

SOA Exercise Guide - 2016

VM location:

<https://s3-eu-west-1.amazonaws.com/ox-soa2-2016/oxsoa-vm-2016-v2.zip>

U/P: oxsoa/oxsoa

Exercise	Description and PDF link	
1	Simple HTTP JSON Server in node.js	http://freo.me/1ttW4em
2	Simple HTTP JSON Client in Python	http://freo.me/1UQR8ph
3	Understanding SOAP – calling a SOAP service with SOAP UI	http://freo.me/1UQR0oh
4	Creating a SOAP service from an existing Java bean	http://freo.me/1UQRGeS
5	Generating a Java client from a WSDL	http://freo.me/1UQRaO8
6a	Creating a RESTful API in Java – framework	http://freo.me/1UQQQim
6b	The Richardson Maturity Model – making our Java API RESTful	http://freo.me/1UQSCzZ
7	Creating a Microservice – UberJAR packaging	http://freo.me/1UQRsEv
8	Getting started with Docker	http://freo.me/1UQR0pY
9	Creating a Dockerised Microservice	http://freo.me/1UQRvQU
10	Using an ESB to mediate between SOAP and REST	http://freo.me/1UQRKve
11a	Using SSL server and client certificates to secure communications	http://freo.me/1WMyN38
11b	Using OAuth2 with the WSO2 Identity Server to authenticate and authorize access	http://freo.me/1WMzgSV
12	API Management	http://freo.me/1UQSmAW
13	Building a BPMN process	http://freo.me/1UQRv3k
Bonus	Creating a RESTful data service with Express and MongoDB	http://freo.me/1UQSgth

Server	Offset	Directory	Admin Port / web
Tomcat	NA	~/servers/tomcat	http://localhost:8080
Enterprise Service Bus	1	~/servers/wso2esb-4.9.0	https://localhost:9444
API Manager	4	~/servers/wso2am-1.10.0	https://localhost:9447
DAS	5	~/servers/wso2das-3.0.1	https://localhost:9448
BPMN / Camunda	NA	~/servers/camunda/server/apache-tomcat-8.0.24	http://localhost:8080/camunda