

# Migrating Your Systems to Linux

## Assessment and Planning

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- Define project goals and objectives
- Assess current IT infrastructure and identify areas for improvement
- Determine project scope and timeline
- Identify key stakeholders and establish a communication plan
- Determine your budget for the migration

## Infrastructure Design

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- Determine hardware and software requirements
- Develop network and storage architecture
- Define security requirements and protocols
- Establish backup and disaster recovery plan
- Make sure the new infrastructure is scalable

## Linux Distribution Selection

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- Evaluate Linux distributions and select the most suitable one for your organization
- Develop a plan for installing and configuring the selected Linux distribution
- Ensure compatibility with existing hardware and software

## Application Migration

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- Identify applications that need to be migrated to the new Linux environment
- Create a test environment to test compatibility
- Develop a plan for migrating each application
- Configure the applications to work with the new Linux environment.
- Ensure that each application is functioning correctly after migration

## Data Migration

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- Identify what data needs to be migrated
- Determine data migration requirements
- Develop a plan for migrating data to the new Linux environment
- Do a backup of the data
- Transfer the data
- Verify data integrity after migration
- Restore the data to the new Linux environment
- Test the data to ensure it's accessible and functioning

## Testing and Validation

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- Develop a testing plan
- Perform system testing, application testing, and user acceptance testing
- Verify that the new Linux environment meets the organization's requirements
- Document the testing and validation process

## Deployment

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- Develop a rollout plan
- Communicate the deployment plan to end-users and stakeholders
- Create backup of production environment
- Deploy the new Linux environment to the production environment
- Monitor closely for any issues

## Training and Support

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- Develop a training plan for end-users
- Develop a support plan for end-users and IT staff
- Transfer knowledge to the IT team to ensure ongoing support for the new Linux environment

Completing this worksheet ensures you have a comprehensive migration plan to a Linux environment while minimizing downtime and maximizing productivity.

