Requirements Specification

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Revision History

Revision	Date	Author(s)	Description
0.2	10.10.2019	RB NF TS KT	Filled in Environment & Operation sections
0.1	09.27.2019	KT	Document Creation

1 Introduction

2 Background

3 Overview

4 Environment

4.1 VMWare (VSphere)

4.1.1 API'S

Use VMWare API that looks at file structs.

Example URL:

4.1.2 Download Protocol

Call downloads to download to local machine.

4.2 AWS

4.2.1 API'S

Use AWS API that looks at file structs.

4.2.2 Download Protocol

Call download API to download to local machine.

4.3 Authentication

4.3.1 VMWare Auth (SAML)

Use specific authorization based on the VMWare standard.

4.3.2 AWS Auth

Use specific authorization based on the AWS standard.

4.4 Web Page

4.4.1 Django

Provide input box for URL: should also provide login and logout usage.

4.5 Download Structure

4.6 Database?

5 Operation

5.1 Invocation

5.1.1 Web Application

5.2 Commands

5.2.1 Download

5.2.2 Load File Structure

5.2.3 Error Catching

5.2.4 Authentication

5.3 Termination

5.3.1 Logout User

5.3.2 Closing Application

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A Appendix