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# How To Create an Effective Disaster Recovery Plan

Every business faces the risk of a ransomware attack.

Unfortunately, those attacks continue to be more sophisticated as technology advances.

It is much more cost-effective and efficient to have replication and cloud backup services than paying a ransom and working to decrypt attacked files.

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In the event of a data breach, ransomware attack, or natural disaster that damages your network, a disaster recovery plan will help your business quickly and easily recover from the loss.

A backup and data recovery plan is an essential risk mitigation strategy for business continuity – one that can be very costly if ignored.

[Our professionals at The ITeam](#) have created an extensive article on how to create an effective disaster recovery plan. In this article, you will find:

1. [What is an IT Disaster Recovery Plan?](#)
2. [Why Should My Business Have a Disaster Recovery Plan?](#)

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## [Recovery Plan](#)

### 5. [What Should Be Included in a Disaster Recovery Plan?](#)

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## What is an IT Disaster Recovery Plan?

For businesses, [an IT disaster recovery \(DR\)](#) plan is an **action plan** that can be

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to operate your business from its normal location or use your network, an effective disaster recovery plan will let you continue to meet your customers' needs.

Why Should My Business Have a Disaster Recovery Plan?

It's a matter of when, not if your business will experience some kind of natural catastrophe or cybersecurity breach.

***Your business continuity depends on having a disaster recovery plan.***

Offsite backup and data recovery are critical to all businesses, no matter their size.

A plan should be created before any disaster occurs.

In any of the following scenarios, having an IT disaster recovery plan gives you the ability to continue operating.

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city that makes travelling to your business impossible

- You must operate from an alternate location due to an **unanticipated emergency**
- Your network is compromised by **malware, ransomware, or direct attacks**

**A disaster recovery plan allows your business to:**

Continue operating even when your building is inaccessible

Minimize downtime

Protect your customers

Continue communicating with customers, vendors, and employees

Prevent the need for paying ransomware should you be a

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Improve customer service

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## Backup and Replication

An [important part of BCDR](#) is replicating applications and servers along with the data.

At The ITeam, we use [Veeam](#) to deliver advanced image-based replication and secure your data in any disaster.

Veeam is a cloud data management software that provides data backup and recovery, data protection, data security, and data management.

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Including image-based VM replication in your disaster recovery plan can help avoid data loss and improve your recovery time for all applications and data, minimizing the impact on your infrastructure.

By employing a comprehensive disaster recovery plan, you will have access to the information your business needs to remain in operation, even if your facility is inaccessible or destroyed.

In case of disaster strikes, having cloud-based replication as part of your DR plan can be a great safety net.

It can provide:

- A **copy of your virtual machine** (VM) in a ready-to-start state, so if a VM goes down, you can immediately fail over to a standby VM
- **Enhanced availability** for any virtualized application

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- **No impact on the production environment**, performing replication from backup files

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## Create a Disaster Recovery in 5 Simple Steps

Your disaster recovery plan should integrate with your business in a way that prevents downtime from disrupting your business continuity, identifying:

### DATA

What data you need to remain operational

### LOCATION

The locations from which you would operate if



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## COMMUNICATION PLAN

Information on how you would communicate with your team during an emergency

## RESPONSE STEPS

Specific response steps in case of a data breach or ransomware attack

What Should Be Included in a Disaster Recovery Plan?

Your plan should include secure, cloud-based disaster recovery as well as offsite data backups.

It should also include a plan for where employees will meet, how you will

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1. Identify Critical Operations
2. Evaluate Disaster Scenarios
3. Create a Communication Plan
4. Develop a Data Backup and Recovery Plan
5. Test Your Plan