

# VMware Migration Checklist: Test Your Readiness

# Checklist to Test Your VMware Migration Readiness

This comprehensive assessment template helps you evaluate your organization's readiness for VMware migration. Score each item from 1–5.

## Scoring Guide

1 = Not Started . 2 = Initial Planning . 3 = In Progress . 4 = Nearly Complete . 5 = Fully Prepared . N/A = Not Applicable

## Phase 1: Pre-Migration Assessment

### • Infrastructure Inventory

- Document all VMware vSphere environments
- Catalog all ESXi hosts and specifications
- List all virtual machines and their configurations
- Document VMware-specific features in use (vMotion, DRS, Site Recovery Manager)
- Map vCenter Server deployments and configurations
- Inventory custom VMware tools, scripts, and automation

### • Dependencies and Integration

- Map application dependencies on VMware components
- Document vSphere-integrated applications
- Catalog monitoring tools using VMware metrics
- Document NSX and vSAN configurations if applicable

## Phase 2: Alternative Platform Evaluation

### • Technical Requirements

- VM format conversion capabilities
- High Availability features
- Live migration support
- Management and automation tools
- API compatibility
- Security features

## Platform Comparison Table

Feature Category	Current VMware Implementation	Required in New Platform	Notes
VM Format	VMDK, OVF/OVA		
High Availability	VMware vSphere HA		
Live Migration	vMotion		
Management Tools	vCenter		

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## Phase 3: Stakeholder Engagement

### • Technical Teams

- Engage SRE/DevOps/IT Infrastructure teams
- Consult Networking teams
- Brief IT Ops
- Involve security teams
- Coordinate with backup/DR teams

### • Business Teams

- Obtain CIO/CTO approval
- Secure finance team sign-off

### • Application Owners

- Brief application owners
- Engage development teams
- Coordinate with QA teams

## Phase 4: Migration Planning

### • Environment Preparation

- Set up target platform infrastructure
- Configure networking
- Establish storage systems
- Test backup solutions
- Validate security controls

### • Migration Strategy

- Define migration workloads
- Create migration schedule
- Establish rollback procedures
- Define success criteria

### • Testing and Validation

- Perform pilot migrations
- Test application functionality
- Validate performance metrics
- Verify backup and recovery
- Check security compliance
- Test automation and management tools

### • Security Requirements

- Security policies documented
- Compliance requirements mapped
- Access control requirements
- Encryption requirements
- Audit requirements
- Monitoring requirements
- Incident response procedures
- Security testing protocols

### • Compliance Documentation

- Regulatory requirements
- Internal policies
- Audit requirements
- Documentation requirements
- Reporting requirements
- Review procedures
- Sign-off processes

## Calculate Percentage for Overall Readiness

Readiness Percentage = (Score Obtained/Total Weighted Score) %

### Readiness Thresholds:

- <60%: Not Ready - Significant preparation needed
- 60-75%: Partially Ready - Address key gaps
- 75-85%: Mostly Ready - Fine-tune preparation
- 85%: Ready to Proceed

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