MECA PROJECT
TRAINING WORKSHOP FOR TEACHERS AND ADMINISTRATORS ON THE USE OF THE SYSTEM FOR ADMINISTRATION

Saints Cyril and Methodius University of Skopje
Skopje, FYR Macedonia

Participants

See the list of participants.

Objective: To train the teachers and administrators on the use of MECA system for administration of teaching/learning processes

Target group: teachers and administrative staff from all partner institutions.

Background: knowledge and skills in electronic administration of the academic process at the university.

Learning outcomes: After the training workshop, the trainees should be able to use the system for enrolling students, organisation of on-line group sessions, of tutoring and distant support of students, evaluation and final reports.

Evaluation: Peer review and evaluation by the experts in cloud systems and academic administrative systems.
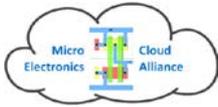
AGENDA

Monday 08, October 2018

10h00-10h15	Opening by Prof. Dr. Dimitar Tashkovski, Dean of the Faculty of Electrical Engineering and Information Technology
10h15-12h30	Training of teachers and administrative staff on the use of system for administration
12h30	Lunch
14h00-18h00	Practical training of teachers and administrative staff on the use of system for administration

Tuesday 09, October 2018

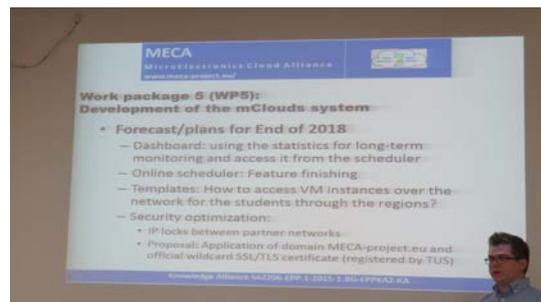| 09h00-12h30 | Training of teachers and administrative staff on the use of system for administration of the field trial |
| 12h30 | Lunch |

14h00-16h00	Practical assignment on the use of system for administration of the pilot test, statistics, survey analysis
16h00-17h00	National and regional knowledge alliances (All)
17h00-17h30	ToDo list and planning the last tasks during the project lifetime.

WP5 Development of the mCloud system

DAY 1: 8TH October
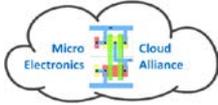
Opening by Prof. Dr. Mile Stankovski.

Training of teachers and administrative staff on the use of system for administration. Lecture by Martin Klossek on the status of mClouds in 2018.

Practical training of teachers and administrative staff on the use of system for administration.

MECA region dashboard
- visual real-time overview of resources currently in use and available in all regions
- similar to CloudStack's Dashboard view but as a summarization from all regions
- updated frequently every 5 minutes
- uses CloudStack's API (HTTPS/TLS encrypted)
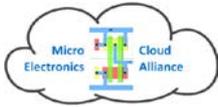- plus single resource view of each region
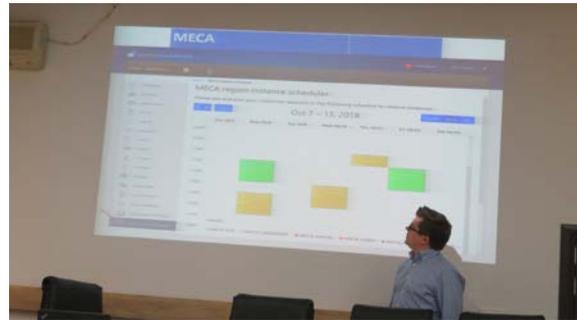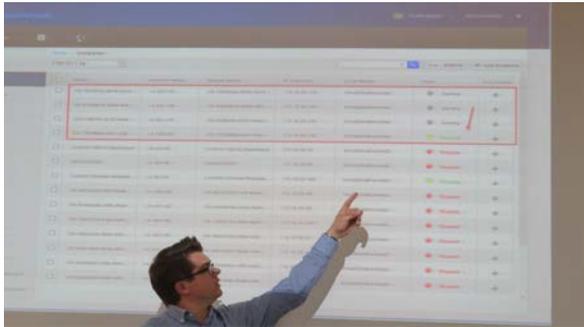
WP10 Exploitation

DAY 2: 9TH October

Training of teachers and administrative staff on the use of system for administration of the field trial.

MECA region instance scheduler concept

- Implementation of auto-provisioning logic to scale the web eLearning environment depending on the load, especially for usage peaks and for the mobility of eLearning resources.
- It should be able to host the virtual PCs with learning and laboratory software in any MECA CloudStack region.
- regionally closest to the region of the instructor / university.
- One requirement discussed among the partners in the virtual meetings is the priority of using the own hardware / region.
- This means that if a teacher in a region wants to held a planned classroom session the virtual machines should preferably be run in his own region.
- If there are no blocked resources in other regions they can be used to share resources between the partners. We can call it the "fairness condition".
- So we need a visual schedule where each teacher can reserve his own region (time slots)

Practical assignment on the use of system for administration of the pilot test, statistics, survey analysis.

Forecast/plans for End of 2018

- Dashboard: using the statistics for long-term monitoring and access it from the scheduler
- Online scheduler: Feature finishing
- Templates: How to access VM instances over the network for the students through the regions?
- Security optimizations

WP1 ToDo List

Forecast/plans for End of 2018

- Dashboard: using the statistics for long-term monitoring and access it from the scheduler
- Online scheduler: Feature finishing
- Templates: How to access VM instances over the network for the students through the regions?
- Security optimizations