

Stack Information

Name: Sock Shop
Description: A socks-selling e-commerce demo application.
Version:
Date Created: 2021-05-21T11:37:06.559
Git Commit:
Git Tag:
Git URL:
OpenShift Cluster API URL:
Created by Jenkins Job Name:
Created by Jenkins Build Number:

Configuration and Installation Testing Plan for 'Sock Shop'

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1 PURPOSE

The purpose of the Configuration and Installation Testing Plan (hereafter referred to as CIT for Installation Qualification) is to check the performance of installation activities, demonstrating that the installation performed for all system hardware, network components, system software, application software, client desktop, and associated peripherals was performed according to the System and Software Design Specifications taking into account the manufacturer and software supplier specifications. Furthermore the existence of all needed documents for the operation of the system will be checked.

For details, please see System and Software Design Specification including Source Code Review Report, referenced in the 'Reference Documents' section.

2 SCOPE

Configuration and Installation Testing for software components will be performed, based on the below components:

Component Name	Repository Type
<i>demo-app-carts</i>	ods-service
<i>demo-app-catalogue</i>	ods
<i>demo-app-front-end</i>	ods
<i>demo-app-tests</i>	ods-test

Attention: Chapters 12 and 13 of the original LeVA template do not apply, since they are not relevant if documentation is generated in an automated way.

Hardware verification is out of scope, similar runtime platform verification, because those are qualified.

||Runtime Platform||Qualification Summary Report||
|BI-IT-CONTAINER-PAAS|tbd|

3 ROLES AND RESPONSIBILITIES

Role	Responsibility
Jenkins (Technical Role)	To run the verification of the system, execute tests if applicable and collect all the needed information.
Test Administrator	In case of full automation (and no further test cases) - N/A, otherwise Test Administrators will supervise the Administrator execution of the test by the Testers and will review the test cases.
Tester	In case of full automation (and no further test cases) - N/A, otherwise Testers will execute the test cases and document the results.

4 OVERVIEW OF TECHNICAL ARCHITECTURE

This Plan considers correctly all relevant content of the System and Software Design Specification including Source Code Review Report - see section *Reference Documents*. The referenced System and Software Design Specification including Source Code Review Report is generated within the same Jenkins Build Run as this IVP/R - so consistency, and traceability is always given. The report will provide the actually referenced version.

5 TEST CASES

Automated test cases contained within the application components mentioned in the scope section were executed at this point.

Other test cases:

N/A

6 CIT DISCREPANCY REPORT

All discrepancies that occur during the CIT execution will be recorded in the respective Jenkins Build Run XML logfile. The Build Run will stop.

7 CONCLUSION

Having completed the execution of the CIT Plan of 'Sock Shop' and assessed the activities and respective outcomes, the conclusion drawn is as follows:

Complete Success - no unresolved discrepancies	It is determined that all steps of the CIT Plan have been successfully executed and signature of this report verifies that the tests have been performed according to the plan. Either no discrepancies occurred or have been directly solved.
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8 DEFINITIONS AND ABBREVIATIONS

8.1 DEFINITIONS

Term	Definition
Jenkins	Build engine supplied by cloudbees - part of OpenDevStack (BI-IT-DEVSTACK)
xUnit	Unit testing framework, aggregaults across multiple languages

8.2 ABBREVIATIONS

Abbreviation	Meaning
ODS	OpenDevStack
EDP	Enterprise Development Platform

9 REFERENCE DOCUMENTS

- System and Software Design Specification including Source Code Review Plan (version null / 2-WIP)
- Overall Development Test Report (version null / 3-WIP)
- Overall Technical Installation Report (version null / 2-WIP)

10 DOCUMENT HISTORY

Version	Date	Author	Change Reference
1	See Summary of electronic document or signature page of printout.		Initial document version.

The following table provides extra history of the document.

Version	Date	Author	Reference
	See summary of electronic document or signature page of printout.		

11 TEST CASES TEST GROUP 01 COMPONENTS

11.1 SERVER

Containers are volatile, that means the underlying platform decides depending on resource usage and consumption - where (on which server(s)) and how a container is run.

Only the TIR (that is created as part of the installation) contains the information where a pod was located at that point in time - hence we leave this information out of the CIT, which is generated at a later point in time.

11.2 VERIFICATION OF COMPUTER ROOM CONDITIONS

Containers are volatile, that means the underlying platform decides depending on resource usage and consumption - where (on which server(s)) and how a container is run.

Only the TIR (that is created as part of the installation) contains the information where a pod was located at that point in time - hence we leave this information out of the CIT, which is generated at a later point in time.

11.3 REPOSITORY TYPE

11.3.1 ODS

N/A

11.3.2 ODS-SERVICE

N/A

12 TEST CASES TEST GROUP 02 SYSTEM LEVEL

• 12.1 OPERATIONAL DOCUMENTS ON SYSTEM LEVEL

Operational documents at system level:

System level monitoring:

Config Item	Description	Items Doc Id (Plan / Report)
BI-IT-Container-PAAS	Theplatform that runs ODS based applications	<ul style="list-style-type: none">◦ Plan ID: ...◦ Release date:◦ Report ID:◦ Release date:

System level backup :

Config Item	Description	Items Doc Id (Plan / Report)
BI-IT-Container-PAAS	The platform that runs ODS based applications	<ul style="list-style-type: none">◦ Plan ID: ...◦ Release date:◦ Report ID:◦ Release date:

System level restore/recovery:

Config Item	Description	Items Doc Id (Plan / Report)
BI-IT-Container-PAAS	The platform that runs ODS based applications	<ul style="list-style-type: none">◦ Plan ID: ...◦ Release date:◦ Report ID:◦ Release date:◦

System Operational instructions:

Config Item	Description	Items Doc Id (Plan / Report)
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Configuration and Installation Testing Plan, Config Item: null
Doc ID/Version: see auto-generated cover page

BI-IT-Container-PAAS	The platform that runs ODS based applications	<ul style="list-style-type: none"> ◦ Plan ID: ... ◦ Release date: ◦ Report ID: ◦ Release date: ◦
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Service Agreement :

Config Item	Description	Items Doc Id
		<ul style="list-style-type: none"> ◦ Document ID: ... ◦ Release date:

AAP/IAP/TAP :

Config Item	Description	Items Doc Id
		<ul style="list-style-type: none"> ◦ Document ID: ... ◦ Release date:

• **12.2 CONFIGURATION DATABASE CMDB**

Configuration Data of Config Item 'Sock Shop' is correct and verified

Instructions	Expected result / Evidence	Observed result	Comments
Role assignment: Check if name of contact persons are entered to CMDBWeb: IT System Lead Validation Manager System Owner CSV&C function	Document, if a Role Assignment Log is required and available and all entries in CMDB are correct (RAL) < If no RAL is required, a rational must be provided e.g. in the Qualification Plan > < If for Infrastructure Systems we do not have a RAL available, please ensure correct entries in CMDBWeb anyway and state in Observed result >	RAL is required and available <input type="checkbox"/> Yes <input type="checkbox"/> No CMDB entries are correct <input type="checkbox"/> Yes <input type="checkbox"/> No	
Related components: Check if components are related to Environments as described in System Design Specification.	Components are related to Environments as listed in System Design Specification	CMDB entries are correct <input type="checkbox"/> Yes <input type="checkbox"/> No	
Emergency class: Check if emergency class is correctly set according to the related specification document	Emergency class per environment (env) is correctly set <enter defined class number per environment> <i>Productive env: class</i> <i>Validation env: class</i> <i>Training env: class</i>	<i>Productive env:</i> <i>Validation env:</i> <i>Training env:</i>	
GxP relevance	GxP relevance is set to 'yes'	Actual setting in CMDB:	
Support category: Check if support category is correctly set according to the related specification document	Support category per environment (env) is correctly set <enter defined category number per environment> <i>Productive env: class</i> <i>Validation env: class</i> <i>Training env: class</i>	<i>Productive env:</i> <i>Validation env:</i> <i>Training env:</i>	