



# **PROJECT**

## **DISASTER RECOVERY WITH IBM CLOUD VIRTUAL SERVERS**

# ABOUT US

## Problem:



Safeguard business operations with IBM Cloud Virtual Servers. Create a disaster recovery plan for an on-premises virtual machine, ensuring continuity in unforeseen events. Test and validate the recovery process to guarantee minimal downtime. Become the guardian of business continuity, securing the future of your organization!

## Solution:



Creating a Project That's Resolve the Disaster And recover that Situation Easily . Create a disaster recovery plan for an on-premises virtual machine



# PROBLEMS AND RESOLVING

## Problem Statement

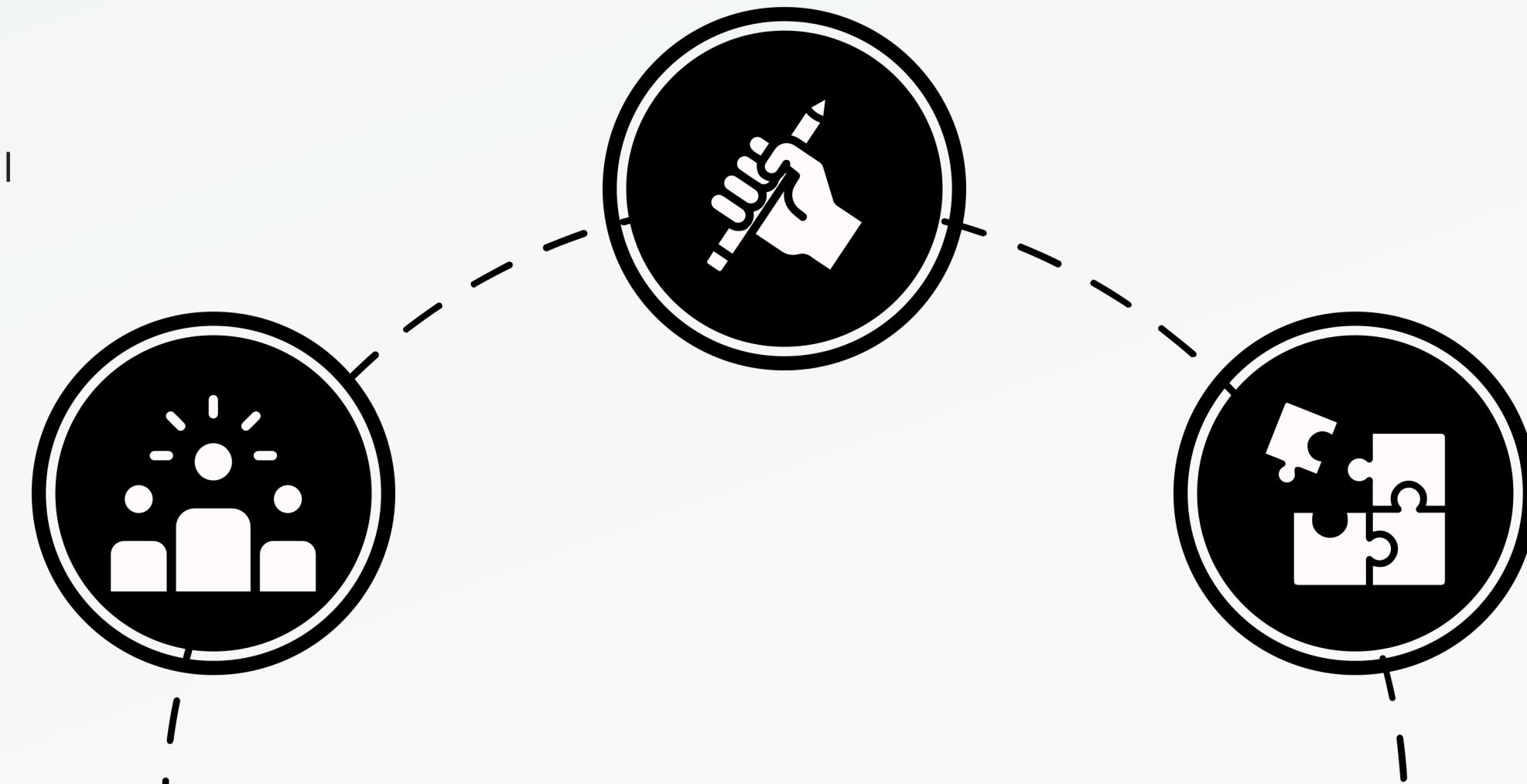
- Safeguard business operations with IBM Cloud Virtual Servers.
- Test and validate the recovery process to guarantee minimal downtime.

## Solution Solution

Create a disaster recovery plan for an on-premises virtual machine.  
Ensure continuity in unforeseen events.

## Functions Automation

- Create a disaster recovery plan for an on-premises virtual machine.
- Ensure continuity in unforeseen events.



# AGENDA

01

INTRODUCTION

02

WHY  
DISASTER  
RECOVERY  
IS CRUCIAL

03

IBM CLOUD  
VIRTUAL  
SERVERS  
OVERVIEWN:

04

STEPS TO  
CREATE A  
DISASTER  
RECOVERY  
PLAN

05

TESTING  
AND  
VALIDATION

06

CONCLUSION

# WHY DISASTER RECOVERY IS CRUCIAL

**01**

IMPORTANCE OF DISASTER  
RECOVERY

**02**

COST OF DOWNTIME

**03**

REGULATORY COMPLIANCE

**04**

BUSINESS REPUTATION

# IBM CLOUD VIRTUAL SERVERS OVERVIEW

## ● What are IBM Cloud Virtual Servers?

- Key Features and Benefits
- Scalability and Flexibility
- Geographical Redundancy



# STEPS TO CREATE A DISASTER RECOVERY PLAN

01

## Assessment

- Identify critical on-premises virtual machines.
- Determine Recovery Time Objective (RTO) and Recovery Point Objective (RPO).

02

## Select IBM Cloud Virtual Servers

- Choose the appropriate virtual server configurations.
- Ensure compatibility with your on-premises VMs.

03

## Data Replication

- Establish data replication mechanisms.
- Synchronize data between on-premises and IBM Cloud

04

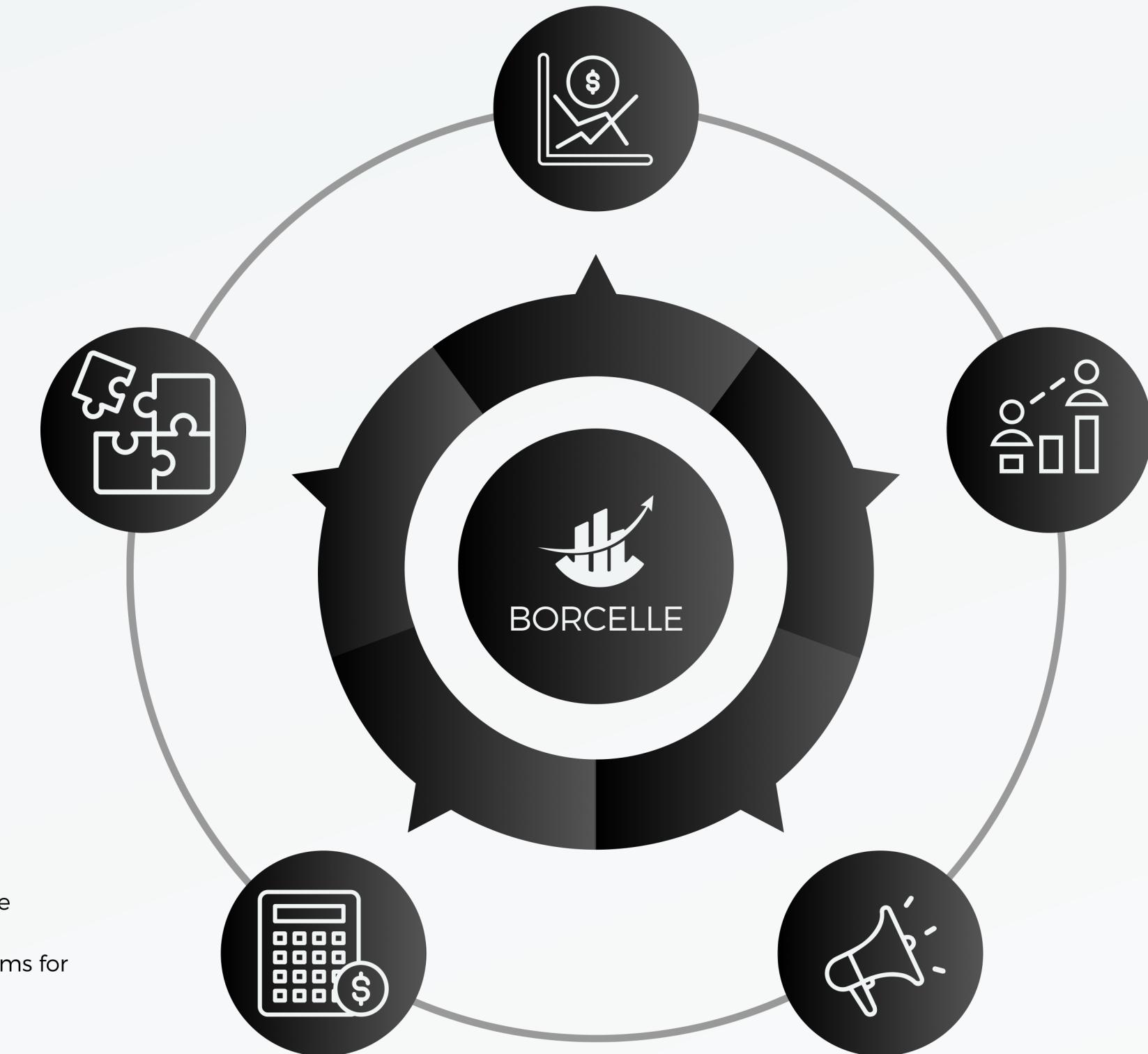
## Failover Strategy

- Define a failover strategy.
- Specify the conditions triggering a failover.

05

## Monitoring and Alerting

- Implement real-time monitoring.
- Set up alerting mechanisms for potential issues.



# IBM CSTEPS TO CREATE A DISASTER RECOVERY PLANLOUD VIRTUAL SERVERS OVERVIEW



- Importance of Testing
- Types of Testing
  - Partial Failover
  - Full Failover
- Scheduled Testing
- Documentation and Reporting

**TESTING AND VALIDATION1**



- Recap of Key Points
- Benefits of Disaster Recovery with IBM Cloud Virtual Servers
- Ensure business continuity
- Minimize downtime and data loss
- Protect your organization's future

**CONCLUSION**

# **THANK'S FOR WATCHING**

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