Dell Software

Lyckad migrering till Windows Server 2012

Peter Walsten

#DellST14

Scenarios

Uppgrade or replace existing servers

Move to a new environment

Consolidate forests

Upgrade Active Directory

Dell helps you with these scenarios with the ZeroIMPACT Migration Methodology.

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Top five mistakes organizations make during a migration

1 Insufficient planning and assessment

2 Underestimating user & organizational impact

3 Inconsistent or absence of a coexistence strategy

4 Inadequate data protection

5 Failure to optimize the new environment

Establish a Windows Server 2012 environment that will:

- Support growth
- Deliver flexibility
- Enable security
- Ensure compliance

Dell helps you avoid these mishaps with the ZeroIMPACT Migration Methodology.

Dell Software ZeroIMPACT Migrations – 4 Core Pillars

Prepare

Understand your existing environment

- Review pre-migration assessments to analyze the current state
- Decide what should and should not be migrated
- Identify applications dependent on Active Directory prior to the transition

Proper Planning ✔

Migrate

Avoid user disruption & reduce risk

- Migrate, consolidate and restructure Active Directory and file server data
- Manage and report on project status
- Perform migration tasks during working hours or schedule tasks for off hours

Successful Migration ✔

Coexist

Maintain business productivity

- Ensure interoperability between migrated and not-yet-migrated Active Directory users
- Synchronize directories
- Preserve permissions, security and access points to the network and resources

Seamless Coexistence ✔

Manage

Reduce total cost of ownership & IT burden

- Enhance management, problem detection, diagnostic and resolution capabilities
- Implement an Active Directory disaster recovery solution
- Ensure compliance with security and change management

Comprehensive Management ✔

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Prepare for Windows Server 2012 with Dell Software

Comprehensive Assessments

- Assess your existing environment

- Report on the number and status of AD accounts

- Clean-up prior to migration

Compatibility Testing

- Perform testing and report on which applications are compatible and which are not

- Remediate various problems that might be found

Queries Discovery

- Discover AD-based and LDAP queries

- Learn which applications are talking to domain controllers

- Fix or redirect applications

Data Virtualization

- Integrate new applications into existing infrastructure without alterations

- Enable applications to still function after the migration

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Migrate, consolidate, & restructure with Dell Software

ZeroIMPACT is key to a successful Windows Server 2012 transition.

Active Directory
Facilitate your move from Windows Server 2003 to Server 2012, and restructure your AD as you migrate. Experience seamless coexistence so users maintain proper access to network resources.

Windows Server data
Migrate data from Windows Server 2003 file servers to Windows Server 2012 R2, restructuring if desired. Utilize robust reporting tools and maintain security and access points during the move.
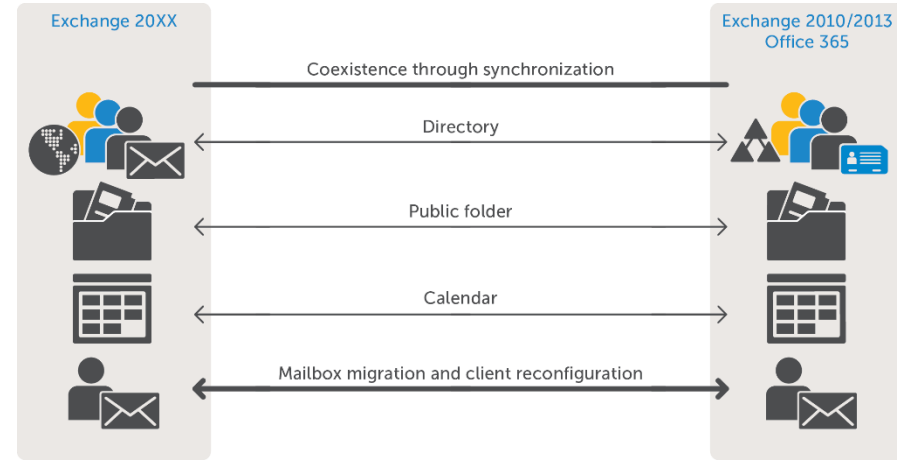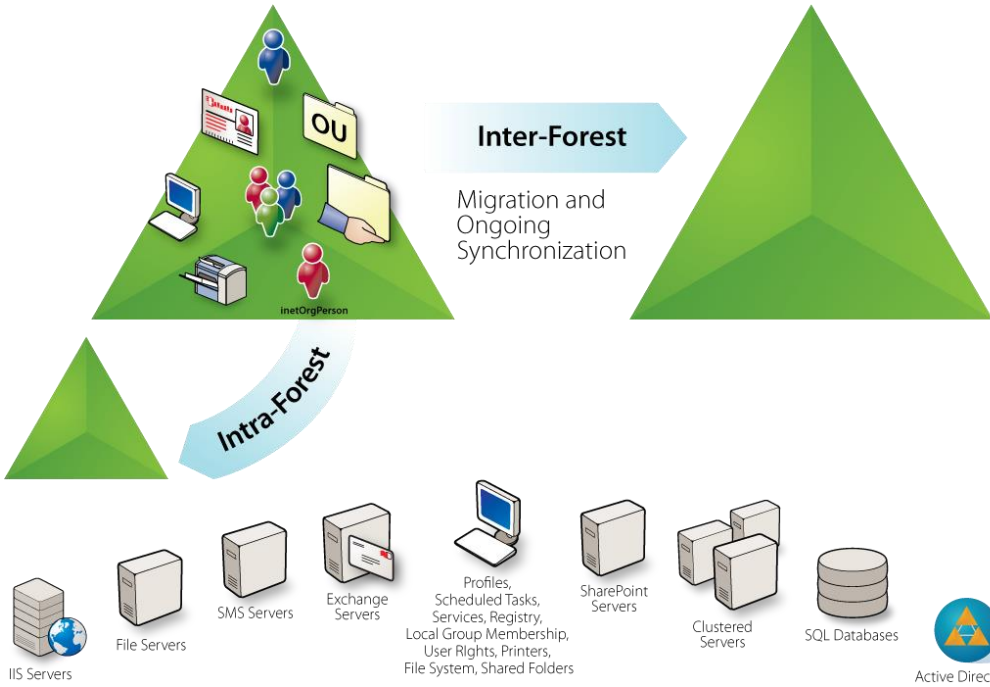
Transition to Cloud
Transition from Exchange, Notes and Groupwise to Office 365 quickly. Rich coexistence between Cloud and Onpremise environments to reduce risk.

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Migration Manager – Full Coexistence – Synchronisation

Inter-Forest

Migration and Ongoing Synchronization

Intra-Forest

inetOrgPerson

OU

Exchange 20XX

Exchange 2010/2013 Office 365

Coexistence through synchronization

Directory

Public folder

Calendar

Mailbox migration and client reconfiguration

IIS Servers

File Servers

SMS Servers

Exchange Servers

Profiles, Scheduled Tasks, Services, Registry, Local Group Membership, User Rights, Printers, File System, Shared Folders

SharePoint Servers

Clustered Servers

SQL Databases

Active Directory

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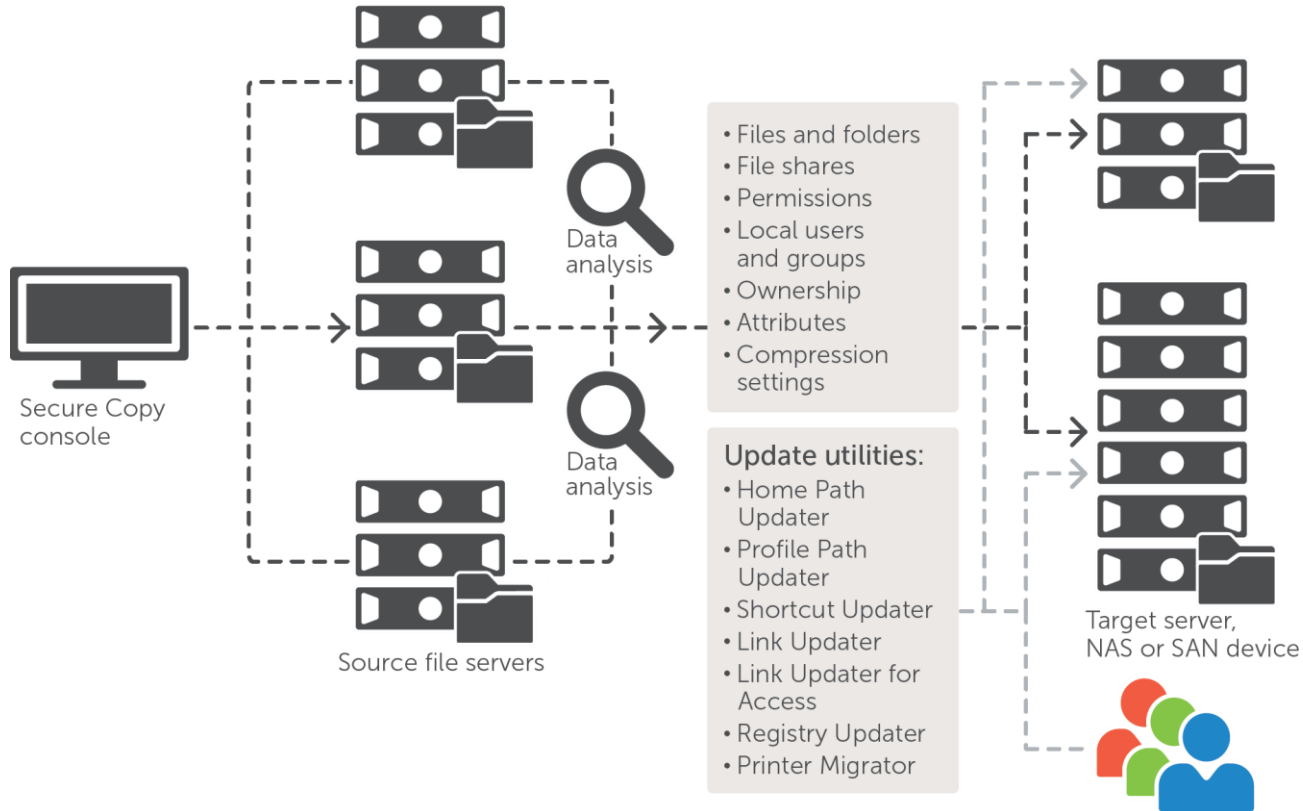
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Secure Copy

Secure Copy console

Source file servers

Data analysis

Data analysis

- Files and folders
- File shares
- Permissions
- Local users and groups
- Ownership
- Attributes
- Compression settings

Update utilities:
- Home Path Updater
- Profile Path Updater
- Shortcut Updater
- Link Updater
- Link Updater for Access
- Registry Updater
- Printer Migrator

Target server, NAS or SAN device

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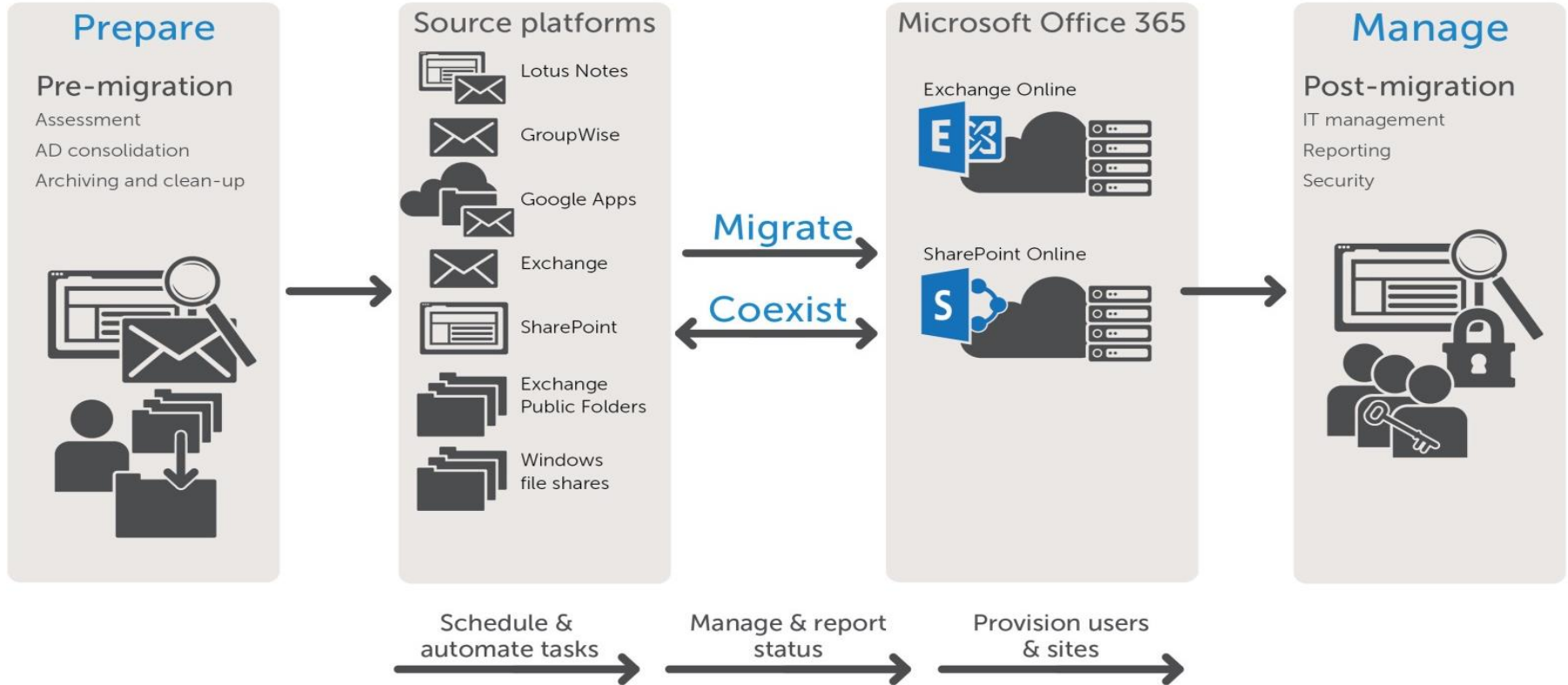

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Make the transition to Office 365 with Dell Software

Prepare

Pre-migration
Assessment
AD consolidation
Archiving and clean-up

Source platforms
- Lotus Notes
- GroupWise
- Google Apps
- Exchange
- SharePoint
- Exchange Public Folders
- Windows file shares

Migrate

Coexist

Microsoft Office 365

Exchange Online

SharePoint Online

Manage

Post-migration
IT management
Reporting
Security

Schedule & automate tasks

Manage & report status

Provision users & sites

Management with Dell Software

Management

- Monitor AD health with a graphical dashboard and utilize detection, diagnostics and resolution capabilities.
- Automate Group Policy management.
- Access your AD management applications from a mobile device.
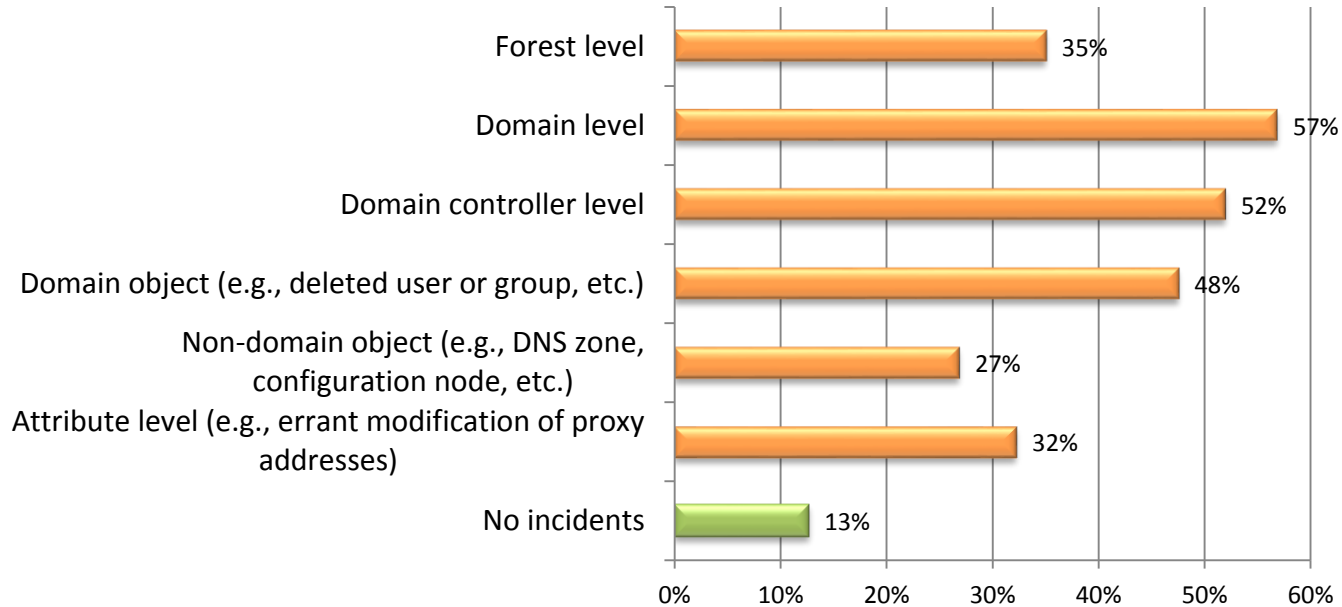
Security

- Prevent users from making changes in AD to preserve important settings.
- Know exactly what has been changed in AD and know how to respond.
- Manage DAC with the ability to add, remove, modify, back-up, restore, copy and paste permissions.

Recovery

- Recover individual items that have been accidentally or incorrectly changed or deleted.
- Recover a domain or an entire forest if it gets lost or corrupted by a catastrophic event.
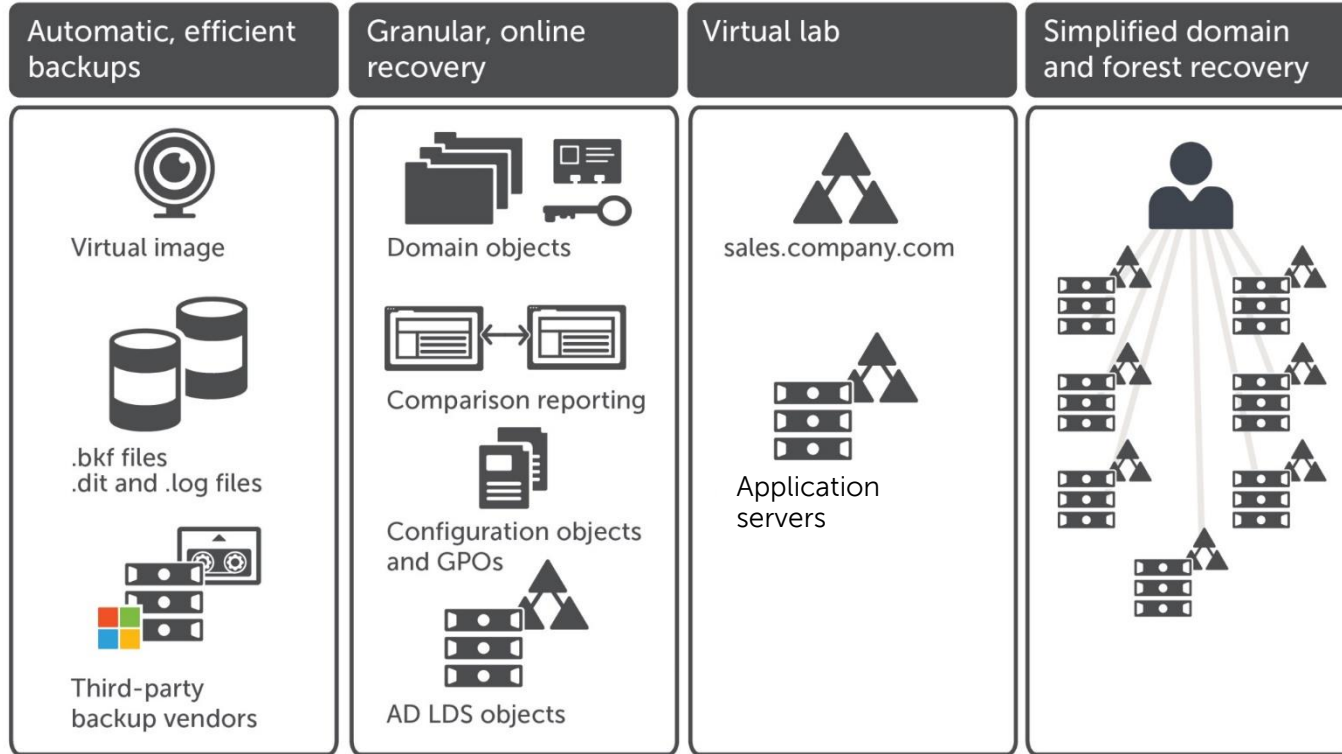
Compliance

- Control access through delegation using a least privilege model and automation.
- Collect, manage and compare event log data in auditable reports.
- Automate report delivery and alerts.

Management
Security
Recovery
Compliance

87% have had incidents or disasters with AD

At what level have you had incidents or disasters within your Active Directory infrastructure? *Choose all that apply.*

Level	Percentage
Forest level	35%
Domain level	57%
Domain controller level	52%
Domain object (e.g., deleted user or group, etc.)	48%
Non-domain object (e.g., DNS zone, configuration node, etc.)	27%
Attribute level (e.g., errant modification of proxy addresses)	32%
No incidents	13%

dimensional research

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Recovery Manager Forest Edition

Automatic, efficient backups	Granular, online recovery	Virtual lab	Simplified domain and forest recovery
Virtual image	Domain objects	sales.company.com	
.bkf files .dit and .log files	Comparison reporting	Application servers	
Third-party backup vendors	Configuration objects and GPOs		
	AD LDS objects		

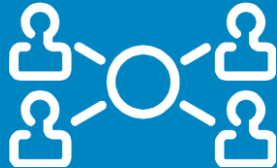# Dell Software's unique differentiators

Ensure a successful transition to Windows Server 2012

End-to-End

Portfolio spans multiple aspects of your Windows Server 2012 transition – Prepare, Migrate, Coexist, and Manage

ZeroIMPACT

Maintain coexistence so all users remain productive and have continued access to resources throughout the project

Single Vendor

Get both software and hardware solutions to cover your entire Windows Server 2012 transition

Support

Take advantage of world-class services, unlimited support and a highly-skilled partner community

Success & Leadership

40+ Million

Mailboxes migrated to Microsoft Exchange

Exchange

50+ Million

Active Directory accounts migrated

Windows Server

2 Time

Microsoft ISV Partner of the Year

Microsoft

600+ TB

Data migrated to SharePoint

SharePoint

86+ Million

Active Directory accounts under management

Windows Server

35+ Million

Exchange Mailboxes under management

Exchange

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Thank you