Odoo Technical Readiness Scorecard

Infrastructure and Technical Capability Assessment

This scorecard evaluates your technical infrastructure and capabilities for successful Odoo implementation. Each section provides specific guidance for technical preparation.

Scoring Guide

Total Possible Points: 200

- **180-200 points:** Excellent technical readiness
- **160-179 points:** Good readiness with minor gaps
- **140-159 points:** Moderate readiness requiring preparation
- **120-139 points:** Significant technical preparation needed
- **Below 120 points:** Major infrastructure investment required

Section 1: Server Infrastructure (50 Points)

Hardware Specifications

CPU and Memory Requirements

- ☐ **10 pts:** Server CPU: 4+ cores for small business, 8+ cores for medium
- ☐ **10 pts:** RAM: 8GB minimum, 16GB+ recommended for production
- ☐ **5 pts:** Storage: SSD preferred, adequate space for 3-year growth
- ☐ **5 pts:** Network: Gigabit ethernet, reliable internet connectivity

Scoring: ___/30 points

Hosting Environment

Deployment Options

- ☐ **5 pts:** Cloud hosting (AWS, Azure, Google Cloud) or reliable data center
- ☐ **5 pts:** Backup power and cooling systems in place
- ☐ **5 pts:** Load balancing capability for high availability
- ☐ **5 pts:** Geographic redundancy considered for disaster recovery

Scoring: ___/20 points

Section 1 Total: ___/50 points

Section 2: Database and Storage (40 Points)

PostgreSQL Requirements

Database Infrastructure

- ☐ **10 pts:** PostgreSQL 12+ installed and properly configured
- ☐ **8 pts:** Database server sized for expected data volume and users
- ☐ **7 pts:** Backup and recovery procedures tested and documented
- ☐ **5 pts:** Performance monitoring and optimization tools in place

Scoring: ___/30 points

Data Management

Storage and Backup

- ☐ **3 pts:** Daily automated backups with offsite storage
- ☐ **3 pts:** Point-in-time recovery capability established
- ☐ **2 pts:** Backup restoration tested within last 6 months
- ☐ **2 pts:** Data retention policies defined and implemented

Scoring: ___/10 points

Section 2 Total: ___/40 points

Section 3: Network and Security (35 Points)

Network Infrastructure

Connectivity and Performance

- ☐ **5 pts:** Bandwidth adequate for concurrent users (minimum 10 Mbps per 10 users)
- ☐ **5 pts:** Network latency under 100ms for local users
- ☐ **3 pts:** VPN access configured for remote users
- ☐ **2 pts:** Network monitoring and management tools in place

Scoring: ___/15 points

Security Framework

Access Control and Protection

- ☐ **5 pts:** Firewall properly configured with appropriate rules
- ☐ **5 pts:** SSL certificates installed and properly configured
- ☐ **3 pts:** Multi-factor authentication capability available
- ☐ **3 pts:** User access management policies and procedures
- ☐ **2 pts:** Security monitoring and incident response procedures
- ☐ **2 pts:** Regular security updates and patch management process

Scoring: ___/20 points

Section 3 Total: ___/35 points

Section 4: Integration and APIs (30 Points)

External System Integration

Integration Capability

- ☐ **8 pts:** REST API integration experience within team
- ☐ **6 pts:** Existing systems with API capabilities identified
- ☐ **4 pts:** Data synchronization requirements documented
- ☐ **3 pts:** Integration testing environment available
- ☐ **3 pts:** Error handling and monitoring for integrations planned

Scoring: ___/24 points

Third-Party Services

Service Integration

- ☐ **2 pts:** Payment gateway integration requirements defined
- ☐ **2 pts:** Email service (SMTP) configuration ready
- ☐ **2 pts:** Document management system integration planned

Scoring: ___/6 points

Section 4 Total: ___/30 points

Section 5: Technical Expertise (45 Points)

Internal IT Capabilities

System Administration

- ☐ **10 pts:** Linux/Ubuntu server administration experience
- ☐ **8 pts:** PostgreSQL database administration skills
- ☐ **6 pts:** Web server (nginx/Apache) configuration experience
- ☐ **4 pts:** Python programming or scripting capabilities
- ☐ **3 pts:** Git version control system familiarity

Scoring: ___/31 points

Development and Customization

Advanced Technical Skills

- ☐ **4 pts:** Odoo module development experience
- ☐ **3 pts:** XML/HTML/CSS modification capabilities
- ☐ **3 pts:** JavaScript programming for frontend customization
- ☐ **2 pts:** Understanding of MVC architecture patterns
- ☐ **2 pts:** Experience with development environments and testing

Scoring: ___/14 points

Section 5 Total: ___/45 points

Detailed Technical Requirements by Business Size

Small Business (1-10 users)

Minimum Requirements:

- **Server:** 4 CPU cores, 8GB RAM, 100GB SSD
- **Network:** 25 Mbps internet, basic firewall
- **Database:** PostgreSQL 12+, daily backups
- **Expertise:** Basic Linux administration or managed hosting

Recommended Setup:

- Cloud hosting (DigitalOcean, Linode) $50-100/month
- Managed PostgreSQL service
- SSL certificate and basic security hardening
- Weekly offsite backups

Medium Business (10-50 users)

Minimum Requirements:

- **Server:** 8 CPU cores, 16GB RAM, 500GB SSD
- **Network:** 100 Mbps internet, enterprise firewall
- **Database:** Dedicated PostgreSQL server, hourly backups
- **Expertise:** Experienced system administrator

Recommended Setup:

- Cloud infrastructure (AWS, Azure) $200-500/month
- Load balancer for high availability
- Monitoring and alerting systems
- Daily offsite backups with point-in-time recovery

Large Business (50+ users)

Minimum Requirements:

- **Server:** 16+ CPU cores, 32GB+ RAM, 1TB+ SSD
- **Network:** Dedicated bandwidth, redundant connections
- **Database:** High-availability PostgreSQL cluster
- **Expertise:** Full-time system administrator

Recommended Setup:

- Multi-region cloud deployment $500-2000/month
- Database clustering and replication
- Advanced monitoring and performance optimization

- Continuous backup with geo-redundancy

Technical Risk Assessment

Critical Technical Risks

Immediate Attention Required:

- ☐ No system administration expertise available internally
- ☐ Infrastructure undersized for user load and data volume
- ☐ No backup and recovery procedures in place
- ☐ Security vulnerabilities in current network setup
- ☐ Legacy systems with no API integration capabilities

Medium Technical Risks

Address Before Implementation:

- ☐ Limited database administration experience
- ☐ Backup procedures not tested for restoration
- ☐ Network performance inconsistent or unreliable
- ☐ Some integration complexity with existing systems
- ☐ Basic security measures but room for improvement

Technical Success Factors

Leverage These Strengths:

- ☐ Experienced IT team with relevant skills
- ☐ Modern, well-maintained infrastructure
- ☐ Robust backup and disaster recovery procedures
- ☐ Strong network and security foundation
- ☐ Successful history of system integrations

Infrastructure Preparation Checklist

Pre-Implementation (4-6 weeks before)

Server Setup:

- ☐ Provision and configure production server environment
- ☐ Install and optimize PostgreSQL database
- ☐ Configure web server (nginx recommended)
- ☐ Set up SSL certificates and security hardening
- ☐ Establish monitoring and alerting systems

Development Environment:

- ☐ Set up staging server mirroring production

- ☐ Configure development environment for testing
- ☐ Implement version control and deployment procedures
- ☐ Test backup and restoration procedures
- ☐ Document all configurations and procedures

During Implementation (Ongoing)

Monitoring and Maintenance:

- ☐ Monitor system performance and resource utilization
- ☐ Regular security updates and patch management
- ☐ Database maintenance and optimization
- ☐ Log monitoring and analysis
- ☐ Performance tuning based on actual usage

Post-Implementation (First 90 days)

Optimization and Scaling:

- ☐ Analyze performance metrics and optimize as needed
- ☐ Plan for scaling based on actual user load
- ☐ Fine-tune database configuration for production workload
- ☐ Implement advanced monitoring and alerting
- ☐ Document lessons learned and best practices

Infrastructure Cost Planning

Small Business Budget ($500-2000/month)

Essential Services:

- Cloud hosting: $100-300/month
- Backup services: $50-100/month
- Monitoring tools: $50-150/month
- Security services: $100-200/month
- Professional support: $200-1250/month

Medium Business Budget ($1000-5000/month)

Enhanced Infrastructure:

- Redundant cloud hosting: $300-800/month
- High-availability database: $200-500/month
- Advanced monitoring: $100-300/month
- Security and compliance: $200-500/month
- Dedicated support: $200-2900/month

Large Business Budget ($2000-10000/month)

Enterprise-Grade Setup:

- Multi-region infrastructure: $800-2000/month
- Database clustering: $500-1500/month
- Comprehensive monitoring: $200-500/month
- Enterprise security: $500-1000/month
- Premium support: $0-5000/month

Technical Readiness Action Plan

Excellent Readiness (180-200 points)

1. **Finalize Configuration:** Complete server setup and optimization
2. **Security Review:** Conduct final security audit and hardening
3. **Backup Testing:** Verify all backup and recovery procedures
4. **Performance Baseline:** Establish performance monitoring baselines
5. **Documentation:** Complete technical documentation and runbooks

Good Readiness (160-179 points)

1. **Address Gaps:** Focus on areas with lower scores
2. **Additional Training:** Enhance team skills in identified weak areas
3. **Infrastructure Upgrade:** Improve any undersized components
4. **Security Enhancement:** Strengthen security measures as needed
5. **Integration Testing:** Thoroughly test all integration points

Moderate Readiness (140-159 points)

1. **Infrastructure Investment:** Upgrade servers and network as needed
2. **Skill Development:** Invest in team training or external expertise
3. **Risk Mitigation:** Address identified technical risks
4. **Extended Timeline:** Allow additional time for technical preparation
5. **Professional Services:** Consider additional technical consulting

Low Readiness (Below 140 points)

1. **Fundamental Review:** Reassess infrastructure requirements
2. **Major Investment:** Plan significant infrastructure and training investment
3. **Managed Services:** Consider fully managed hosting solutions
4. **Implementation Delay:** Postpone implementation until ready
5. **Alternative Approaches:** Consider SaaS or simplified deployment options

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This technical scorecard is designed to identify infrastructure readiness and preparation needs for successful Odoo implementation. Use the results to plan technical preparation activities and ensure adequate infrastructure foundation.

Assessment Date: _____

Technical Lead: _____

Total Score: ___/200 points

Infrastructure Recommendation: _____

Preparation Timeline: _____