EaseUS® Todo Backup

Reliable Backup & Recovery Solution
Part 1

Overview
Introduction

EaseUS Todo Backup Solution offers reliable backup and disaster recovery solutions for business users. When system failure brings about data loss troubles, such as system crash, virus attach, hardware damage, or other data corruption, you can restore your system and data in minutes.

Documentation Goal

This guide is intended to address many of the integration issues you may encounter when you use EaseUS backup and disaster software, add to provide suggestions for the best solution. Within this document, EaseUS guides you to find the appropriate documentation when necessary.

Key features

- Customize comprehensive backup plans and strategies to realize automatic system and data backup, such as encryption, compression, split, incremental backup, differential backup, email notification, etc.
- Back up all Windows OS, applications and data to hardware, including hard disk, CD/DVD, FTP, tape, SAN, NAS, etc.
- Restore system to dissimilar hardware for simplifying system migration or hard disk upgrade.
- One-click backup, clone, system snapshot to protect your data more convenient.

Benefits

EaseUS Todo Backup offers entire solution for business central management to ensure business continuity and reduce maintenance costs with an easier business data backup process.
Product Preview

![Diagram of EaseUS Todo Backup solution]

- Data sources:
  - Run strategies automatically
  - Run tasks manually
  - EaseUS Todo Backup

- Storage options:
  - NAS
  - SAN
  - LAN
  - FTP
  - Removable Storage
  - Hard Disk
  - Tape
  - CD/DVD
Part 2

Key Function Introduction
1. System Backup & Recovery
<table>
<thead>
<tr>
<th>Recommended Solution</th>
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<tbody>
<tr>
<td>EaseUS Todo Backup can full back up operating system, and when system problem happens unexpectedly, EaseUS Todo Backup can restore the system image files to the computer.</td>
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<table>
<thead>
<tr>
<th>Recommended Scenario</th>
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<tbody>
<tr>
<td>1. Install EaseUS Todo Backup on the computer.</td>
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<tr>
<td>2. Choose <em>System backup</em> function to back up operating system to the selected storage media.</td>
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<tr>
<td>3. When system problem happens, choose <em>System restore</em> function to restore the system image file to the computer.</td>
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</table>
2. Schedule Backup

Plan 1: Back up OS at 10 o'clock each Monday
Plan 2: Incremental Exchange Server backup each Tuesday
Plan 3: ...

All Kinds Of Storage
**Recommended Solution**

Users can set periodic backup plan via selecting the backup content, backup cycle and backup destination. EaseUS Todo Backup can realize automatic data backup and image management which greatly saves administrators’ time and cost.

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**Recommended Scenario**

1. Install EaseUS Todo Backup on local computer.
2. Make network environment available, and then connect data source and backup storage device via local area network (LAN) to the computer with EaseUS Todo Backup installed.
3. The administrator designs a reasonable backup plan by editing the local or remote backup list, and saves to the computer with EaseUS Todo Backup installed.
4. EaseUS Todo Backup does period backup based on the backup plan, and manages the image basically.

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**Elements**

1. Administrator: The one in charge of computer management and plan settings.
2. Console manager: The administrator manages plans with it.
3. Backup Plan: The list that will be executed periodically.
4. Agent: Analyze backup plan and execute it as setting.
3. Network Backup
Recommended Scenario

In order to ensure the business continuity, enterprises need to centrally back up the data to the storage space on the network. EaseUS Todo Backup can migrate the data to remote FTP, NAS, data files server on local network, etc. This brings advantages like more storage space, central data management, extra data security control, convenient data transfer, etc.

Elements

1. Central storage: The place to store enterprise data, such as NAS and file server.
2. EaseUS Todo Backup: The executor of backup and recovery.
4. Centralized Management
### Recommended Solution

With EaseUS Todo Backup Central Management Console, Administrators can operate batched management for all computers with EaseUS Todo Backup installed in a LAN or separately manage pointed computers, such as disk/partition/file backup, creation, deletion, modification and single plan view.

### Recommended Scenario

1. The administrator installs EaseUS Todo Backup to all required computers in a LAN.
2. The administrator installs EaseUS Todo Backup Central Management Console to one computer in the LAN.
3. Through EaseUS Todo Backup Central Management Console, administrator can check all the computers installed EaseUS Todo Backup in the LAN.
4. The administrator uses EaseUS Todo Backup Central Management Console to create some backup strategies, and deploy to specified computers.
5. EaseUS Todo Backup will execute deployed strategies when they receive relevant commands.

### Elements

1. Administrator: The one who needs to periodically back up computers in a LAN.
2. Central management terminal: Any computer in the LAN with EaseUS Todo Backup Central Management Console installed. It can check all the computers installed EaseUS Todo Backup and all the backup plans.
3. Computers: It can be any workstation or server, which is used to receive the backup plan from remote control console and execute relevant operations.
5. Remote Backup
### Recommended Solution

By means of remote console manager, the administrator can manage any computer (server, workstation or laptop in a LAN with EaseUS Todo Backup installed, for disk/partition backup & recovery, system backup & recovery, file backup & recovery, Exchange backup & recovery, snapshot, etc.

### Elements

1. Administrator: The one with the requirements to create backup & restore operations to specified computer on LAN.
2. Remote console manager: It can be any computer in a LAN with EaseUS Todo Backup Remote Console Management installed, and this console manager can deploy remote backup & restore operations to any company in the LAN with EaseUS Todo Backup installed.
3. Computer: It can be workstations or servers, and used to receive and handle remote operations from the administrator.
6. System Migration
### Recommended Solution

The administrator backs up one operating system to system image, and use EaseUS Todo Backup emergency disk (CD, DVD or USB device) to restore the image to a new hardware with the function of *Recover to dissimilar hardware*.

### Elements

1. The user gets a new computer (server, laptop or notebook).
2. The original computer has been installed EaseUS Todo Backup.
3. Choose *System backup* function, back up the operating system on the original computer to image file.
4. Create EaseUS Todo Backup Emergency disk, both CD/DVD and USB device supported.
5. Boot the new computer from emergency disk.
6. Choose *Recover to dissimilar hardware*, recover the previous system image to new machine, and finish system migration.
7. Exchange Server Backup & Recovery
**Recommended Solution**


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| Note: Exchange 2007 clustered environment supported  
1. Install EaseUS Todo Backup on all servers in Exchange clustered environment.  
2. The activated servers in Exchange clustered environment can be recognized to be available for automatic backup & recovery, and Exchange backup & recovery on the alternative server will be disabled by EaseUS Todo Backup.  
3. The alternative server will be activated when the original activated server was down, and Exchange backup & recovery on the original server would be activated automatically.  
4. After recovery, EaseUS Todo Backup will automatically update the copy status or prompt the administrator to update based on cluster copy service, which can ensure the data synchronization in clustered environment. |

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2. EaseUS Todo Backup Agent: The executer of backup task/plan. |
8. SQL Server Backup & Recovery
**Recommended Solution**

Using the SQL Server *backup & restore* function provided by EaseUS Todo Backup, the administrator can back up and restore the data of SQL Server, and what’s more, it can execute schedule to back up the running SQL Server.

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**Recommended Scenario**

1. Install EaseUS Todo Backup to the computer with the management ability of Microsoft ® SQL Server and enough space to save the backup data.
2. The administrator creates backup schedule to back up SQL Server with EaseUS Todo Backup.
9. D2D2t Backup

EaseUS Todo Backup

Tape storage

Disk storage
The administrator uses EaseUS Todo Backup to back up archive data to the tape, or simultaneously back up to both disk and tape. If latter, EaseUS Todo Backup will back up the data to the disk firstly, and then copy the image to the tape.

**Recommended Scenario**

1. Install EaseUS Todo Backup to the computer which needs backup.
2. Set backup task/plan, and save the backup image file to specified disk/tape.
3. EaseUS Todo Backup executes the predefined backup task/plan.
The End