

# Registry Verification and Validation Plan

## Service/Component Description

[TO BE DONE]

## Deployment scenarios

Describe the main deployment scenarios that will be used to deploy the service/component [TO BE DONE]

## Unit/Regression/Functionality tests

[TO BE ADDED]

## Integration tests

[TO BE ADDED]

## Standard Compliance/Conformance tests

[TO BE ADDED]

## Features/Scenarios to be tested

'Feature Summary' (implemented/not implemented)

Description of the feature, what it does (not how). If a script is available to test this feature, this must be stated in the title as '(implemented)'.

*Normal workflow - correct input*

Testing the feature as it should work, with correct input. Describe different inputs combinations that can be used to test this feature.

*Pass/Fail Criteria*

When this test should pass or fail

*Error workflow - erroneous input*

Testing the error codes: providing wrong input the service should return the proper error messages.

*Pass/Fail Criteria*

When this test should pass or fail

## Features not to be tested

'Feature Summary'

Description and explanation for not being included in the current test plan

## Performance tests

Describe the strategy to implement performance tests, then main system variables to control and the values to use. [TO BE DONE]

## Scalability tests

Describe the strategy to implement scalability tests, what are the variables that should be studied and the values to use. [TO BE DONE]

## Deployment tests

1. Install from the binary package unicore-registry.
2. Prepare a JKS keystore with one certificate (may be self-signed).
3. Configure the service by setting values of the properties in `/etc/unicore/registry/uas.config`:
  - ◆ `uas.targetsystem.sitename=SERVICENAME-REGISTRY`
  
1. Start service using system init script by root `/etc/init.d/unicore-registry`.
2. There should be no errors/warnings in the log files.
3. Server's process uid should be 'unicore'.
4. Perform the right modifications in `=/etc/unicore/registry/wsrf-lite.xml`
  - ◆ change registry service name:
  - ◆ `property name="unicore.wsrf-lite.baseurl"`  
`value="https://localhost:port/SERVICENAME-REGISTRY/services/"`
5. There should be no errors/warnings in the registry's log file.
6. It's possible also to do a test connecting to the registry, for example with the gateway, adding the registry uri to the `connection.properties` file
7. Check also service status with `=/etc/init.d/unicore-registry status`.
8. Eventually check for PID files.

-- ClaudioCacciari - 07-Feb-2011

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