# Summary Technical requirements

We will express server sizes needed in Amazon instance sizes, but you are not limited to Amazon AWS for installment.

**Better Platform (backend, storage)**

Server (size): T3 medium

Deployment: manual

Database: Postgress, Oracle, MS SQL, mySQL

**Better Platform (explorer)**

Server (size): T3 Large

Deployment: manual

**Better Pathfinder (frontend)**

Server (size): T3.xlarge

Deployment: Docker

Database: Postgress, Oracle

**Metabase (statistics)**

Server(size): small runs on docker with pathfinder

Deployment: Docker

Database: Postgress, H2

**Keycloak (user management)**

Server(size): small runs on docker with pathfinder

Deployment: docker

Database: Postgress, MariaDB, Oracle

Better Platform runs on a separate postgress database, all others on a second one. Both are sized db.T2.large.

General infrastructure for a secure environment including a Virtual Private Cloud/Network, Load balancer, Backup, DNS should be created within the datacenter/cloud but are not mentioned here specifically as they are part of any application installation.