**Exercise Guide**

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| Exercise | Description |
| 1 | Creating a RESTful Service and interacting with it |
| 2 | Calling SOAP services using SOAP UI |
| 3 | Creating a SOAP service from a Java implementation |
| 3a | Creating a WSDL and then a SOAP service from that WSDL |
| 4 | Generating a client from a WSDL |
| 5 | Using TCPMon to watch interactions |
| 6 | Creating Keystores |
| 7 | WS-Security with SOAP |
| 8 | Basic ESB mediation of REST to SOAP |
| 9 | Installing and using the Starbucks REST to SOAP mediation |
| 10 | Using a Registry |
| 11 | Building a BPEL process |
| 12 | API Management |

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| Server | Offset | Directory | Admin Port / web |
| Tomcat | NA | ~/servers/tomcat | <http://localhost:8080> |
| App Server | 0 | ~/servers/wso2as-5.2.0 | <https://localhost:9443> |
| Enterprise Service Bus | 1 | ~/servers/wso2esb-4.8.0 | <https://localhost:9444> |
| Governance Registry | 2 | ~/servers/wso2greg-4.6.0 | <https://localhost:9445> |
| Business Process Server | 3 | ~/servers/wso2bps-3.0.0 | <https://localhost:9446> |
| API Manager | 4 | ~/servers/wso2am-1.5.0 | <https://localhost:9447> |
| Business Activity Monitor | 5 | ~/servers/wso2bam-2.4.0 | <https://localhost:9448> |