The Race to a New System

Version 1.0

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **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 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Use-Case Name 4

1.1 Brief Description 4

2. Flow of Events 4

2.1 Basic Flow 4

2.2 Alternative Flows 4

2.2.1 Recover Data on the Same Device 4

2.2.2 Instant Restore 4

3. Special Requirements 4

3.1 Windows Machine 4

3.2 Azure Remote App 4

4. Pre-conditions 5

4.1 Backup Method Must Be Implemented 5

5. Post-conditions 5

5.1 Verify Data Integrity 5

# 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

Employee: The system is down, we cannot reach anything and all of our files are gone. We will need to start the recovery pr*ocess. I am going to log into the device I wish to recover the data from* and *open* the *Resource Manager* Microsoft Azure Backup application*.*

System: Ok, we have logged into the computer and accessed the Azure account. Please enter the Admin credentials. Perfect, we are now logged in.

Employee: To start the recovery I need to click the Recover Data tab. From there I need to select another server and select the source machine. After that, I will search for the files that I need to recover. I will select the files and choose a location or them to be downloaded at and provide the encryption password. After that, I can select Recover.

System: Thank you. Your files can now be accessed on the data location you have chosen.

## Alternative Flows

### **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

## 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.