

# Odoo AWS Documentation

Complete documentation for Odoo 18 development on AWS EC2

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## 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

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## 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
```

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## Project Structure

Odoo 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

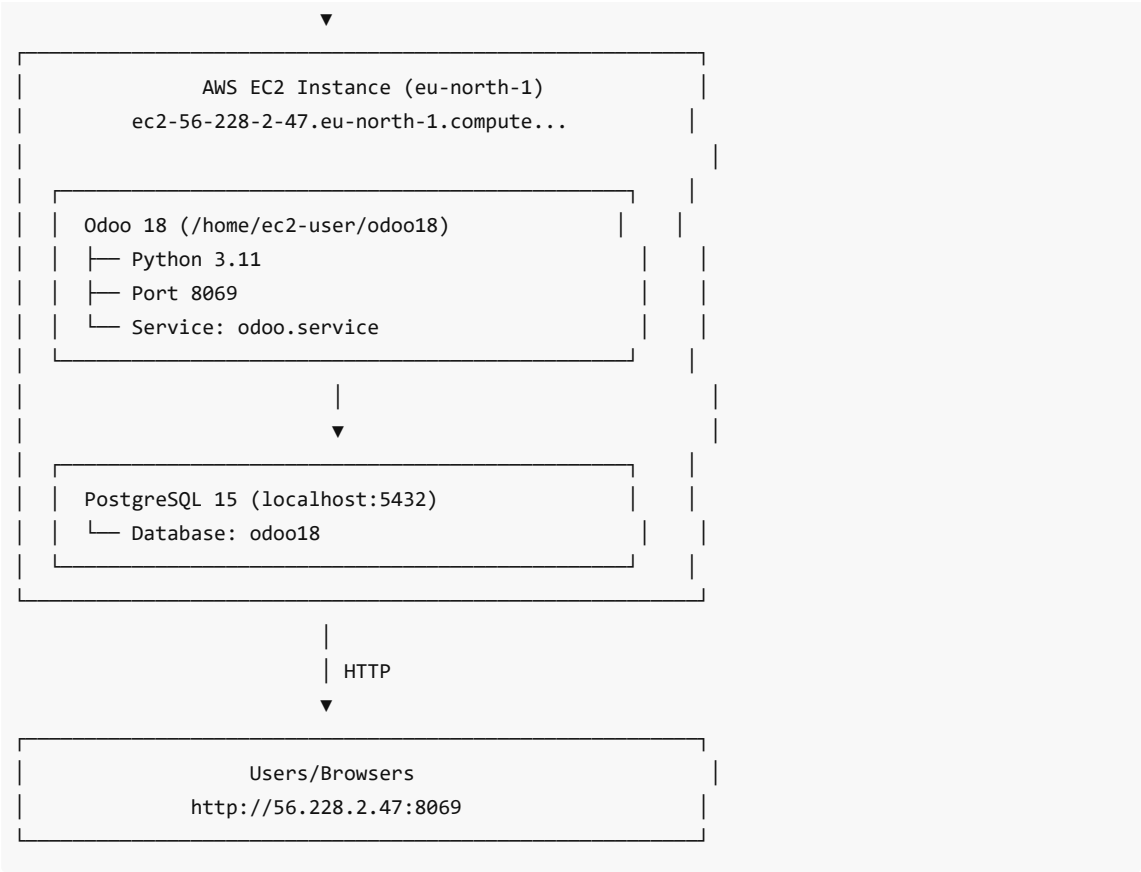
1. Review **SERVER\_CREDENTIALS.md** - Understand access control
2. Study **ODOO\_GIT\_WORKFLOW\_DOCUMENTATION.md** - Team Workflow section
3. Use **DEPLOYMENT\_CHECKLIST.md** for every deployment
4. Set up branch protection on GitHub

### For DevOps

1. **SERVER\_CREDENTIALS.md** - Infrastructure details
2. **ODOO\_GIT\_WORKFLOW\_DOCUMENTATION.md** - Deployment section
3. **DEPLOYMENT\_CHECKLIST.md** - Deployment procedures

## System Architecture







## 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

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## 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
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## 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!

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## 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

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

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

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