

LOMBA INACOMP 1.0

TINGKAT NASIONAL TAHUN 2025



UNIVERSITAS
NEGERI
JAKARTA

CISCO

NETWORKING

INACOMP



Final Round

Introduction

Network technology knowledge is becoming essential nowadays for people who want to build a successful career in any IT engineering field. This test project contains a lot of challenges from real life experience, primarily IT integration and IT outsourcing. If you are able to complete this project with a high score, you are definitely ready to service the network infrastructure for any multi-branch enterprise.

Description of project and tasks

This test project is designed using a variety of network technologies that should be familiar from the Cisco certification tracks.

Instructions to the Competitor

1. Read all tasks in each section before proceeding with any configuration. The completion of any item may require the completion of any previous or later item.
2. Save your configurations frequently; accidents do and will happen.
3. Points are awarded for working configurations only. Test the functionality of all the requirements before you submit the test project. Be careful, because as you configure one part, you may break a previous requirement or configuration.
4. Please use industrial best practice where possible!

Final Round INACOMP 1.0 BIDANG NETWORKING

In this test project, you need to solve the network & system problems. Use the below information as your guidance. Here are the tiny notes. It needs your skill to explore the existing configuration to make the network & system are serving again as expected. Engineer network & system notes:

HA ID: 1 & 2 Domain: inacomp.site Some system is the below credentials: Username: ftpinacomp, inacompuser1, inacompuser2 Password: P@ssw0rd

NB: You have 7 problems. Please, use your time wisely.

1. There is a problem with the VOICE networks. Somehow all IP Phone does not call each other it's better to check right now, what happened, and fix it.
2. Please check to make sure that only Admin-PC can connect to his switch, don't let another PC use that port.
3. Warrior of the Net can't access Public-FTP.
4. The communication between APP1 servers & APP2 servers must be encrypted (AES), some configurations were configured, but currently don't work, please complete making it work.
5. Warrior of the Net can't SSH access to the CORETR and it should always authenticate the centralized server.
6. After some system migration, currently, the MAIL Server does not work also. Please spot the server and test in the PC client.
7. There is an issue also with High Availability on NAT-Gateway. Make sure the IP address 10.200.200.254 can be used for HA.

Good Luck