



Fig.4 Server Architecture Diagram

## Virtual Machine (VM) Deployment [🔗](#)

- **Cloud Deployment (Initial Phase):**
  - High availability ensured with four internet connections.
- **On-Prem Consideration:**
  - Logan is recruiting an OT/IT specialist.
  - On-prem solution will be revisited in May.
  - Logan to help allocate resources as needed.

## MES Server Configuration & Maintenance [🔗](#)

- **Initial Setup:** Jared and Damien's team to configure and maintain three low-spec VMs:
  - **MES Frontend Server**
  - **MES Backend Server**