

### Stack Information

Name: Project ofi2004  
Description: Description of ofi2004.  
Version:  
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Git Tag:  
Git URL:  
OpenShift Cluster API URL:  
Created by Jenkins Job Name:  
Created by Jenkins Build Number:

## Configuration and Installation Testing Plan for 'Project ofi2004'

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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>thefirst</i>	ods
<i>thesecond</i>	ods
<i>spock</i>	ods-test
<i>release</i>	ods

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.

Curabitur molestie, massa sed condimentum posuere, tellus elit ornare nibh, eget interdum orci mauris convallis libero. Sed et metus id odio pellentesque tincidunt. Aenean at iaculis felis. Phasellus et ante consequat, eleifend nibh at, porttitor orci. Pellentesque tempus nibh elementum, laoreet urna a, tempus augue. Quisque dictum, lacus mollis laoreet congue, velit leo mollis eros, vel imperdiet tortor mauris sit amet arcu. Praesent euismod imperdiet nisi sed tincidunt. Maecenas commodo faucibus massa, sit amet lobortis lectus eleifend id. Fusce dignissim, metus sed vulputate ultricies, quam nulla molestie diam, ac condimentum arcu felis vel nisl. Nunc maximus ex quis neque ultrices, elementum volutpat metus fringilla. Praesent suscipit eleifend augue, at aliquet metus finibus sit amet. Sed tristique mattis aliquet.

### 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:

Test case	SSDS Ref.	Passed (Y/N)
<i>OFI2004-139: test for RA MODIFIED</i>	<i>OFI2004-137</i>	

## **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 'Project of i2004' 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 / 4-WIP)
- Overall Development Test Report (version null / 4-WIP)
- Overall Technical Installation Report (version null / 4-WIP)

## 10 DOCUMENT HISTORY

The following table provides extra history of the document.

Version	Date	Author	Reference
	SCurabitur molestie, massa sed condimentum posuere, tellus elit ornare nibh, eget interdum orci mauris convallis libero. Sed et metus id odio pellentesque tincidunt. Aenean at iaculis felis. Phasellus et ante consequat, eleifend nibh at, porttitor orci. Pellentesque tempus nibh elementum, laoreet urna a, tempus augue. Quisque dictum, lacus mollis laoreet congue, velit leo mollis eros, vel imperdiet tortor mauris sit amet arcu. Praesent euismod imperdiet nisi sed tincidunt. Maecenas commodo faucibus massa, sit amet lobortis lectus eleifend id. Fusce dignissim, metus sed vulputate ultricies, quam nulla molestie diam, ac condimentum arcu felis vel nisl. Nunc maximus ex quis neque ultrices, elementum volutpat metus fringilla. Praesent suscipit eleifend augue, at aliquet metus finibus sit amet. Sed tristique mattis aliquet.		

## 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

Repository Type	Test case	Test steps
ods	OFI2004-139: <p>test for RA MODIFIED</p>	1 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"><li>◦ Plan ID: ...</li><li>◦ Release date:</li><li>◦ Report ID: ....</li><li>◦ Release date:</li></ul>

**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"><li>◦ Plan ID: ...</li><li>◦ Release date:</li><li>◦ Report ID: ....</li><li>◦ Release date:</li></ul>

**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"><li>◦ Plan ID: ...</li><li>◦ Release date:</li><li>◦ Report ID: ....</li><li>◦ Release date:</li><li>◦</li></ul>

**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"> <li>◦ Plan ID: ...</li> <li>◦ Release date:</li> <li>◦ Report ID: ....</li> <li>◦ Release date:</li> <li>◦</li> </ul>
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#### Service Agreement :

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

#### AAP/IAP/TAP :

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

### • 12.2 CONFIGURATION DATABASE CMDB

Configuration Data of Config Item 'Project of i2004' is correct and verified

Instructions	Expected result / Evidence	Observed result	Comments

<p><b>Role assignment:</b> Check if name of contact persons are entered to CMDBWeb: IT System Lead Validation Manager System Owner CSV&amp;C function</p>	<p>Document, if a Role Assignment Log is required and available and all entries in CMDB are correct (RAL) &lt; If no RAL is required, a rational must be provided e.g. in the Qualification Plan &gt; &lt; If for Infrastructure Systems we do not have a RAL available, please ensure correct entries in CMDBWeb anyway and state in Observed result &gt;</p>	<p>Curabitur molestie, massa sed condimentum posuere, tellus elit ornare nibh, eget interdum orci mauris convallis libero. Sed et metus id odio pellentesque tincidunt. Aenean at iaculis felis. Phasellus et ante consequat, eleifend nibh at, porttitor orci. Pellentesque tempus nibh elementum, laoreet urna a, tempus augue. Quisque dictum, lacus mollis laoreet congue, velit leo mollis eros, vel imperdiet tortor mauris sit amet arcu. Praesent euismod imperdiet nisi sed tincidunt. Maecenas commodo faucibus massa, sit amet lobortis lectus eleifend id. Fusce dignissim, metus sed vulputate ultricies, quam nulla molestie diam, ac condimentum arcu felis vel nisl. Nunc maximus ex quis neque ultrices, elementum volutpat metus fringilla. Praesent suscipit eleifend augue, at aliquet metus finibus sit amet. Sed tristique mattis aliquet.</p>	
<p><b>Related components:</b> Check if components are related to Environments as described in System Design Specification.</p>	<p>Components are related to Environments as listed in System Design Specification</p>	<p>CMDB entries are correct <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	

<b>Emergency class:</b> 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>	
<b>GxP relevance</b>	GxP relevance is set to 'yes'	Actual setting in CMDB:	
<b>Support category:</b> 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>	