No Proctoring
(with Candidate Authentication)

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No Proctoring

- Anytime, anywhere testing
- Accessibility to internet and resources not an issue
- Exam could still be timed

Issue: Can we be assured of the test-taker's identity?

Knowledge-based Authentication

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Dynamic

- Higher-level of authentication
- No "data" provided by individual
- Uses public databases or proprietary data
- Generates real-time questions

Potential Use of Authentication

- Have question appear at beginning/end of sections.

- Set so that candidate has 30 seconds or less to answer.

- Based on the number of questions answered correctly, ABP can approve or ask additional questions for assurance.

- Can also have a secondary method, such as code to unlock exam, sent to phone.

Suppose a Security Question is Missed

- Scan driver license
- Take picture with smart phone
- Facial comparison to get face match confidence rating
- ABP decides on rating to approve

Document Validation **+** Face Matching → Additional Assurance

Advantages

- Anytime/anywhere convenience
- Only requirement is access to internet.
- Fewer potential technical issues than online proctoring since there is no software to download, no camera, microphone, etc.
- Delivery cost is less than both online proctoring and test center

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Disadvantages

- Not foolproof (eg, sitting next to proxy tester)
- Potential disruption to examinee during testing
- Potential lack of public accountability
- May not qualify for substitute for SPEX for re-entry requirement

Other Considerations

- Items have to be assumed compromised
  - Can't control for video cameras in room, image captures of screens
- Multi-layered approach provides greater security
  - Could involve more technology (eg, scanning of ID, smartphones)
- New, not yet researched territory for testing

Sample Security Questions

- Which of these people do you know?

- Which of the following is a past address?

- Which of the following is a street near the *<<address>>* where you once lived?

- Which of the following is a past phone number of yours?

Summary

- As with the testing center and online proctoring, no proctoring this option has pros and cons.

- Ultimately, need to decide the purpose of the exam.

- Delivery of the exam needs to fit the purpose.