

LangChain Certified Agent Engineer

Exam guide: format, rules, and what each section covers.

ARRIVE EARLY

Please join your exam session **at least 15 minutes before** your scheduled start time. This window is used for ID check, room scan, and system verification with your proctor.

If you join **more than 10 minutes after** your scheduled start time you will be marked as a **no-show** and will need to reschedule the exam at full cost.

This is a **2-hour exam** taken solo and proctored, with a dedicated LangSmith organization provisioned for you. It is structured around the **Agent Development Lifecycle (ADLC)**. The exam is semi-open-book: you may consult a small set of LangChain-owned resources, but no general search, AI assistants, or second screens.

Exam-day logistics

- You will receive **two invites** in relation to this exam. The first will be an invite to take the test itself in a proctored environment, accompanied by a calendar invite for your scheduled slot.
- The second will be an email invite to a dedicated **LangSmith organization**, sent roughly **two hours before** your scheduled start time. This org is used to answer several of the questions on the exam.
- If you have not received **either invite** by **two hours before** your start time, contact certification-support@langchain.dev for assistance.
- If, when you accept the LangSmith invite, you see an error such as *"the invite is no longer available"*, you are likely still logged into a LangSmith org that uses **SSO**. Log out of that org first, then accept the invite by signing in with **email or Google** rather than SSO.

Resources you may & may not use

ALLOWED (WHITELISTED)

- smith.langchain.com (LangSmith)
- docs.langchain.com (Docs)
- academy.langchain.com (Academy)

NOT ALLOWED

- Google search or any other web search
- AI tools (ChatGPT, Claude Code, etc.)
- Browser agents or automation
- Second screens (monitors or phones)
- Any outside communication

STRONGLY RECOMMENDED

Watch the LangChain Academy courses listed on the next page **before** sitting the exam. The time pressure during the two hours is not designed to accommodate first-time viewing of these resources. Treat them as prerequisites, not references.

BEFORE YOU START

Close every tab except the three whitelisted domains. Disconnect second monitors and put your phone out of reach. Have a glass of water nearby; two hours is a long sit.

Section Breakdown

What each section covers, recommended courses, and areas worth focusing on.

1 · Build

10 questions · 25% of score

Designing agents with `create_agent` and `deepagents`, and shaping the context they operate in.

COURSES [LangChain Foundations](#) · [Deep Agents Foundations](#)

FOCUS AREAS

- Differences between `create_agent` and `deepagents`.
- Middleware.
- Context engineering for long-running agents.
- `AGENTS.md` and `SKILL.md`.
- Sandboxing.

2 · Test

10 questions · 25% of score

Choosing the right evaluator, running experiments, and reading results without overfitting to noise.

COURSE [Building Reliable Agents](#)

FOCUS AREAS

- Code-based evaluators vs. LLM-as-judge.
- Online vs. offline evaluators.
- Running and interpreting experiments.
- Evaluator alignment.
- Adding examples to a dataset.

3 · Deploy

10 questions · 25% of score

Shipping agents to LangSmith Deployment with the right primitives, isolation, and auth model.

COURSE [LangSmith Deployment Foundations](#)

FOCUS AREAS

- Deployment terminology: `graph`, `deployment`, `revision`, `assistant`, `thread`, `run`.
- Multi-region serving.
- Secret handling.
- Authentication vs. authorization.
- Storage durability.

4 · Monitor

10 questions · 25% of score

Reading traces, attributing cost, and using Insights / Online Evals / Alerts in production.

COURSE [Monitoring Production Agents](#)

FOCUS AREAS

- Reading traces.
- Grouping traces into threads.
- Tracking costs and user sentiment.
- Online Evals vs. Insights.
- Alerting.

Exam requirements

Please read carefully. The rules below govern your session.

IMPORTANT

Failure to meet the requirements below may result in your session being cancelled and require you to reschedule the exam at full cost. For any questions or concerns, reach out to certification-support@langchain.dev before your scheduled slot.

Live proctoring

This is a live proctored exam. Your proctor has real-time access to your webcam, your second-device camera (mobile phone environment cam), and a share of your primary screen.

Your proctor is reachable at all times via chat and call. Listen to and follow all of their instructions. Failure to do so may result in your exam being forfeited.

Room & environment

- A **table and chair** are mandatory. Beds and couches are not permitted.
- You will be required to complete a full **360° room scan** using your primary device (laptop or monitor). Laptops make this straightforward; monitor users should use a detachable webcam to complete the scan.
- Confirm your **network connection** is stable before starting. Sessions terminated due to a candidate-side connection issue are not eligible for a refund.
- Verify your machine meets the **system requirements** published by our exam vendor: [Talview pre-requisites for online tests](#).

Identification

You must present ID with a first and last name matching your sign-up. Accepted forms:

- Passport
- Driver's licence
- Work ID
- National ID

Devices

No extra devices (watches, phones, second monitors, headphones) may be within 2m of you, except:

- One laptop or monitor for taking the exam.
- One phone acting as a second/environment camera.
- Auditory or visual assistance devices required for accessibility.

Materials

No notes or scrap paper are permitted at any time during the exam.

Breaks

Breaks are not permitted. If extenuating circumstances require you to step away:

- Inform your proctor before leaving.
- The exam clock will not be paused.
- The incident will be flagged for the LangChain team to review.

ACCOMMODATIONS

Need accommodations not listed above? Reach out to certification-support@langchain.dev before scheduling your exam.