



Dynamics 365: Business Continuity and Disaster Recovery

Managed Availability Overview - Built-In - Self Service

Contributors and Presenters:

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- Steven Koppens, Senior Program Manager
- Edgar Perez, Senior Program Manager
- Edison Lai, Senior Program Manager



Agenda

1. **BCDR 101**
2. Built-In Disaster Recovery with Azure Availability Zones
3. Self-Service Disaster Recovery Feature + Presentation
4. Self-Service Disaster Recovery Roadmap

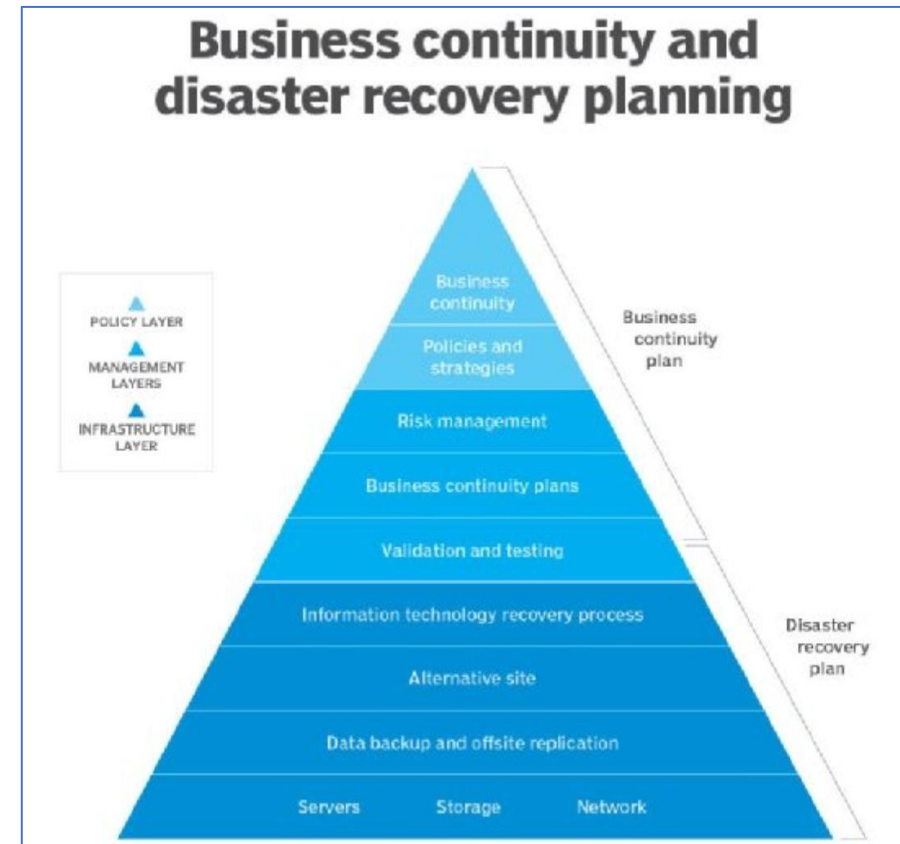
Business Continuity and Disaster Recovery

BCDR (Business Continuity and Disaster Recovery) ensures that an organization can maintain operations during disruptions and recover quickly from disasters.

Business continuity focuses on keeping **essential functions running**; **Disaster recovery** restores IT systems and data after an incident.

Together, they minimize downtime, protect assets, and ensure resilience against cyberattacks, natural disasters, or system failures.

The "why" of BCDR potentially has many answers, and the "when" of business continuity and disaster recovery is similarly nuanced. Organizations must weigh several factors before declaring a disaster and triggering the BCDR plan. Chief among those is the expected duration of an outage, its effects on the organization, the financial cost of activating the BCDR plan and the plan's potential to cause disruption itself. Paradoxically, the process of failing over from an organization's primary place of business to a backup facility - and then failing back after an event -- might significantly interrupt operations, noted Paul Thomann, regional



What Disasters is BCDR Designed For?



Examples of what Dynamics 365 BCDR covers:

- Natural Disasters
- Infrastructure Failures
- Power Outages
- System Failures



Examples of what Dynamics 365 BCDR doesn't cover:

- Cybersecurity Threats
- Human Errors
- Supply Chain Disruptions

BCDR Concepts:

| Term | Definition | Applicable To |
|---------------------------------------|--|------------------------|
| Recovery Point Objective (RPO) | The largest potential data loss It is measured in time not volume (“x minutes of data”) | Built-In |
| Recovery Time Objective (RTO) | The longest potential downtime | Built-In |
| Replication Lag | Delay between when data is written to the primary system and when it is replicated to a secondary or backup location | Premium / Self-Service |



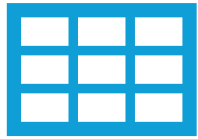
[Disaster recovery overview for Microsoft Azure products and services | Microsoft Learn](#)

Please note!

[1] RTO / RPO references within this presentation are specific to Dynamics 365 offering.

[2] Each organization may have different RTO / RPO due to factors such as customizations, 3rd-party applications, etc.

BCDR Concepts: Country | GEO | Region



Country

Chosen by customer

Selected when tenant is first created during sign up; maps provisioned environment to a geography which can be go-local, multi-country or sovereign



Geography [GEO]

A grouping that defines data residency boundaries

- GEOs are used for compliance, regulatory, and data sovereignty reasons
- Choosing the right Geo ensures compliance with regulations (e.g., GDPR in the EU)
- **Examples:** United States, Europe, Japan



Region

More precise physical location (within a GEO)

- Regions define specific Azure data centers where workloads are hosted
- Choosing the right Region ensures compliance with regulations (e.g., GDPR in the EU)
- **Examples** (not a comprehensive list!):

GEO: United States / Regions: East US, West US

GEO: Europe / Regions: North Europe, West Europe

GEO: Japan / Regions: Japan East, Japan West

BCDR Concepts: GEO

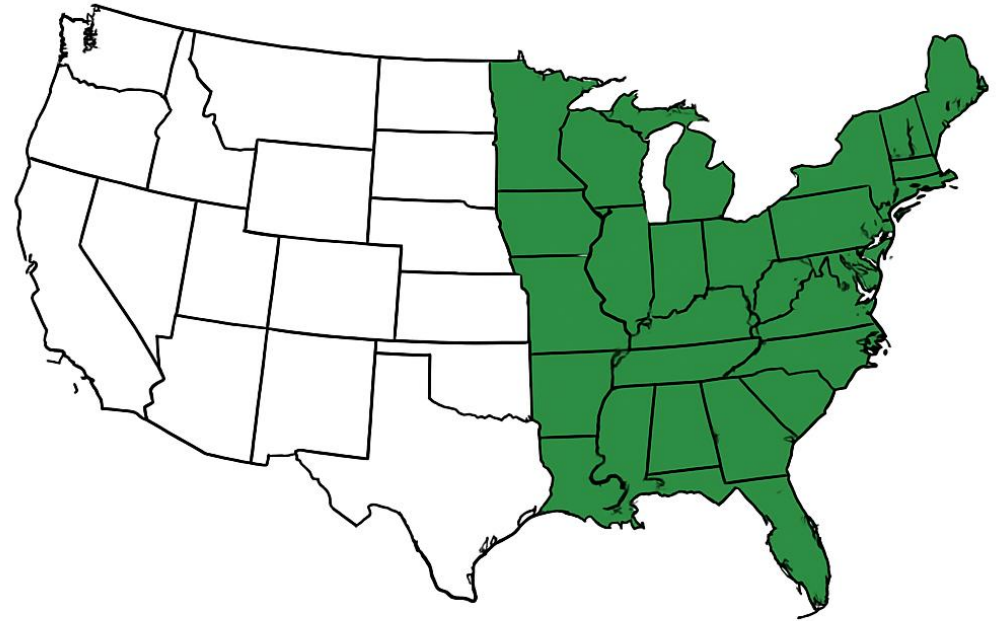


BCDR Concepts: Region

GEO = United States



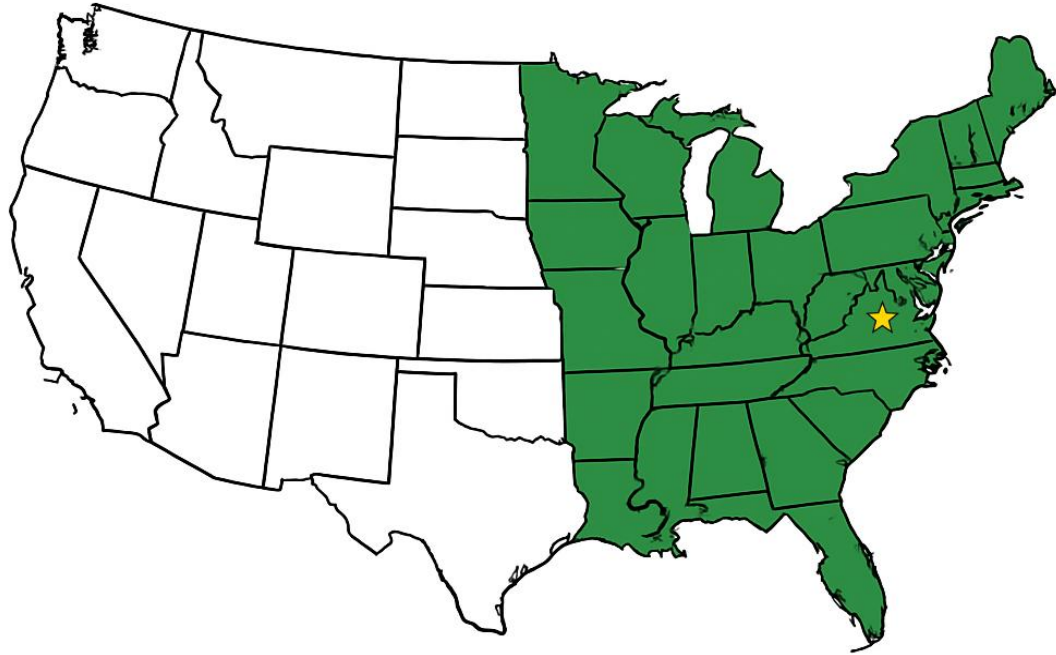
Region = East US



Please note! States are not automatically assigned to a region based on location; this is high level representation of which Customers may likely choose US East

BCDR Concepts: Availability Zones

Region = East US



Availability Zones



Please note! Availability zones are far enough apart to reduce the likelihood of an outage affecting more than one zone, but close enough to have low-latency connections to other availability zones. The distance between availability zones is typically 60 miles, or 100 kilometers.

Agenda

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- 2. Built-In Disaster Recovery with Azure Availability Zones**
3. Self-Service Disaster Recovery Feature + Presentation
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Dynamics 365 Resiliency: Built-In (Default)

Redundancy Type

Within-Datacenter

Mitigates

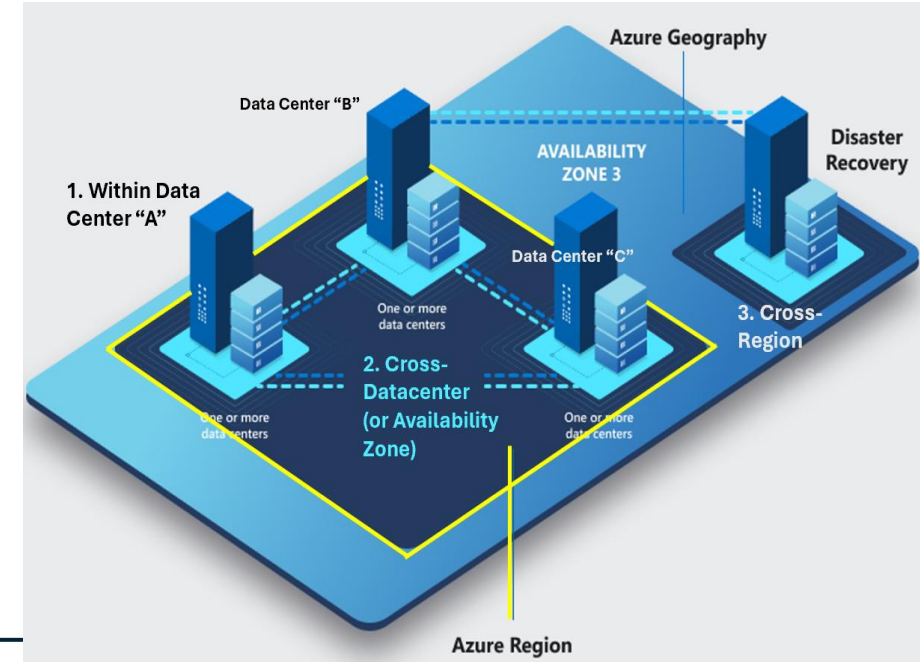
Failures Within Datacenters
Examples: rack failures

**Cross-Datacenter
(or Availability Zone)**

Failures of a Single Datacenter
Examples: power/cooling/networking

Cross-Region

Failures of all Datacenters in a Region
Examples: earthquakes



Dynamics 365 Resiliency: Built-In (Default)



Built-In Disaster Recovery:
Resiliency within a Region



Data Replication Method:
Synchronous



Examples:

GEO: United States

Region: East US

Availability Zone/Data Center

Location: East US (Virginia)

GEO: Europe

Region: North Europe

Availability Zone/Data Center

Location: West Europe (Netherlands)



Please note!

Applicable for production;
not for sandboxes

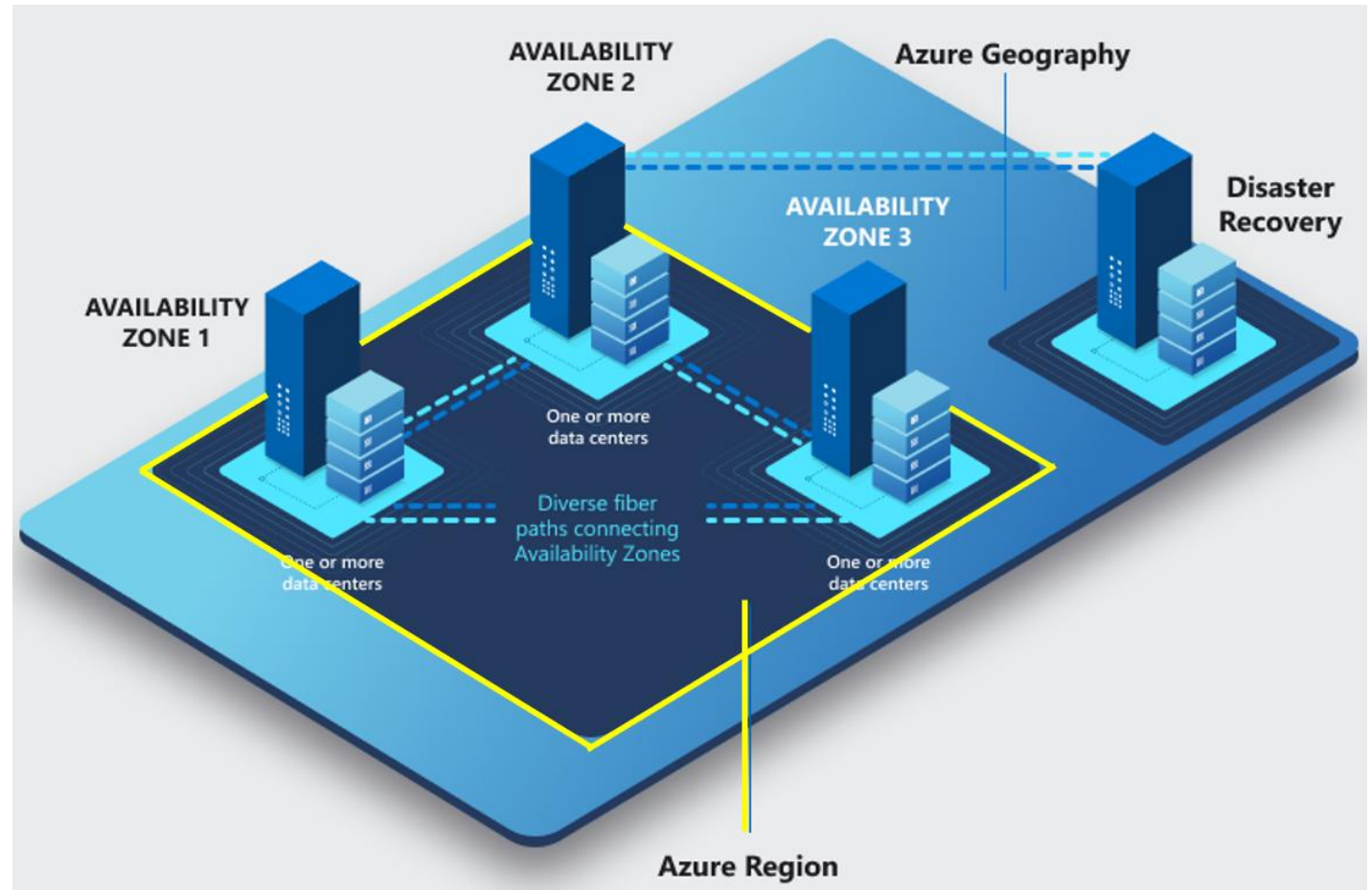
Dynamics 365 Resiliency: Built-In Availability Zones

Availability Zones protect your applications and data from infrastructure disruptions. **They are distinct physical locations within an Azure region**

Each AZ = Contains one or more datacenters





Each AZ is equipped with independent power, cooling, and networking

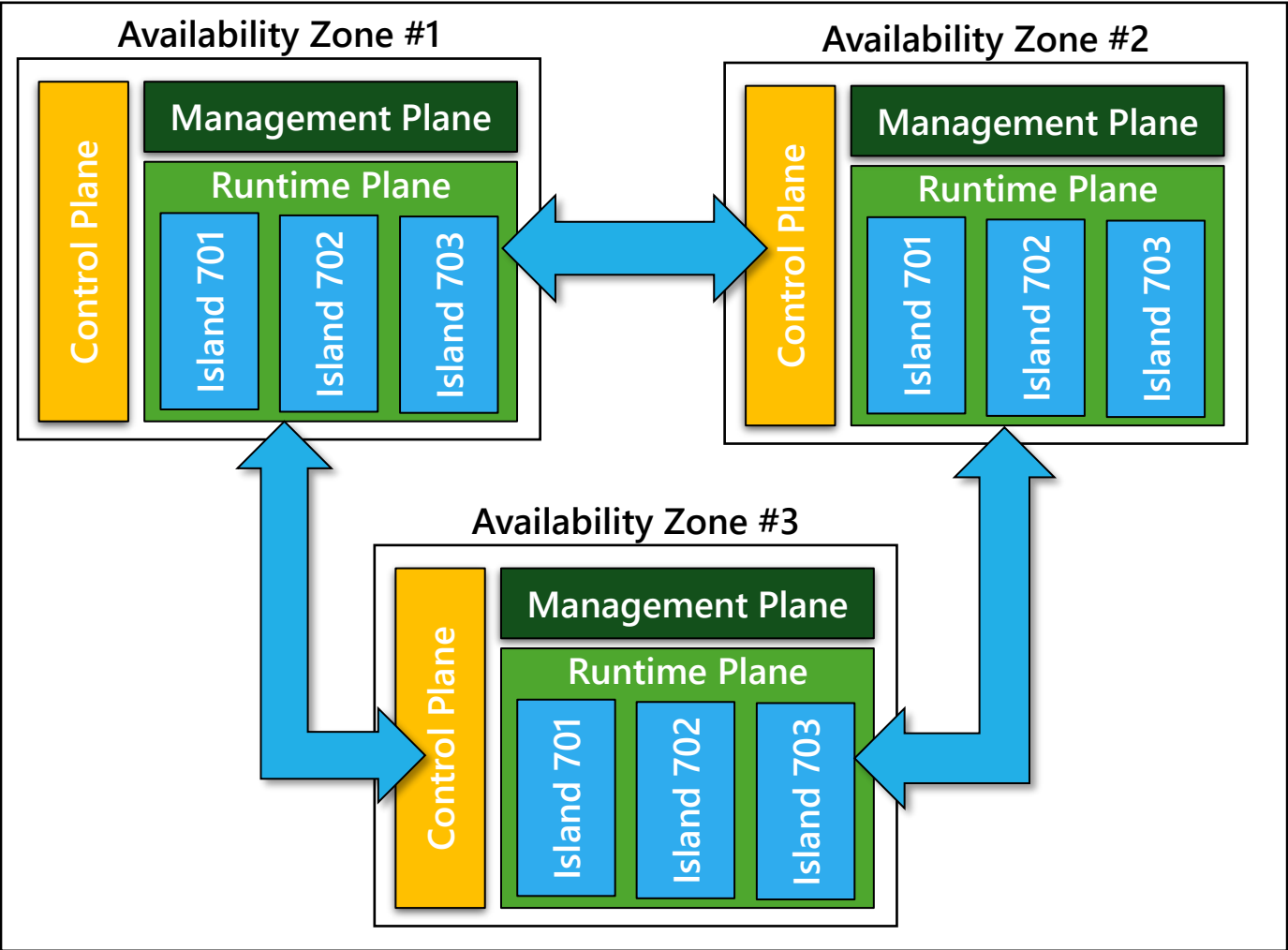
Zone-enabled regions have **typically 3 Availability Zones**



Dynamics 365 Resiliency: Built-In Availability Zones

Site: US East

-  Core end user scenarios that run in the Runtime Planes are deployed across 3 zones with **synchronous** data replication for Production environments.
-  Microsoft performs failovers between zones **automatically**.
-  Synchronous replication results in zero replication lag and therefore enabling customers to achieve an **RPO target of near 0 seconds**.
-  Automated failover enables customers to achieve an **RTO target of 5 minutes**.



Built-In resiliency real-World Experience

- In July 2024, during a thermal event in UAE that impacted Zone 2, none of the critical services were impacted. We only observed some impact to a legacy stack of Marketing service, which is scheduled for decommissioning by June 2025.

Agenda

1. BCDR 101
2. Built-In Disaster Recovery with Azure Availability Zones
- 3. Self-Service Disaster Recovery Feature + Presentation**
4. Self-Service Disaster Recovery Roadmap

Introduction to Managed Availability

Redundancy Type

Within-Datacenter

Cross-Datacenter

Cross-Region

Mitigates

Failures Within Datacenters

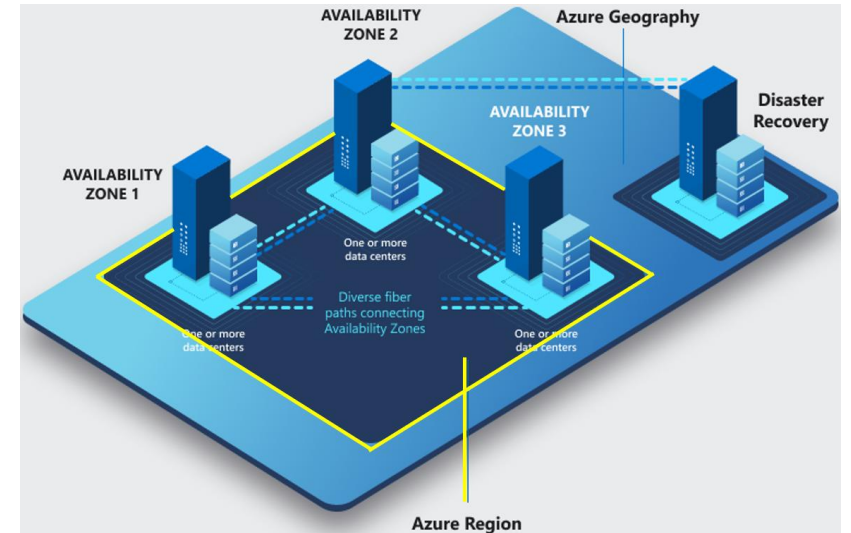
Examples: rack failures

Failures of a Datacenter

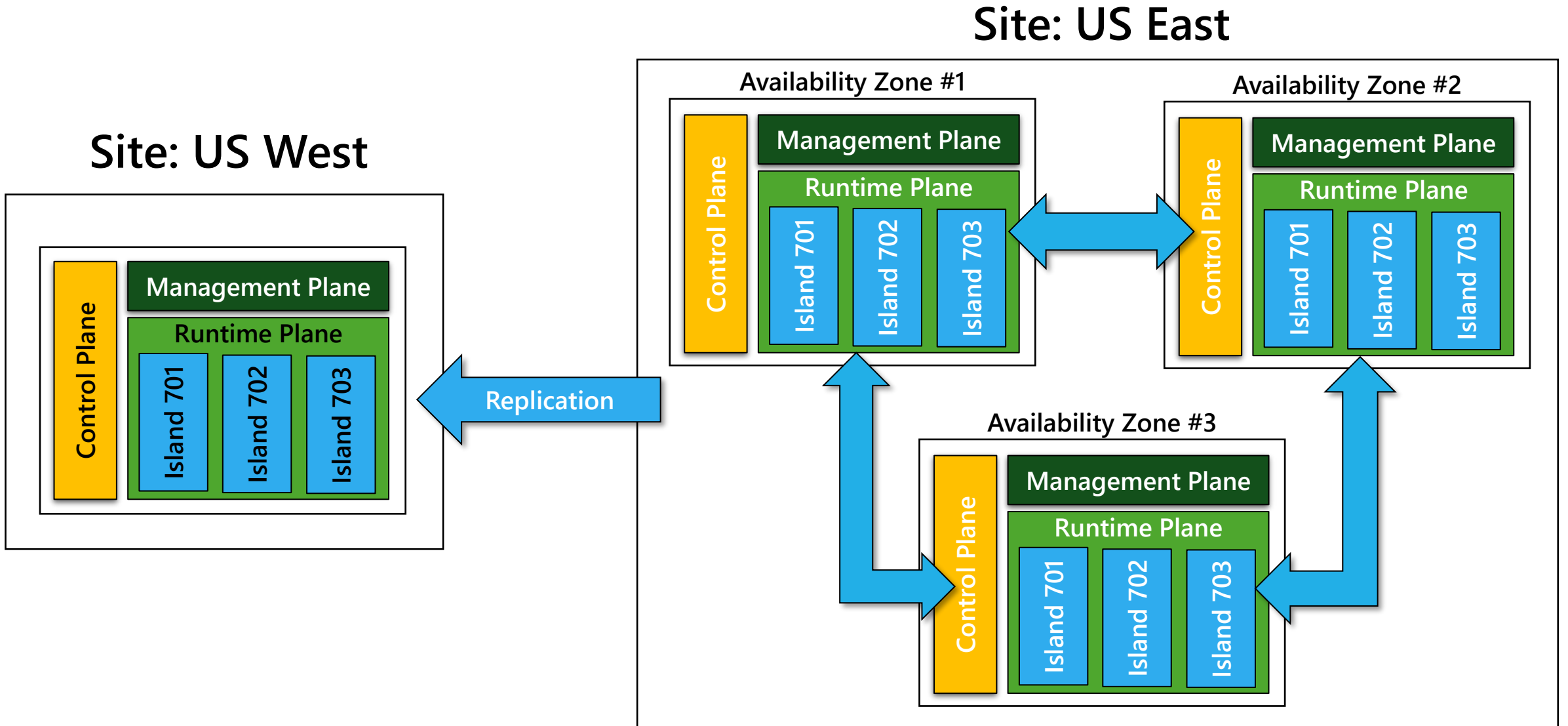
Examples: power/cooling/networking

Failures of all Datacenters in a Region

Examples: earthquakes



CE Resiliency: Premium (Self-Service)



CE Resiliency: Premium (Self Service)



Premium Disaster Recovery:
Resiliency across Regions



Data Replication Method:
Asynchronous



Examples:

GEO: United States

Region: West US ↔ East US

Data Center Location: California ↔ Virginia

GEO: Europe

Region: West Europe ↔ North Europe

Data Center Location: Netherlands ↔ Ireland

Self-Service Disaster Recovery Introduction

- Admins can turn on for Production type environments in PPAC; Feature is off by default
- Environment must be managed (Preview customers not enforced)
- Environments must have Pay-as-you-go plan linked (enforced for all)
- Turning feature on actively replicates storage to paired region
- Customers can perform planned self-service Disaster recovery drills
- Customers can perform self-service Emergency response to a regional outages
- Cross-region replication lag target 15 min
- Restore time target is 5 minutes

**Public
preview
Data
As of
April 15**

| Preview adoption per month | | Environments | Total | 702 | | | | | | | |
|--|----|----------------------------------|-------------------------|--------|--------|--------|-----------|----|-----|-----|-----|
| <p>Total 573 tenants</p> <table border="1"> <tr> <td></td> <td>15-Feb</td> <td>15-Mar</td> <td>15-Apr</td> </tr> <tr> <td>■ tenants</td> <td>18</td> <td>117</td> <td>438</td> </tr> </table> | | | | 15-Feb | 15-Mar | 15-Apr | ■ tenants | 18 | 117 | 438 | VIP |
| | | | 15-Feb | 15-Mar | 15-Apr | | | | | | |
| ■ tenants | 18 | 117 | 438 | | | | | | | | |
| | | Managed | 405 | | | | | | | | |
| | | Usage (last 30 days) | DR drills | 25 | | | | | | | |
| | | | Emergency response | 15 | | | | | | | |
| | | Outage duration (RTO) in minutes | DR drill = 1.09 minutes | 1.09 | | | | | | | |
| | | | Emergency response | 1.9 | | | | | | | |
| | | | Switch back | 2.3 | | | | | | | |

Power Platform admin center

Search for settings, pages, and more

New admin center

Manage

Environments

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Tenant settings

Data

Data (preview)

Data integration

Data export

Products

Power Apps

Power Automate

Power Pages

Dynamics 365 Apps

Dataverse

Deselect Detailed view Open Edit managed environments Resources Settings Convert to sandbox Disaster Recovery Search

Environments

An [environment](#) is a space to store, manage, and share your organization's business data, apps, chatbots, and flows. When an environment is [managed](#), it allows you greater visibility and control.

| Environment | Type | State | Dataverse | Managed | Region | Release Cycle | Group |
|---------------------|------------|-------|-----------|---------|-----------------------|---------------|-------|
| ACS210.4GER | Production | Ready | Yes | Yes | Germany | Standard | - |
| AContosoEnvironment | Production | Ready | Yes | Yes | Canada | Standard | grp1 |
| ACS310.3APJ | Production | Ready | Yes | Yes | Asia | Standard | - |
| ACS310.3APJ | Sandbox | Ready | Yes | No | Asia | Standard | - |
| ACS310.3UAE | Sandbox | Ready | Yes | No | United Arab Emirat... | Standard | - |
| ACS210.2NAM | Production | Ready | Yes | Yes | United States | Standard | - |
| testinguerregion001 | Sandbox | Ready | Yes | No | Europe | Standard | - |
| swisscheese | Sandbox | Ready | Yes | No | Switzerland | Standard | - |
| Power Evaluator | Sandbox | Ready | Yes | No | United States | Standard | - |
| test3 | Sandbox | Ready | Yes | Yes | Australia | Standard | grp1 |
| RestoreNRD_APJ01 | Sandbox | Ready | Yes | No | Asia | Standard | - |

Disaster Recovery in PPAC

Disaster recovery is a first-class operation in PPAC

Power Platform admin center

Search for settings, pages, and more

Manage

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Data (preview)

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Products

Power Apps

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Power Pages

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Dataverse

Admin centers

Deselect Detailed view Open Edit managed environments Resources Settings Convert to sandbox Disaster Recovery

Environments

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| Environment | Type | State | Dataverse | Managed | Region |
|---|------------|-------|-----------|---------|----------------------|
| ACS310.3APJ | Production | Ready | Yes | Yes | Asia |
| ACS310.3APJ | Sandbox | Ready | Yes | No | Asia |
| ACS310.3UAE | Sandbox | Ready | Yes | No | United Arab Emirates |
| <input checked="" type="checkbox"/> ACS210.2NAM | Production | Ready | Yes | Yes | United States |
| testinguerregion001 | Sandbox | Ready | Yes | No | Europe |
| swisscheese | Sandbox | Ready | Yes | No | Switzerland |
| Power Evaluator | Sandbox | Ready | Yes | No | United States |
| test3 | Sandbox | Ready | Yes | Yes | Australia |
| RestoreNRD_APJ01 | Sandbox | Ready | Yes | No | Asia |
| RestoreNRD_OCE01_test | Sandbox | Ready | Yes | Yes | Australia |
| RestoreNRD_JPN01 | Sandbox | Ready | Yes | No | Australia |
| CopyNRD_GER02 | Sandbox | Ready | Yes | No | Germany |

Disaster Recovery ACS210.2NAM

Enabling this feature will upgrade this environment's business continuity capabilities to include self-serve disaster recovery during regional outage and to perform disaster recovery drills. [Learn more](#)

Turn on disaster recovery

Save Cancel

Disaster Recovery Panel

Environment must be Managed

Power Platform admin center

Search for settings, pages, and more

New admin center

Manage

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Home

Actions

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Deployment

Licensing

Copilot

Support

Admin centers

Deselect Detailed view Open Edit managed environments Resources Settings

TEST and PREPROD environments are subject to automatic reclamation for OPEX purposes. All new environments will be assigned a default 14 day expiration period. For more information on environment lifetimes please see <https://aka.ms/auroralifecyclewiki>

Environments

An [environment](#) is a space to store, manage, and share your organization's business data, apps, chatbots, and flows. When an environment

| Environment | Type | State | Dataverse | Ma |
|---------------------------------|------------|-------|-----------|-----|
| test4242 | Production | Ready | Yes | Yes |
| Test_test_PaidOrg_OCE_Multig... | Default | Ready | Yes | Yes |

Disaster Recovery

test4242

Enabling this feature will upgrade this environment's business continuity capabilities to include self-serve disaster recovery during regional outage and to perform disaster recovery drills. [Learn more](#)

A Pay-as-you-go billing plan is required to use this feature.

Turn on disaster recovery

SSDR consumes paid capacity

Pay-as-you-go is required

Power Platform admin center

Search for settings, pages, and more

Home Actions Manage Monitor Security Deployment Licensing Copilot Support Admin centers

Manage

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Open Edit managed environments Resources Settings Convert to sandbox Disaster Recovery Backup + Restore

Environment details were edited at 4/27/2025, 4:55:30 PM

Environments > ACS210.2NAM

Details [See all](#) [Edit](#)

| | |
|--|---|
| Environment URL org3af6cd4c.crm.dynamics.com | State Ready |
| Region United States | Refresh cadence Frequent |
| Type Production | Security group Not assigned |
| Organization ID 0aeee144-3828-ef11-8406-000d3a342d28 | Environment ID c863b75e-4a72-42ae-8260-d84a467adc4a |
| Created by Rahul Jajoo | |

Auditing [Manage](#)

| | |
|--|---|
| Auditing enabled No | Retain audit logs for Forever |
| Free up capacity Delete audit logs | |

Disaster Recovery ACS210.2NAM

Enabling this feature will upgrade this environment's business continuity capabilities to include self-serve disaster recovery during regional outage and to perform disaster recovery drills. [Learn more](#)

Turn on disaster recovery

Enabling environment for disaster recovery, this will take some time. Please check again later.

Disaster Recovery

Enabling environment for disaster recovery, this will take some time.

Access

- Security roles** [See all](#)
- Teams** [See all](#)
- Users** [See all](#)
- S2S apps** [See all](#)
- Business units** [See all](#)

Preparing the Environment for Self-service Disaster Recovery

Platform initiates steps to prepare environment resources once SDR is turned on

Power Platform admin center

Search for settings, pages, and more

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Tenant settings

Data

Data (preview)

Data integration

Data export

Products

Power Apps

Power Automate

Power Pages

Dynamics 365 Apps

Dataverse

Environments

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| Environment | Type | State | Dataverse | Managed | Region |
|----------------------|------------|-------|-----------|---------|---------------|
| ACS210.4GER | Production | Ready | Yes | Yes | Germany |
| ACContosoEnvironment | Production | Ready | Yes | Yes | Canada |
| ACS310.3APJ | Production | Ready | Yes | Yes | Asia |
| ACS210.2NAM | Production | Ready | Yes | Yes | United States |
| RLockMoveGeoTest | Production | Ready | Yes | No | France |
| dsepaidorgtest | Production | Ready | Yes | No | United States |
| AAlmadtestcanada | Production | Ready | Yes | Yes | Canada |
| rlock GER test org | Production | Ready | Yes | Yes | Germany |
| TestConvert | Production | Ready | Yes | Yes | Canada |
| IsaacManasCds | Production | Ready | Yes | No | United States |
| gopal-test1 | Production | Ready | Yes | No | United States |

Disaster Recovery

ACContosoEnvironment

Enabling this feature will upgrade this environment's business continuity capabilities to include self-serve disaster recovery during regional outage and to perform disaster recovery drills. [Learn more](#)

Turn on disaster recovery

Environment ready for disaster recovery.

Select disaster recovery reason *

Disaster recovery drill

Emergency response

Continue Cancel

Initiating disaster recovery

Admin can choose planned or unplanned failover the latter incurring data loss

Power Platform admin center

Search for settings, pages, and more

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Data (preview)

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Products

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Admin

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| Environment | Region | Managed | Region |
|----------------------|------------|---------|---------------|
| ACS210.4GER | | Yes | Germany |
| ACContosoEnvironment | | Yes | Canada |
| ACS310.3APJ | | Yes | Asia |
| ACS210.2NAM | | Yes | United States |
| RLockMoveGeoTest | | No | France |
| dsepaidorgtest | | No | United States |
| AAImadtestcanada | | Yes | Canada |
| rlock GER test org | | Yes | Germany |
| TestConvert | Production | Ready | Yes |
| IsaacManasCds | Production | Ready | Yes |
| gopal-test1 | Production | Ready | Yes |

Disaster Recovery

Environment will be switched from its primary region to its paired region as of **04/27/2025 5:03 PM**. Data changed or updated after this time may not be restored. Are you sure you want to proceed?

Note: This operation may take a few minutes to complete.

ⓘ During this time the environment will appear as 'Running' and will return to 'Ready' once the operation completes.

Enter the environment name, **ACContosoEnvironment**, to confirm

Continue Cancel

Disaster Recovery

ACContosoEnvironment

ⓘ Enabling this feature will upgrade this environment's business continuity capabilities to include self-serve disaster recovery during regional outage and to perform disaster recovery drills. [Learn more](#)

Turn on disaster recovery

Environment ready for disaster recovery.

Select disaster recovery reason *

Emergency response

Continue Cancel

Unplanned failover

Possible data loss represented as the time when data was last sync'd to paired region

Power Platform admin center

Search for settings, pages, and more

New admin center ? (IY)

Open Edit managed environments Resources History Status updated at 5:08:24 PM, 4/27/2025 Check status

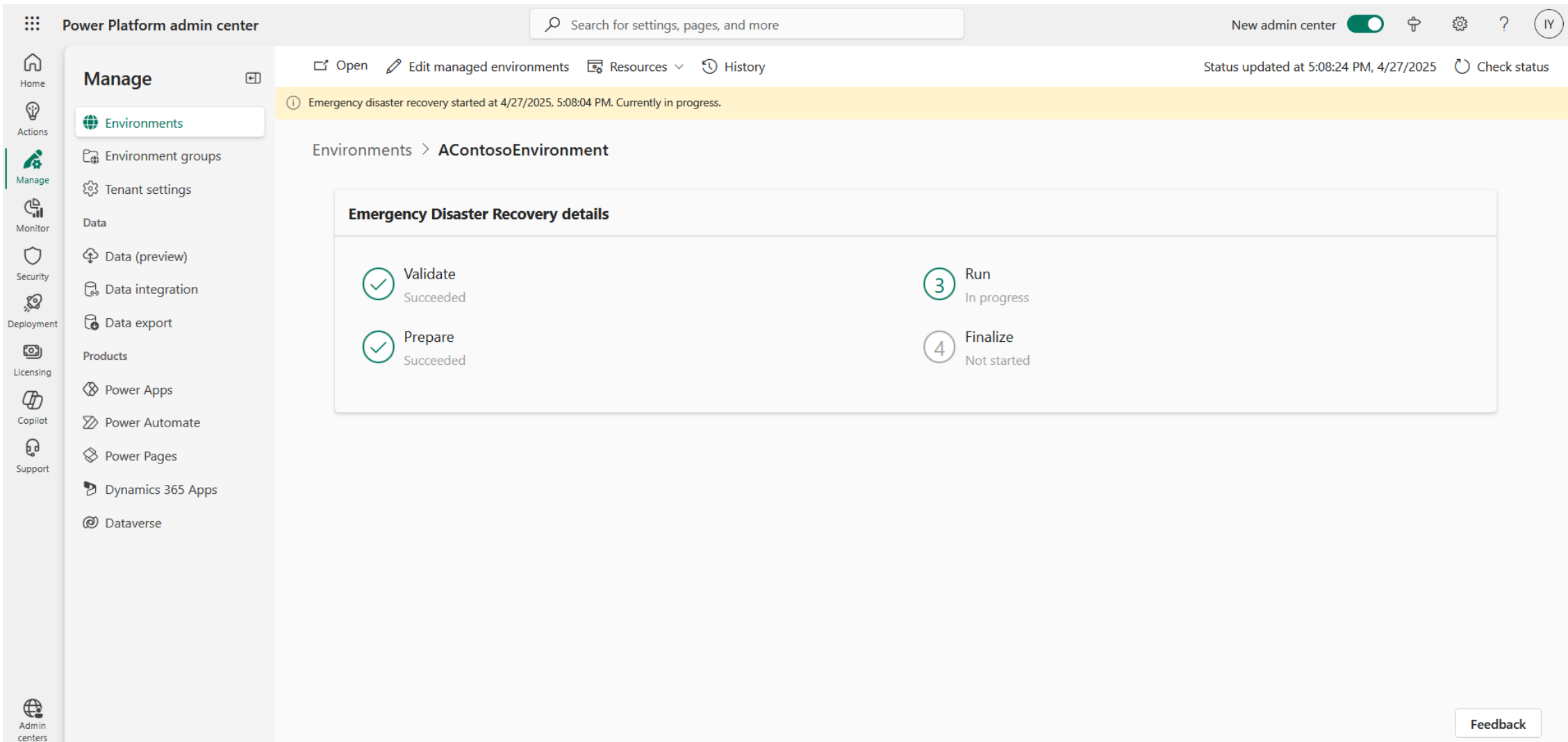
Emergency disaster recovery started at 4/27/2025, 5:08:04 PM. Currently in progress.

Environments > AContosoEnvironment

Emergency Disaster Recovery details

| | | | |
|-------------------------|------------------------|----------------------|---------------------------|
| 1 Validate Succeeded | 2 Prepare Succeeded | 3 Run In progress | 4 Finalize Not started |
|-------------------------|------------------------|----------------------|---------------------------|

Feedback



SSDR is an environment lifecycle operation

Modeled the same as copy, restore, delete, etc

Power Platform admin center

Search for settings, pages, and more

New admin center

Open Edit managed environments Resources Settings Convert to sandbox Disaster Recovery Backup + Restore Copy Delete History

Emergency disaster recovery completed at 4/27/2025, 5:09:56 PM. [Open panel.](#)

Manage

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- Copilot
 - Power Apps
 - Power Automate
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 - Dynamics 365 Apps
 - Dataverse
- Admin centers

Environments > AContosoEnvironment

| Details See all Edit | |
|--|---|
| Environment URL orgdecf2b324.crm3.dynamics.com | State Ready |
| Region Canada | Refresh cadence Frequent |
| Type Production | Security group Not assigned |
| Organization ID 05ccd617-a8e7-4d1a-a77b-ec37eee9a021 | Environment ID ae415efb-6908-4759-8ed9-30e6fbabf7f6 |
| Created by Rahul Jajoo | |

| Auditing Manage | |
|--|---|
| Auditing enabled No | Retain audit logs for Forever |
| Free up capacity Delete audit logs | |

Disaster Recovery Open

This environment is in a paired region with limited resources. The primary region is recommended.

Access

- Security roles**
[See all](#)
- Teams**
[See all](#)
- Users**
[See all](#)
- S2S apps**
[See all](#)
- Business units**
[See all](#)

Environment back in ready state

Disaster recovery state included in Disaster Recovery card in environment details page

Power Platform admin center

Search for settings, pages, and more

New admin center

Home

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Data (preview)

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Dataverse

Admin centers

Environments > AContosoEnvironment > History

Emergency Disaster Recovery

Start time
4/27/2025, 5:08:04 PM

End time
4/27/2025, 5:09:56 PM

Initiated by
imad yanni

Status
Succeeded

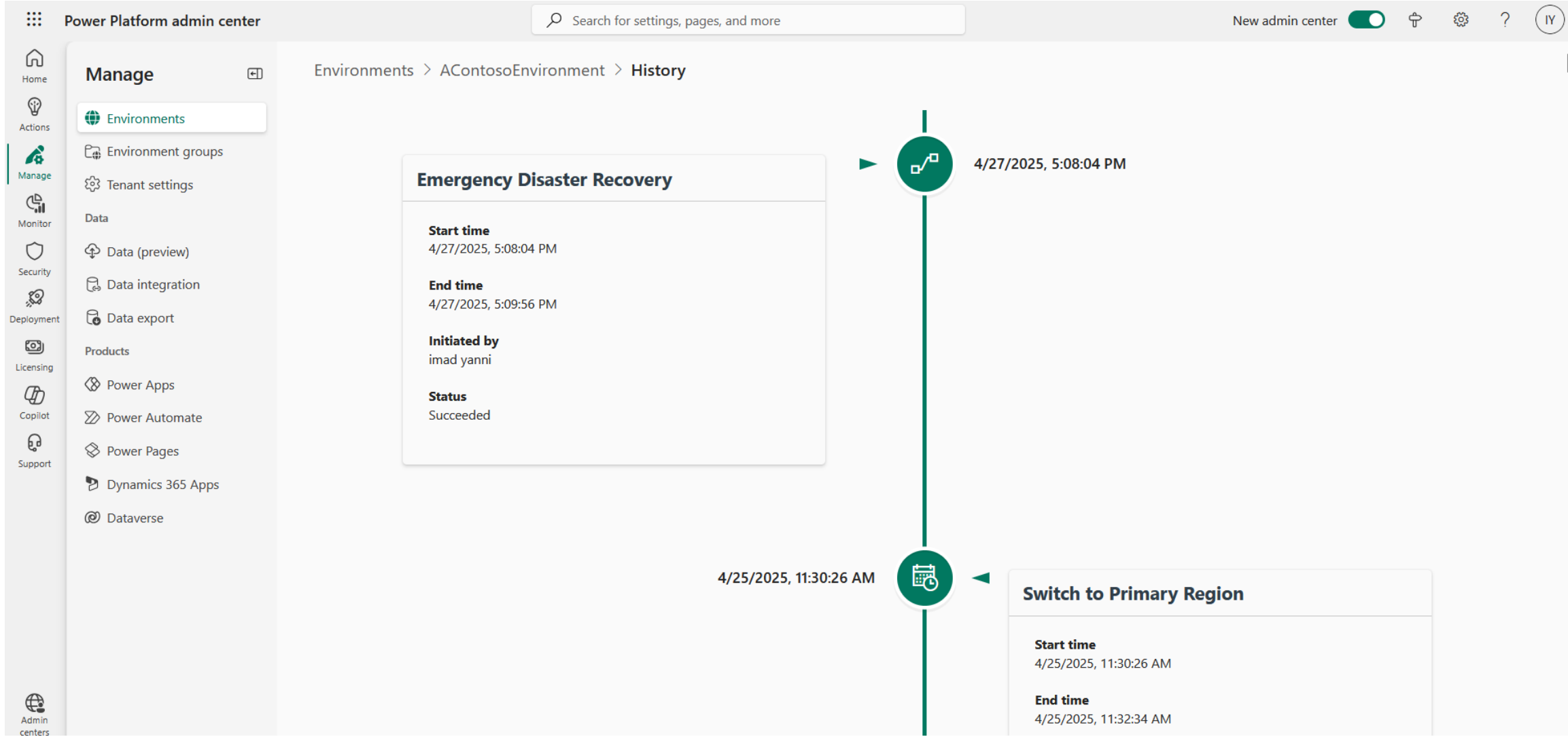
4/27/2025, 5:08:04 PM

4/25/2025, 11:30:26 AM

Switch to Primary Region

Start time
4/25/2025, 11:30:26 AM

End time
4/25/2025, 11:32:34 AM



Operation recorded in environment history

Admin can determine actual recovery time by start and end time in history

Environment in paired region

Power Platform admin center

Search for settings, pages, and more

Home Actions Manage Monitor Security Deployment Licensing Copilot Support

Manage

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Open Edit managed environments Resources Settings Convert to sandbox Disaster Recovery Backup + Restore

Emergency disaster recovery completed at 4/27/2025, 5:09:56 PM. [Open panel.](#)

Environments > AContosoEnvironment

Details See all Edit

| | |
|--|---|
| Environment URL orgdecf2b324.crm3.dynamics.com | State Ready |
| Region Canada | Refresh cadence Frequent |
| Type Production | Security group Not assigned |
| Organization ID 05ccd617-a8e7-4d1a-a77b-ec37eee9a021 | Environment ID ae415efb-6908-4759-8ed9-30e6fbabf7f6 |
| Created by Rahul Jajoo | |

Auditing Manage

| | |
|--|---|
| Auditing enabled No | Retain audit logs for Forever |
| Free up capacity Delete audit logs | |

Disaster Recovery AContosoEnvironment

Enabling this feature will upgrade this environment's business continuity capabilities to include self-serve disaster recovery during regional outage and to perform disaster recovery drills. [Learn more](#)

Turn on disaster recovery

Disaster Recovery

This environment resources. The pri

Access

- Security roles**
See all
- Teams**
See all
- Users**
See all
- S2S apps**
See all
- Business units**
See all

Disaster Recovery

⚠ This environment is in a paired region with limited resources. The primary region is recommended.

Switch to primary region

Continue Cancel

admin alerted of potential limitations

Admins are advised to switch back when primary region is healthy

Power Platform admin center

Search for settings, pages, and more

Open Edit managed environments Resources Settings Convert to sandbox Disaster Recovery Backup + Restore

Emergency disaster recovery completed at 4/27/2025, 5:09:56 PM. [Open panel.](#)

Environments > AContosoEnvironment

Details

Environment URL
orgdecf2b324.crm3.dynamics.com

Region
Canada

Type
Production

Organization ID
05ccd617-a8e7-4d1a-a77b-ec37eee9a021

Created by
Rahul Jajoo

Auditing

Auditing enabled
No

Retain audit logs for
Forever

Free up capacity
Delete audit logs

Disaster Recovery

Environment will be switched from its paired region to its primary region without data loss. Are you sure you want to proceed?

Note: This operation may take a few minutes to complete. During this time the environment will appear as 'Running' and will return to 'Ready' once the operation completes.

Enter the environment name, **AContosoEnvironment**, to confirm

Continue Cancel

Disaster Recovery
AContosoEnvironment

Enabling this feature will upgrade this environment's business continuity capabilities to include self-serve disaster recovery during regional outage and to perform disaster recovery drills. [Learn more](#)

Turn on disaster recovery

This environment is in a paired region with limited resources. The primary region is recommended.

Switch to primary region

Continue Cancel

Switch back is a planned failover

No data loss same as disaster recovery drill

self service disaster recovery billing

Consumed capacity and experience

Disaster recovery capacity-based billing

Availability zone redundancy is included with customers' paid subscription. It is available to Production environments at no additional cost.

Self-service disaster recovery has additional costs

- Customers that require self-service disaster recovery to a cross-region replica, and unlimited disaster recovery drills will need to enable it on their managed production environments. It is disabled by default.
- Enabling the environment will incur charges based on the capacity consumed in the paired region for Database, File and Log
- Capacity is charged at the same rate as customer's primary storage cost; and consumption experience is in the familiar licensing experience within PPAC
- To prevent overages and impacts due to overage (e.g., creation of new environments), self-serve DR requires that the environment is linked to a pay-as-you-go (PAYG) billing plan
- Unless the environment is completely pay-as-you-go the tenant entitled capacity will be consumed first. To control tenant capacity consumption, admins can allocate capacity to the environment, after which pay-as-you-go plan will be billed
- Customer cannot turn off pay-as-you-go in billing experience if it has self-service disaster recovery turned on; they must disable self-service disaster recovery (replication deleted) first

Power Platform admin center

Search for settings, pages, and more

New admin center

Home Actions Manage Monitor Security Deployment Licensing Copilot Support

Licensing

- Billing Plans
- Capacity add-ons
- Products
 - Power Apps
 - Power Automate
 - Power Pages
 - Copilot Studio
 - Dataverse**
 - Finance and Operations

Licenses (Preview)

Summary Environments

test4242 [Change environment](#)

Region: United States • Environment type: Production

[Purchase licenses](#) [Manage capacity](#) [Manage billing plans](#)

Dataverse

Usage per storage type

Last updated on 04/27/2025 9:30 PM

| Storage Type | Usage | Pay-as-you-go |
|--------------|----------------|---------------|
| Database | 1.38 GB/0 MB | 0 MB |
| Log | 0 MB/0 MB | 0 MB |
| File | 823.22 MB/0 MB | 0 MB |

Database usage Month to date

Usage

Capacity (GB)

April 17 April 18 April 19 April 20 April 21 April 22 April 23 April 24 April 25 April 26 April 27

Capacity experience

When SSDR not enabled

Power Platform admin center

Search for settings, pages, and more

New admin center

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Licenses (Preview)

Summary Environments

test4242 [Change environment](#)

Region: United States • Environment type: Production

Disaster recovery active

[Purchase licenses](#) [Manage capacity](#) [Manage billing plans](#)

Dataverse

ⓘ Cross-region backup turned on The info here shows the additional replicated storage consumption from turning on the disaster recovery setting, Cross-region backup. [Learn more](#)

Usage per storage type

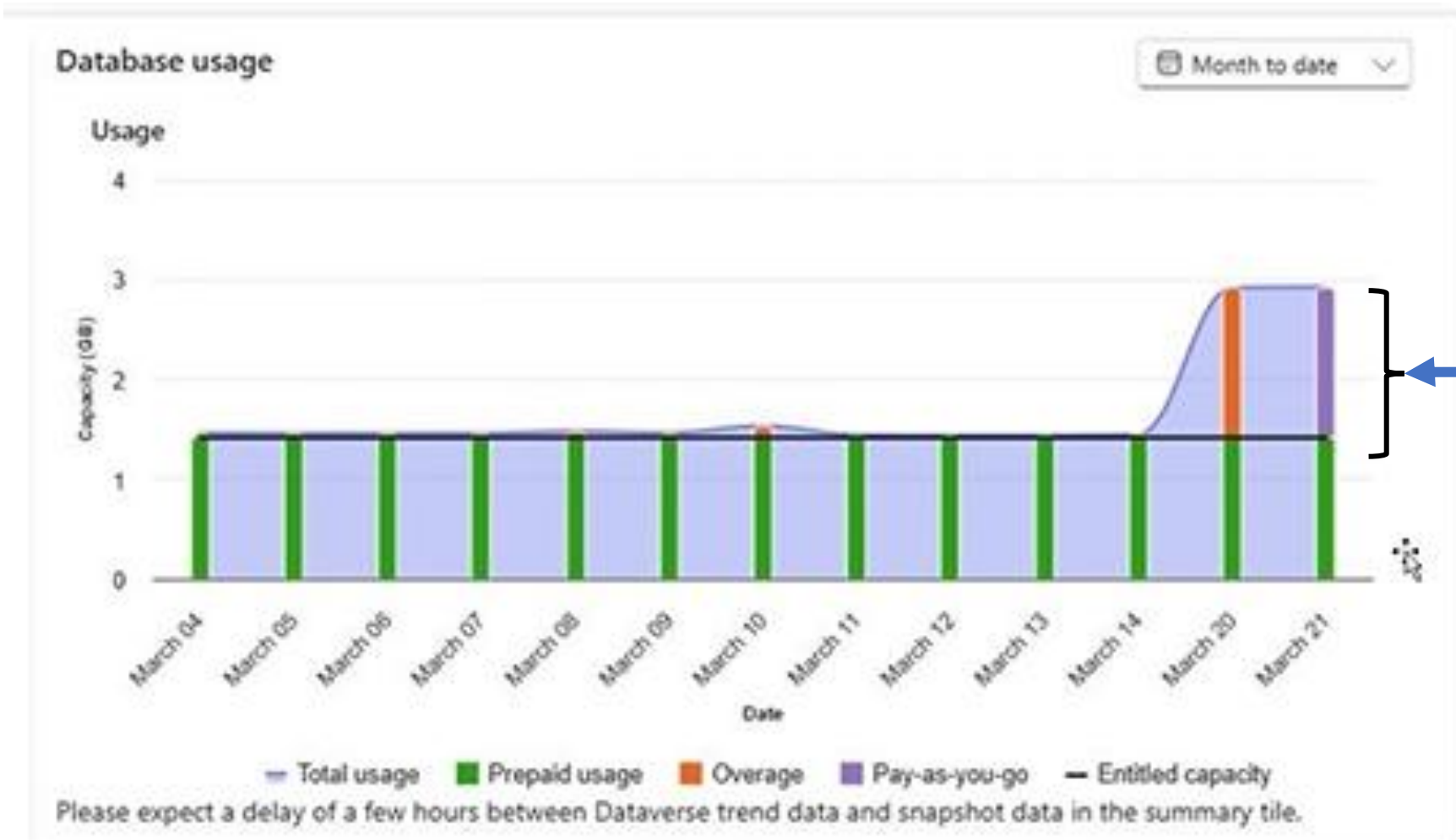
Last updated on 04/28/2025 1:24 PM

| Storage Type | Usage | Pay-as-you-go |
|--------------|--------------|---------------|
| Database | 1.38 GB/0 MB | 0 MB |
| Log | 0 MB/0 MB | 0 MB |

Database usage

Capacity experience when SDR is active

Disaster recovery active
Tag in Dataverse capacity



SSDR capacity experience

DR specific consumption clearly identified

Disabling disaster recovery

Power Platform admin center

Search for settings, pages, and more

New admin center

Disaster Recovery

test4242

ⓘ Enabling this feature will upgrade this environment's business continuity capabilities to include self-serve disaster recovery during regional outage and to perform disaster recovery drills. [Learn more](#)

Turn on disaster recovery

Continue **Cancel**

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 - Dynamics 365 Apps
 - Dataverse

Open Edit managed environments Resources Settings Convert to sandbox Disaster Recovery

Environment details were edited at 4/27/2025, 8:19:59 PM

Environments > test4242

Details See all Edit

| | |
|--|--|
| Environment URL orgcaf9977.crm10.dynamics.com | State Ready |
| Region United States | Refresh cadence Frequent |
| Type Production | Security group Not assigned |
| Organization ID 26722254-1e16-f011-9aeb-000d3a30c49e | Environment ID ab094025-42fa-e9fa-aa00-ef725e88ce1 |
| Created by Admin NoLic | |

| | | |
|---|-----------------------------|----------------------------------|
| Version | Managed environments | Updates Manage |
| Dataverse version 9.2.25041.124 | Yes | 2025 release wave 1 On |

Disaster Recovery

Environment

Access

- Security** See all
- Teams** See all
- Users** See all
- S2S app** See all
- Business** See all

Disabling self-service disaster recovery

SSDR can be turned off

Power Platform admin center

Search for settings, pages, and more

New admin center

Disaster Recovery

test4242

Enabling this feature will upgrade this environment's business continuity capabilities to include self-serve disaster recovery during regional outage and to perform disaster recovery drills. [Learn more](#)

Turn on disaster recovery

Open Edit managed environments Resources Settings Convert to sandbox Disaster Recovery

Environment details were edited at 4/27/2025, 8:19:59 PM

Environments > test4242

Details

Environment URL
orgfcf9977.crm10.dynamics.com

Region
United States

Type
Production

Organization ID
26722254-1e16-f011-9aeb-0...

Created by
Admin NoLic

Disaster Recovery

Disabling Disaster recovery will delete all environment data replicated in paired region.

You will lose the ability to switch between region during emergencies or for audit drills.

Enter the environment name, **test4242**, to confirm

Version

Dataverse version
9.2.25044.124

Managed environments

Yes

Updates

2025 release wave 1
On

[Manage](#)

Disaster Recovery

Access

Security

[See all](#)

Teams

[See all](#)

Users

[See all](#)

S2S app

[See all](#)

Business

[See all](#)

Disabling DR will delete data in paired region

There is not impact on environment in primary region

Power Platform admin center

Search for settings, pages, and more

New admin center

Disaster Recovery test4242

Open Edit managed environments Resources Settings Convert to sandbox Disaster Recovery

Emergency disaster recovery completed at 4/28/2025, 3:56:36 PM. [Open panel.](#)

Enabling this feature will upgrade this environment's business continuity capabilities to include self-serve disaster recovery during regional outage and to perform disaster recovery drills. [Learn more](#)

Turn on disaster recovery

Disabling disaster recovery is not allowed while in paired region, please switch environment to primary region.

This environment is in a paired region with limited resources. The primary region is recommended.

Switch to primary region

Continue Cancel

Environments > test4242

Details See all Edit

| | |
|--|---|
| Environment URL orgfcf9977.crm10.dynamics.com | State Ready |
| Region United States | Refresh cadence Frequent |
| Type Production | Security group Not assigned |
| Organization ID 26722254-1e16-f011-9aeb-000d3a30c49e | Environment ID ab094025-42fa-e9fa-aa00-eff725e88ce1 |
| Created by Admin NoLic | |

Version Managed environments Updates Manage

| | | |
|---|-----|---------------------------|
| Dataverse version 9.2.25044.126 | Yes | 2025 release wave 1 On |
|---|-----|---------------------------|

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 - Power Pages
 - Dynamics 365 Apps
 - Dataverse

Disaster Recovery

Security See all

Teams See all

Users See all

S2S app See all

Business See all

SSDR Cannot be disabled while in secondary region

To avoid customer impact due to possible limitations

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Open Edit managed environments Resources Settings Convert to sandbox Disaster Recovery

Emergency disaster recovery completed at 4/28/2025, 3:56:36 PM. [Open panel.](#)

Environments > test4242

| Details | | See all | Edit |
|--|---|---------|------|
| Environment URL orgcaf9977.crm10.dynamics.com | State Ready | | |
| Region United States | Refresh cadence Frequent | | |
| Type Production | Security group Not assigned | | |
| Organization ID 26722254-1e16-f011-9aeb-000d3a30c49e | Environment ID ab094025-42fa-e9fa-aa00-eff725e88ce1 | | |
| Created by Admin NoLic | | | |

| Version | Managed environments | Updates | Manage |
|---|----------------------|----------------------------------|--------|
| Dataverse version 9.2.25044.126 | Yes | 2025 release wave 1 On | |

Disaster Recovery

test4242

Enabling this feature will upgrade this environment's business continuity capabilities to include self-serve disaster recovery during regional outage and to perform disaster recovery drills. [Learn more](#)

Turn on disaster recovery

Disabling disaster recovery is not allowed while in paired region, please switch environment to primary region.

⚠ This environment is in a paired region with limited resources. The primary region is recommended.

Switch to primary region

Continue

Cancel

Customer must switch to primary region first

Agenda

1. BCDR 101
2. Built-In Disaster Recovery with Azure Availability Zones
3. Self-Service Disaster Recovery Feature + Presentation
4. **Self-Service Disaster Recovery Roadmap**

Managed Availability

Enterprise Grade Reliability and Availability for Mission Critical Workloads

High Availability

Near-zero downtime with
Azure availability zones

Automated backup & point in
time restore

BCDR Agility

Self-serve cross-region
disaster recovery

Self-serve cross-region DR
drills for compliance

[Introducing Managed Availability for Power Platform - Microsoft Power Platform Blog](#)

End-to-end scenarios

- Power platform and Dynamics 365 applications are in scope for managed availability
- Disaster recovery drills where an environment and Dataverse is switched to the paired region, customer's end-users, processes, etc should not experience impact or disruptions
- Disaster recovery emergency response during a region-wide outage, when a customer is impacted due to the outage, may continue to experience impact for certain functionality. Engineering teams may need to perform manual operations on the backend to failover key capabilities
- Engineering teams continue to onboard to self-service disaster recovery lifecycle operation to eliminate disruptions and reduce the need for manual operations

Reference URLs

[Business continuity and disaster recovery for Dynamics 365 SaaS apps - Power Platform | Microsoft Learn](#)

[What are Azure availability zones? | Microsoft Learn](#)

[Azure region pairs and nonpaired regions | Microsoft Learn](#)

[Release Planner Availability Reports · Microsoft Release Planner](#)

Summarizing: “Built-In” and “Self Service”

| Redundancy Class | Built-In | Self Service |
|----------------------|--------------------|-------------------------|
| Cost Model | Included | Additional Prod Storage |
| Redundancy Purpose | Within Region | Across Regions |
| Redundancy Technique | Availability Zones | Cross Region Backups |
| Replication Method | Synchronous | Asynchronous |
| Data Loss Metric | RPO | Replication Lag |
| System Outage Metric | RTO | RTO |

Please note!

- Not all Regions have Availability Zones enabled currently
- In this scenario, a backup is still held in a separate region (legacy model)



Survey QR Code

TechTalk: Dynamics 365 BCDR:
Managed Availability (2)

A QR code on a white background, centered on a teal gradient background.