

# IT Requirements

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## Primary Development VM

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### Resources Required

- 8GB Memory
  - This is a lot of memory however the AI package will need plenty to play with on top of the docker and possibly Kubernetes daemon that is running alongside Postgres.
- 20GB Storage

### VM Requirements

- OS: **Ubuntu 18.04**
  - An ISO mounted from a flash drive can be used
- A designated directory for long term data storage
  - This can be as simple as a directory specified for data storage.
  - If possible it should be put on an HD in RAID
- A internal Foxnet IP Address.

## Second Development VM

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### Resources Required

- 2GB Memory
- 20GB Storage

### VM Requirements

- OS: **Ubuntu 18.04**
  - An ISO mounted from a flash drive can be used
- A designated directory for long term data storage
  - This can be as simple as a directory specified for data storage.
  - If possible it should be put on an HD in RAID
- An internal Foxnet IP Address.

## Possible Cluster Requirements

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*Note: This is not needed for development but may be used for production deployment, so keep this in mind*

- Minimum of 1 available node(VM), with at least 4gb of memory.
- 1 Persistent Volume to be claimed and used by Postgres deployment.
- If need be one of the development VMs can be repurposed for use as a secondary node