Version 1.1

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 27/02/17 | 1.0 | The system needs to be able to recover from disasters by using the information from the backup method. | Krysta Albertson |
| 22/03/17 | 1.1 | Changes were made to the main flow. | Krysta Albertson |
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# Use-Case Name

## Brief Description

The recovery option will allow the Kentucky Horseman Benevolent and Protective Association to recover or regain any lost data from the cloud service in case of an emergency. Many companies can have a technical issue and be down anywhere from hours to days. With a recovery option, such as backing information up to the proposed Azure cloud system, the downtime in a state of emergency would be minimal.

# Flow of Events

## Basic Flow

- The employee or Azure Admin will login to the Resource ManagerMicrosoft Azure Backup application*.*

- From the Resource Manager the employee or Azure admin will choose recover.

- Then they will chose the server (the machine data is being recovered on).

- Then they will browse for files.

- Then they will chose the recovery date.

- Then they will select items to recover.

- Then they will specify the location.

- Then click confirm.

## Alternative Flows

### **2.2.1 Recover Data on an Alternate Device**

To recover the data to an alternate device you go through the same steps as the basic flow. Instead of choosing this server, the user will choose the option that says another server.

### **Instant Restore**

The instant restore restores data on the same machine you are wishing to recover the data from. You can choose individual files and they are mounted. After it mounts, you can copy the files from the windows file explorer and then paste them to the desktop or any files on the machine the recovery is taking place on. Then you will need to unmount the data files in the application.

# Special Requirements

## Windows Machine

Microsoft Azure is a Microsoft product so a windows machine is the most commonly used to restore or recover data on.

## Azure Remote Application

Azure does have an option to restore or recover data to a non-windows machine that is running Linux. To achieve this you will need to download and set up the Azure Remote App. There was no information about being able to restore data to a Mac, however, if a Mac is the only available machine you can install VMware and have a virtual windows machine inside the Mac.

# Pre-conditions

## Backup Method must be implemented

In order to restore or recover the data you will need to verify that Azure has been implemented and configured correctly within the snap in application in the company Azure portal.

# Post-conditions

## The Data is Restored

If the process is completed the chosen data will be restored to the machine.

## Verify Data Integrity

After recovering data from a machine, review the data to make sure that it is correct and that there is no corrupt data such as data missing or a file not being read.