

PAAS Competition

Darko Bozhinoski,
Ph.D. in Computer Science
Email: D.Bozhinoski@innopolis.ru

Which PAAS is the best?

TEAM 1: AWS (Amazon Elastic Beanstalk)

TEAM 2: Cloud Foundry

TEAM 4: Microsoft Azure

TEAM 5: Heroku



TEAM 3: Google App Engine

Create the TEAMS

Team 1 V (35 points)	Team 2 IV (focusing on the end solution). 56 points.	Team 3 III (focusing on the end solution) 56 points.	Team 4 I (good comparison) (80 points)	Team 5 II (good comparison) (72 points)
	Danila Danko	Abuzyar Tazetdinov	Ruslan Nurutdinov	daniil livitin mikhail martovitsky
Sherif N	Igor Parfenov	Maxim Ksenofontov	Vladimir Markov	Azat Bariev
Mohammad Kh	Roman Soldatov	Alexadner Kedalo	Maxim Stepanov	timur nugaev
Ksenia	Evgeny Afanasev	Danila Moriakov	Vladislav Lamzenkov	Gleb Osotov
Anton Skoptsov	Maxim Kozhinov	Ilsur Shartdinov	Dmitriy Tsaplya	Nikita M.
Roman N	Emil khabibullin	Arina Drenyassova	Dmitrii Polushin	Regina K.
	Grigorii Kostarev Amina	Nailya Valiullina	Dana Kabdulina Timur	DariyaVakhitova

What you need to do?

- You should have been already assigned to one of the teams. Each team should choose a leader. This person is responsible for synchronization and leading their team activities.
- I will separate each team in a ZOOM breakout room where each team will do their own research for 50 min. Your task is to prove that your PAAS is better. Hence, your goal during the research should be to identify in which aspects your PAAS is stronger/better than the other teams PAAS. You should do a comparison based on the comparison list in the next slide. You should also identify weaknesses in other teams PAAS.

What you need to do? (2)

- After you complete the research, we will come back to the main ZOOM room and you will start the competition. We will do this session for one hour. You will start defending your solution (discuss its strong points) and attacking other teams solutions by providing arguments (similar like in a courtroom).
- If some team has identified weakness with your PAAS, you can defend your solution by providing counter arguments. If you are unable to provide a counter argument, the other team will get a point.
- After the lab has ended, the team leader will coordinate with his team members and submit a short report based on their team research, where strong and weak points are identified. The report is mandatory and if the team does not submit a report, all team members will get 0 points.

Selecting a winner

- **WINNER:** The team with the most number of points will win the competition. The winning team will receive $n \times 10$ points, where n is the number of members.
- The second place will receive $n \times 9$ points, where n is the number of members in the team.
- The third place will receive $n \times 8$ points, where n is the number of members in the team.
- The fourth place will receive $n \times 7$ points, where n is the number of members in the team.
- The fifth place will receive $n \times 6$ points, where n is the number of members in the team.

NOTE: The team leader will coordinate with its members to assign the points to each member in his/her team. These points should be explicitly stated in the report you send.

For example, a third place team with 4 members will receive 16 points. The team might decide that one member did most of the work and that particular team member might receive 6 points, while the rest of the team (3 members) share the other 10 points. Here, the goal is to award the students that did a lot of work, even if they are not part of a winning team.

Comparison list

1/ Feature set:

- ❖ Tools (CLI, API, IDE support etc) & languages, the size of Hello-world-app,
- ❖ Data stores supported;
- ❖ IaaS management possibilities;
- ❖ maintainability + debuggability features;
- ❖ managed services;

2/ IaaS quality: (redundancy, multi-IaaS, load-balancing, Service-level agreements (SLA) guarantees;)

3/ Locality (geography)

Announcing the Winners

Team 1 V (35 points)	Team 2 IV (focusing on the end solution). 56 points.	Team 3 III (focusing on the end solution) 56 points. - equal distribution	Team 4 I (good comparison) (80 points) - equal distribution	Team 5 II (good comparison) (72 points)
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