VISHNU - UMS - Web Services Interface - Tests report

COLLABORATORS

	TITLE : VISHNU - UMS - Web Services Interface - Tests report		
ACTION	NAME	DATE	SIGNATURE
WRITTEN BY	Daouda Traoré, Eugène Pamba Capo-Chichi, Kevin Coulomb, and Ibrahima Cissé	March 24, 2011	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME
1	24/03/2011	Deliverable version	K. COULOMB

Contents

1 Acronyms

WS : Web Services

OS : Operating system

2 Environment for the WS tests

Test type	WS functional Test
Database used	PostgreSQL 8.4
JBOSS used	JBOSS Application Server v5.1.0 and JBOSS-WS CXF v3.3.1
Author of the test code	B. Isnard
Author of the report	K. COULOMB
OS used to test	Ubuntu 10.04
Cmake	V2.6
gcc	V4.3.3
DIET	V2.6.1

3 Tests methodology

The WS tests are made using **JUnit** framework. They are based on a subset of the test scenarios described in the UMS test plan (reference D2.1b). The objective of these tests is to confirm that the service is executed without exception in a normal case, and to confirm the right exception is raised in an exception case.

The tests qualified as "simple" on a given functionality of the UMS module correspond to a functional test of the main scenario without optional parameters. The tests of the optional parameters have been already done for the C++ API on which this WS interface is directly based.

4 Results

Date	Test description	Command(s) tested	JUnit Success
23/03/11	Simple connect	connect	OK
23/03/11	Simple reconnect	reconnect	OK
23/03/11	Simple add local account	addLocalAccount	OK
23/03/11	Simple list local account	listLocalAccount	OK
23/03/11	Simple update account	update local account	OK
23/03/11	Simple delete local account	deleteLocalAccount	OK
23/03/11	Simple list machine	listMachines	OK
23/03/11	Simple list history command	listHistoryCommand	OK
23/03/11	Simple list option	listOption	OK
23/03/11	Simple configure option	configureOption	OK
23/03/11	Simple list session	listSessions	OK
23/03/11	Simple change password	changePassword	OK
23/03/11	Simple close	close	OK
23/03/11	Launch twices the add local account test	Exception handling	OK: get the exception LOCALACCOUNTEX-ISTMessage: The local account already exists

| 23/03/11 | Call delete account only (account not existing before) | Exception handling | OK: get the exception UNKNOWNLOCALAC-COUNTMessage: The local is unknown |