

Migration of MDR-X to GCP Report

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Introduction

This document lists the outputs from the project to migrate the MDR-X system to be deployed into a Google Cloud Project.

Project Plan

A basic plan listing the work-items, schedule, and project organisation ¹.

MDR-X Deployment GitHub Repository

The configuration files and documentation required to deploy the MDR-X system in a Google Cloud Project are maintained in a GitHub repository ².

MDR-X Development GitHub Repository

The source-code for the MDR-X software is contained in this separate repository³. Although not the focus of this project, a small amount of development work with the software was necessary to prepare it for cloud deployment.

System Design/Architecture

The system design is documented⁴ together with a diagram showing the architecture and explaining the relationships between components.

Installation Manual

The system is installed using an *Ansible* "playbook", which is configured in the GitHub repository. The instructions for running this playbook are in the README⁵ for the repository.

¹ https://github.com/antleaf/mdr-x-deployment/blob/main/docs/Migration_Of_Research_Project_Data_Management_System_plan.pdf

² <https://github.com/antleaf/mdr-x-deployment>

³ <https://github.com/antleaf/mdr-x-development>

⁴ <https://github.com/antleaf/mdr-x-deployment/blob/main/docs/architecture.md>

⁵ <https://github.com/antleaf/mdr-x-deployment/blob/main/README.md>