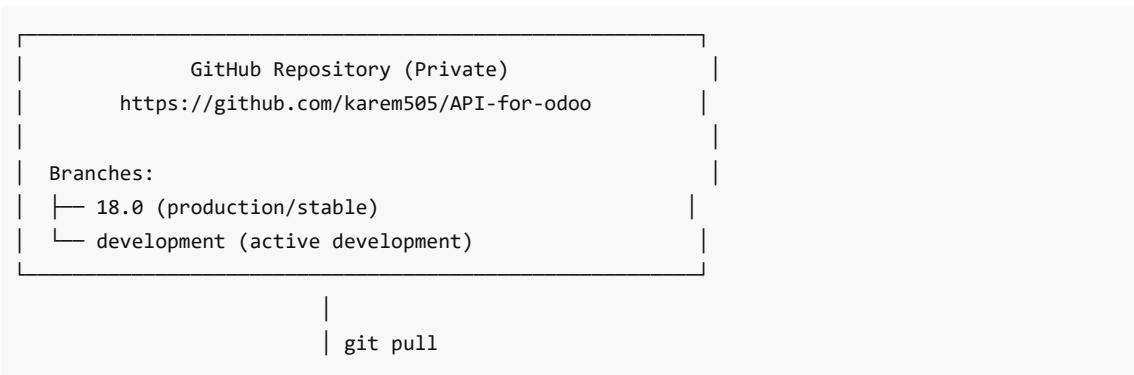
For Team Leads

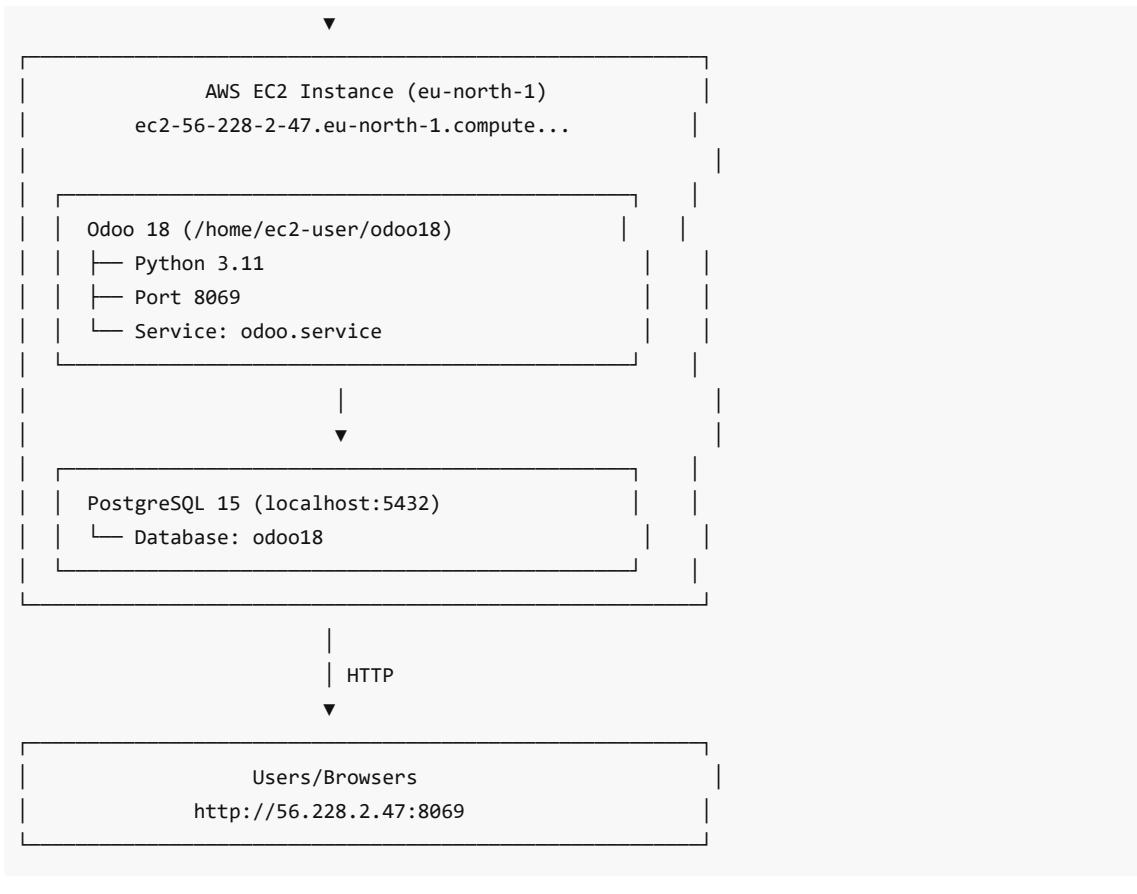
1. Review **SERVER_CREDENTIALS.md** - Understand access control
2. Study **ODOO_GIT_WORKFLOW_DOCUMENTATION.md** - Team Workflow section
3. Use **DEPLOYMENT_CHECKLIST.md** for every deployment
4. Set up branch protection on GitHub

For DevOps

1. **SERVER_CREDENTIALS.md** - Infrastructure details
2. **ODOO_GIT_WORKFLOW_DOCUMENTATION.md** - Deployment section
3. **DEPLOYMENT_CHECKLIST.md** - Deployment procedures

🏗 System Architecture

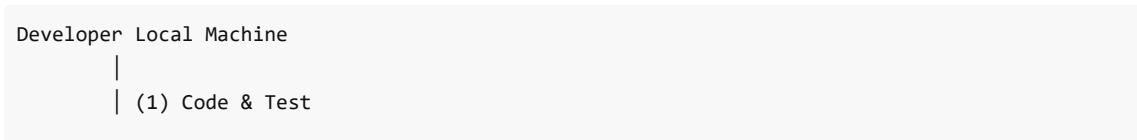




🔧 Technology Stack

Component	Technology	Version
Framework	Odoo	18.0
Language	Python	3.11.13
Database	PostgreSQL	15.14
Web Server	Werkzeug (built-in)	2.2.2
OS	Amazon Linux	2023
Cloud	AWS EC2	t3.micro
Version Control	Git	2.50.1
Repository	GitHub	-

👥 Team Workflow Overview



▼
Feature Branch (GitHub)

|
| (2) Pull Request

▼

Development Branch (GitHub)

| Code Review
| Approve & Merge

▼

AWS Production Server

| (3) Deploy
| git pull + restart

▼

Live Odoo Instance

<http://56.228.2.47:8069>

📊 Key Metrics & Goals

Performance Targets

- **Page Load:** < 2 seconds
- **API Response:** < 500ms
- **Uptime:** > 99.5%

Development Targets

- **Deployment Time:** < 5 minutes
- **Code Review Time:** < 24 hours
- **Bug Fix Time:** < 48 hours

Quality Targets

- **Test Coverage:** > 80%
- **Zero Critical Bugs:** In production
- **Documentation:** Up to date

🔒 Security Guidelines

Access Control

- SSH key required for server access
- GitHub 2FA enabled for all team members
- Master password protected
- Regular credential rotation

Best Practices

- Never commit credentials to Git
- Never share SSH keys publicly
- Never expose database directly to internet
- Always use HTTPS in production (TODO)
- Regular security updates
- Monitor access logs

Maintenance Schedule

Daily

- Monitor logs for errors
- Check disk space
- Review user issues

Weekly

- Deploy approved features
- Database backup verification
- Security group review

Monthly

- Update from upstream Odoo
- Clean up old branches
- Performance optimization review

Quarterly

- Rotate credentials
- AWS cost review
- Infrastructure optimization

Emergency Procedures

Server Down

```
# Check status
ssh -i MyTestApp-KeyPair.pem ec2-user@56.228.2.47
sudo systemctl status odoo

# Restart if needed
sudo systemctl restart odoo

# Check logs
tail -n 100 /home/ec2-user/.odoo/odoo-server.log
```

Database Issues

```
# Check PostgreSQL
sudo systemctl status postgresql

# Restart if needed
sudo systemctl restart postgresql

# Check connections
sudo -u postgres psql -c "SELECT * FROM pg_stat_activity WHERE datname='odoo18';"
```

Rollback Code

See [DEPLOYMENT CHECKLIST.md](#) - Rollback section

Support & Resources

Internal Resources

- **Team Lead:** @karem505
- **Repository:** <https://github.com/karem505/API-for-odoo> (Private)
- **Server Logs:** /home/ec2-user/.odoo/odoo-server.log

External Resources

- **Odoo Documentation:** <https://www.odoo.com/documentation/18.0/>
- **Odoo Community:** <https://www.odoo.com/forum>
- **GitHub Docs:** <https://docs.github.com>
- **AWS EC2 Docs:** <https://docs.aws.amazon.com/ec2/>

Getting Help

1. Check relevant documentation file
 2. Search error in Odoo logs
 3. Search Odoo community forum
 4. Contact team lead
 5. Create GitHub issue
-

Contributing to Documentation

This documentation is maintained by the team. To update:

1. Edit markdown files locally
2. Test formatting (use VS Code with Markdown preview)
3. Commit changes:

```
git add "odoo AWS logs/*.md"
git commit -m "docs: update documentation"
git push
```

Documentation Standards

- Use clear, simple language
 - Include code examples
 - Keep formatting consistent
 - Update last modified date
 - Test all commands before documenting
-

Project Goals

Short Term (1-3 months)

- Set up SSL/HTTPS

- Implement automated backups
- Add monitoring/alerting
- Create custom modules

Medium Term (3-6 months)

- CI/CD pipeline
- Staging environment
- Load balancing
- Performance optimization

Long Term (6-12 months)

- Multi-region deployment
- Disaster recovery plan
- Advanced analytics
- Mobile app integration

Document Maintenance

Document	Last Updated	Next Review
README.md	2025-10-23	2025-11-23
QUICK_START_GUIDE.md	2025-10-23	2025-11-23
ODOO_GIT_WORKFLOW_DOCUMENTATION.md	2025-10-23	2025-11-23
SERVER_CREDENTIALS.md	2025-10-23	2025-11-23
DEPLOYMENT_CHECKLIST.md	2025-10-22	2025-11-22

Review schedule: Monthly or as needed

Quick Health Check

Run these commands to verify everything is working:

```
# SSH works?  
ssh -i MyTestApp-KeyPair.pem ec2-user@56.228.2.47 "echo 'SSH OK'"  
  
# Odoo running?  
ssh -i MyTestApp-KeyPair.pem ec2-user@56.228.2.47 "sudo systemctl status odoo"  
  
# Git configured?  
ssh -i MyTestApp-KeyPair.pem ec2-user@56.228.2.47 "cd /home/ec2-user/odoo18 && git status"  
  
# Web accessible?  
curl -I http://56.228.2.47:8069
```

All OK?  You're good to go!

Version History

Version 1.1 (2025-10-23)

- Migrated to private repository (API-for-odoo)
- Updated all documentation references
- Added repository migration summary
- Updated Git workflow configuration

Version 1.0 (2025-10-22)

- Initial documentation setup
- Complete Git workflow documented
- Deployment procedures established
- Quick start guide created

Need help? Start with the [QUICK START GUIDE.md](#)!

Questions? Contact @karem505 or check the relevant documentation file above.

This documentation is maintained by the Odoo development team. Last updated: October 23, 2025