# EPONS Documentation:

## Authentication

All usernames and passwords should be kept to the following standard

Usernames – root for Linux or EPONS for Windows

Passwords – Galjoen501

Strong Passwords (SQL Server/Redis) - AhrXW3cWeR

## Machines

### Live.sadfm.co.za

IP Address - 197.96.137.125

Provider - Internet Solutions

Operating System – Windows Server 2012 R2

Hardware Specifications -

CPU – 4

RAM – 16 GB

Hard Disk – 60 GB + 500 GB

Notes -

Remote Desktop Connection is using port 33890

### EPONS-SF-Cache

IP Address - 198.199.93.251

Provider – Digital Ocean

Operating System – Ubuntu 14.04.4 64x

Hardware Specifications –

CPU – 1

RAM – 512 MB

Hard Disk – 20 GB

Notes –

Redis is using port range 5612 - 5620

## Development Environments

EPONS is using a Windows Server hosted at VPS.net as their development environment.

Url – http://epons.developersworkspace.co.za

## Web Servers

EPONS is making use of Live.sadfm.co.za as their current web server. In the future we will be scaling horizontal and use Nginx as a load balancer.

## Database

EPONS is making use of Live.safm.co.za as their current database server which runs SQL Server 2014. In the future we will be separating the database and webserver.

## Caching

EPONS is making use of Redis as a cache provider on a machine hosted by Digital Ocean.

### Environment

Redis is hosted on a EPONS-SF-Cache.

### Configuration

Redis is running is a cluster configuration where there are a total of 8 instances per machine with a master/slave relationship of 1.

### Frameworks/Libraries

EPONS is using the Microsoft.Web.RedisOutputCacheProvider as an Output Cache Provider which is also recommended by Azure.