REPUBLIC OF MACEDONIA
Ss. Cyril and Methodius University in Skopje
Faculty of Computer Science and Engineering

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Final project proposal

Type	Master
Title	***Develop interoperability cloud solutions***
Supervisor	Prof. Dr Marjan Gusev
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Department / Group	
Faculty of Computer Sciences and Engineering	
Topic(s)	
High Performance Computing – Cloud Computing	
Project can start from	01.09.2014 – 01.03.2015
Project duration	4 months
Short description	
Install and configure open source cloud, install web services and develop TOSCA specified procedures for interoperable and portable solution. The idea is to develop a sample web service, and procedure with TOSCA specification, which can easily migrate the web service from one to another cloud provider.	
Results and assessment	
The student is expected to develop a solution that will enable automatic migration of a web service on cloud providers, on IaaS and PaaS levels. Expected outcomes are prototype solution, written report and presentation.	
Other (additional) information	