

SOA Exercise Guide - December 2018

The VM is available on a hard disk in the room, or you can get it from the net (slowly).

It is available either for VMWare (zip file) or for VirtualBox (.ova).

VirtualBox is a free download at <https://virtualbox.org>

VMWare VM: <https://s3-eu-west-1.amazonaws.com/oxsoa-2018/oxsoa-dec-2018-vmware.zip>

VirtualBox VM: <https://s3-eu-west-1.amazonaws.com/oxsoa-2018/oxsoa-dec-2018-vb.ova>

VM User/Password: *oxsoa/oxsoa*

The exercises are all in Github here: <https://freo.me/ox-soa-labs>

Exercise	Description and PDF link
1	Simple HTTP JSON Server in node.js
2	Simple HTTP JSON Client in Python
3	Creating a RESTful API in Java – framework
4	The Richardson Maturity Model – making our Java API RESTful
5	Using Swagger to describe services
6	Performance testing HTTP with wrk
7	Getting started with Docker
8	Docker packaging of your microservice
9	Event Publishing
10	gRPC
11	SSL certificates
12	OAuth2 based identities for API calls
13	API Management
14	SOAPUI
15	SOAP to REST conversion
16	Building a BPMN process