



Enterprise IAM Lab

Practice questions

Candidate edition

Twenty-nine questions covering the Genbay CIAM hands-on lab. Part A checks that you can place tools and domains correctly, Part B is hands-on in the live lab, and Part C tests how the policy engine reasons. Work through them on your own before checking any answer.

How to use this workbook

1. Attempt every question **before** looking anything up — the guessing is the learning.
2. Part B is done in the lab itself; note what you actually observed, not what you expected.
3. For Part C, write ALLOW or DENY *and* the reason. The reason is the marked part.
4. Ask your instructor for the answer key, or open Chapter 6 of the online lab guide.

Part A — Concept checks

Exam-style. Place each tool and activity in the right category and Critical Risk Domain.

A1

CRD 3, 6

Which single tool is the *only* writer of the directory, and why is that rule so important?

A2

CRD 8

A scenario describes running quarterly campaigns where managers confirm their team’s access is still appropriate. Which tool category and CRD?

A3

CRD 6, 10

The Portal never stores a password. When a user visits it, how do they prove who they are, and what token / protocol is involved?

A4

CRD 5, 6

Explain the difference between OPA and the Golonex Portal in one sentence each.

A5 CRD 6, 7

The lab has two PAM-style tools. Name them and give one thing that distinguishes them.

A6 CRD 7

In the capstone, a terminated employee's login attempt triggers a SIEM alert. What is the underlying technical signal, and why does it occur?

A7 CRD 1, 2

Which two Critical Risk Domains does this lab *not* perform hands-on, and why is that reasonable?

Part B — Hands-on exercises

Before you start

Seeded users (password `Welcome2026!`): `bob.builder` (IT), `carol.chen` (Finance manager / approver), `dave.dixon` (HR), `erin.evans` (AP clerk). Every solution below was run in the live lab.

B1 JOINER · CRD 3, 5

Onboard a new employee — **Priya Patel**, department **IT**, "Service Desk Analyst" — from the HR feed, and prove she can log in. What access does she get automatically, and why?

B2 REQUEST & APPROVAL · CRD 4

Grant Priya the **HR Staff** entitlement through the proper request path. Does it take effect immediately? Who must act?

B3 SEGREGATION OF DUTIES · CRD 5, 6

erin.evans is an AP clerk. Try to *also* grant her the AP Approver role. What happens, and what is she left holding?

B4 MOVER · CRD 3

Move a Finance AP clerk to the IT department in HR and re-run the import. What happens to their Finance entitlement, and why?

B5 RECONCILIATION · CRD 9

Run a directory reconciliation. One account is flagged as *unmatched*. Which one, and what makes it an orphan?

B6 LEAVER + SOC · CRD 3, 6, 7

Off-board Priya (set status *terminated*, re-run import). Confirm she can no longer log in. Then attempt her old credentials and find the SIEM alert. What severity and message?

B7 PRIVILEGED ACCESS · CRD 6, 7

Open a privileged session to a server through Teleport (or Guacamole), run a command, then locate the recording. What did you have to provide that a normal login does not require?

Part C — Authorization challenges (OPA)

For each case, decide **ALLOW** or **DENY** — and why. The policy: everyone may view home; HR actions need **hr-staff**; invoice creation needs **finance-ap-clerk**; payment approval needs **finance-ap-approver**, and **above 50,000** also needs **access-approvers**; admin needs **it-admins**; and holding *both* finance roles is a segregation-of-duties violation that denies all finance actions. All fifteen answers were validated against the live policy engine.

#	GROUPS THE USER HOLDS	ACTION (AMOUNT)	ALLOW / DENY	BECAUSE...
C1	app-users	home.view	.....	.....
C2	hr-staff	hris.edit	.....	.....
C3	hr-staff	admin.view	.....	.....
C4	finance-ap-clerk	invoice.create	.....	.....
C5	finance-ap-clerk	payment.approve (100)	.....	.....
C6	finance-ap-approver	payment.approve (5,000)	.....	.....
C7	finance-ap-approver	payment.approve (75,000)	.....	.....

#	GROUPS THE USER HOLDS	ACTION (AMOUNT)	ALLOW / DENY	BECAUSE...
C8	finance-ap-approver , access-approvers	payment.approve (75,000)	.....	.....
C9	finance-ap-clerk , finance-ap-approver	invoice.create	.....	.....
C10	it-admins	admin.view	.....	.....
C11	finance-ap-approver	payment.approve (exactly 50,000)	.....	.....
C12	finance-ap-approver	payment.approve (50,001)	.....	.....
C13	(none)	home.view	.....	.....
C14	finance-ap-clerk , finance-ap-approver	finance.view	.....	.....
C15	app-users	invoice.create	.....	.....

Ready

Place every tool in its CRD (Part A), drive the lifecycle by hand (Part B), and predict the policy engine (Part C), and you have operated a complete IAM program — exactly what the CIAM exam tests.

Golonex is a fictional company used for this lab; all identities and data are synthetic. Tool names belong to their respective open-source projects.