

# Cloud Computing Applications and Services

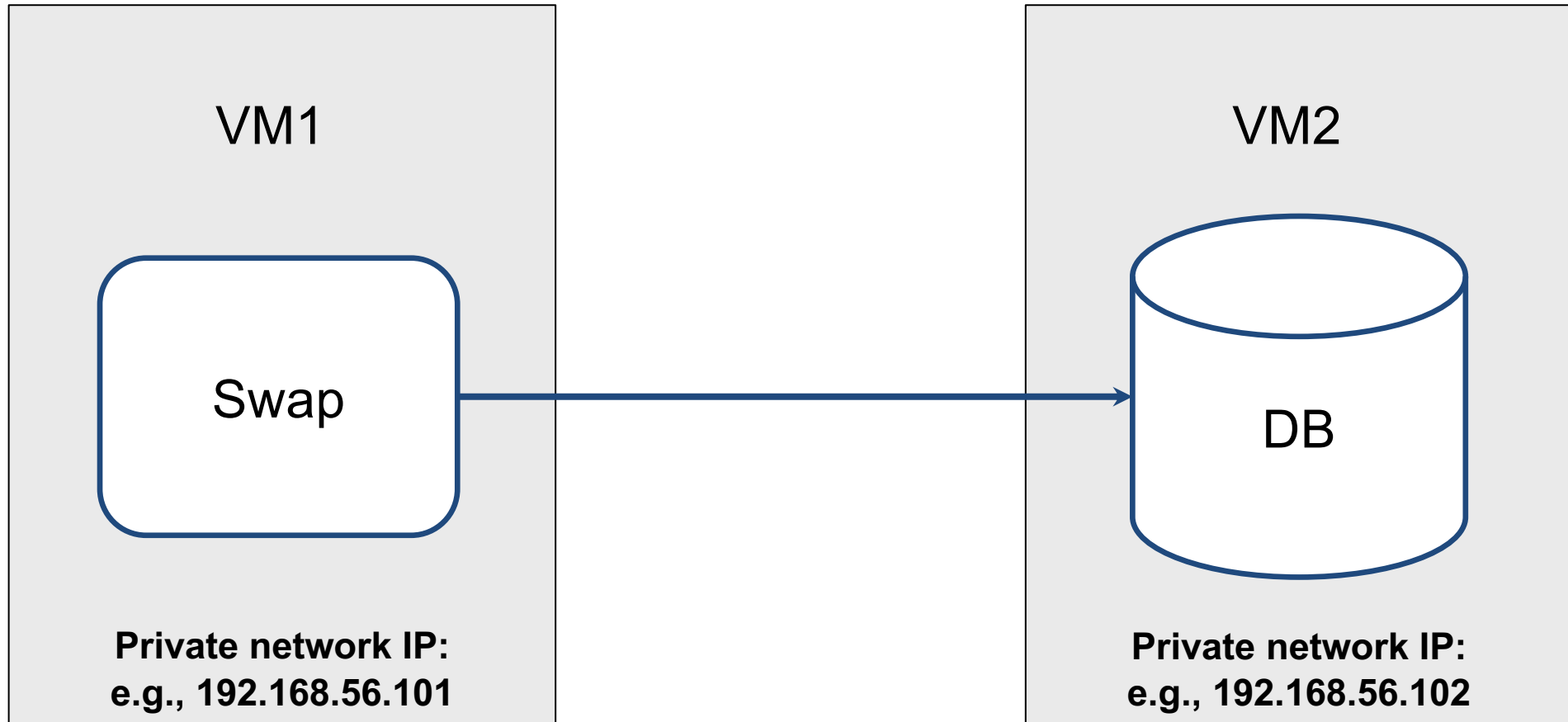
(Aplicações e Serviços de Computação em Nuvem)

## Swap

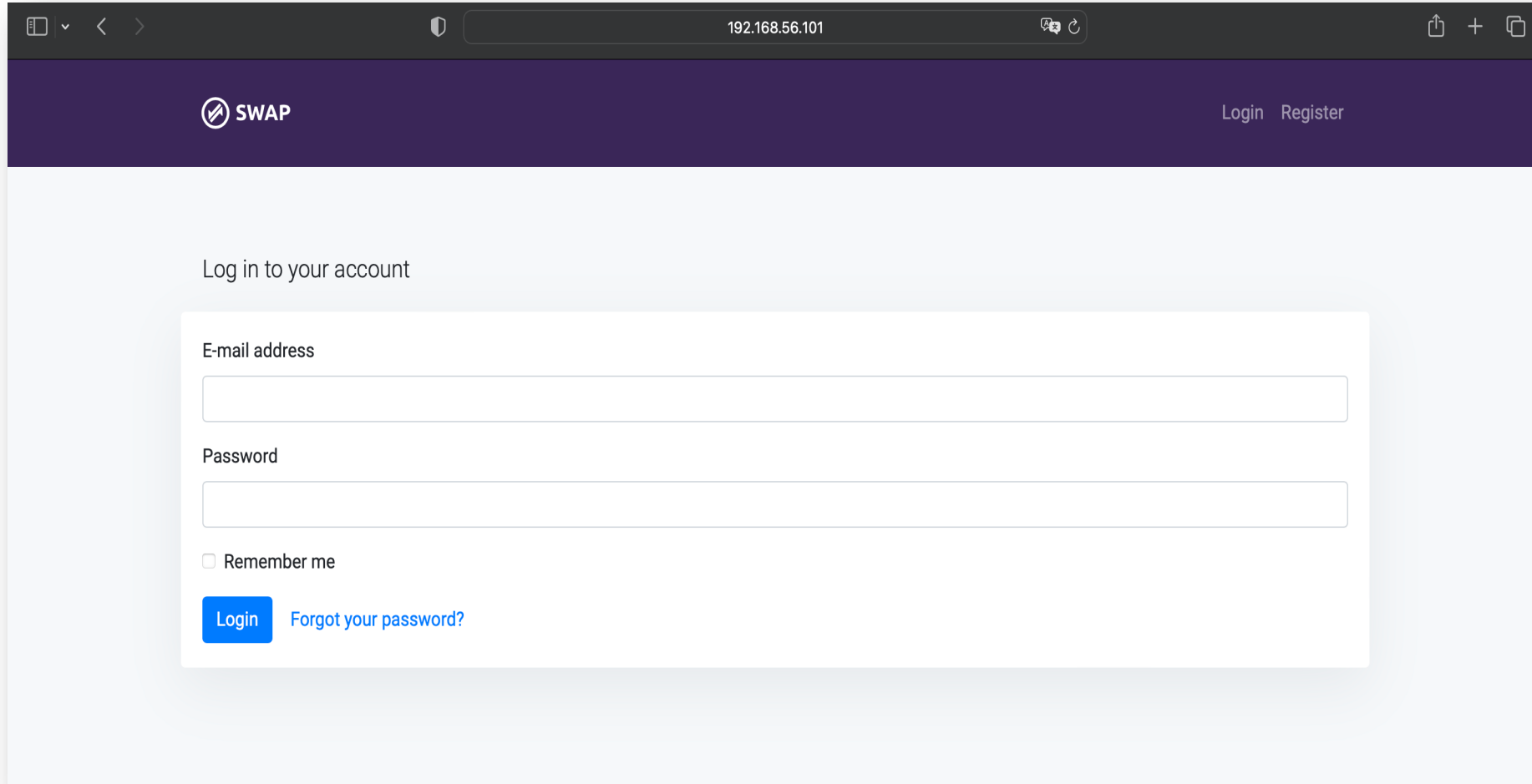
University of Minho  
2023/2024



# Swap - Basic Deployment



# Swap - Basic Usage



The screenshot shows a web browser window with the address bar displaying '192.168.56.101'. The page has a dark purple header with the 'SWAP' logo on the left and 'Login Register' links on the right. The main content area is light gray and contains the text 'Log in to your account'. Below this is a white login form with two input fields: 'E-mail address' and 'Password'. There is a 'Remember me' checkbox below the password field. At the bottom of the form are a blue 'Login' button and a blue link 'Forgot your password?'.

Log in to your account

E-mail address

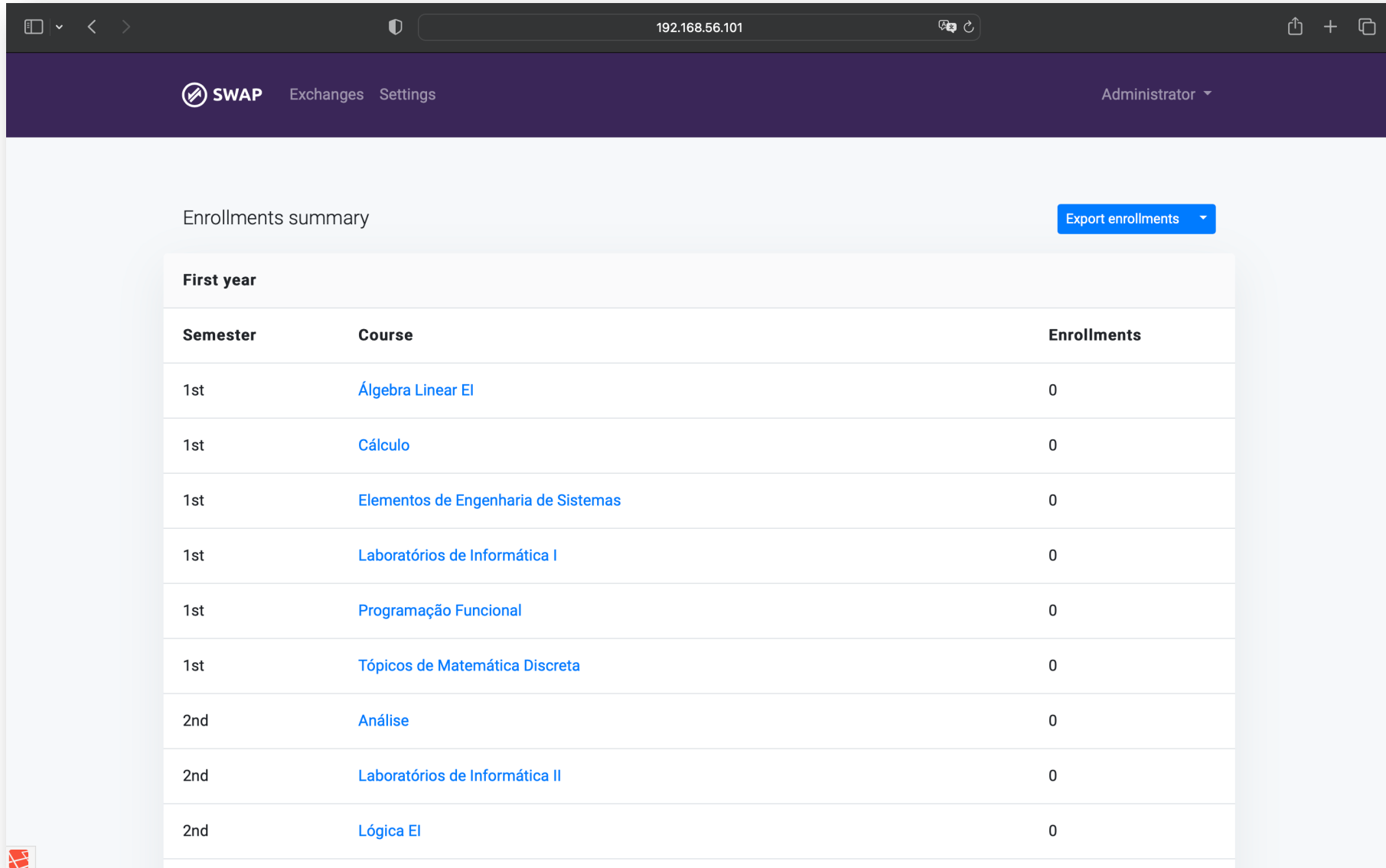
Password

☐ Remember me

Login [Forgot your password?](#)

Email address: [contact@hackathonners.org](mailto:contact@hackathonners.org)  
Password: "123456"

# Swap - Basic Usage



The screenshot displays the Swap web application interface. At the top, a dark purple header bar contains the Swap logo, navigation links for 'Exchanges' and 'Settings', and a user profile dropdown labeled 'Administrator'. Below the header, the main content area features a section titled 'Enrollments summary' with an 'Export enrollments' button. The primary data is presented in a table for the 'First year', which lists courses and their enrollment counts. The table has three columns: 'Semester', 'Course', and 'Enrollments'. The courses listed are Álgebra Linear EI, Cálculo, Elementos de Engenharia de Sistemas, Laboratórios de Informática I, Programação Funcional, Tópicos de Matemática Discreta, Análise, Laboratórios de Informática II, and Lógica EI, all with zero enrollments.

Enrollments summary			Export enrollments
First year			
Semester	Course	Enrollments	
1st	<a href="#">Álgebra Linear EI</a>	0	
1st	<a href="#">Cálculo</a>	0	
1st	<a href="#">Elementos de Engenharia de Sistemas</a>	0	
1st	<a href="#">Laboratórios de Informática I</a>	0	
1st	<a href="#">Programação Funcional</a>	0	
1st	<a href="#">Tópicos de Matemática Discreta</a>	0	
2nd	<a href="#">Análise</a>	0	
2nd	<a href="#">Laboratórios de Informática II</a>	0	
2nd	<a href="#">Lógica EI</a>	0	

# Swap – Advanced Deployment

