

AEXOD

Advanced Exam Over Drive-Scalable Exam Engine



Advanced Exam Over Drive (AEXOD)* is an examination product suite built in-house to conduct different types of examination by configuring the system as per customer requirement.

AEXOD system can be setup in a decentralized environment by splitting the Master setup (Data Center / Cloud) into multiple Slave setups (Test Venues). In Decentralized setup, internet dependency at the Test venue will be only at the beginning of the exam to receive split database, for question bank push before start of the batch and after stop batch to push result data back to the Master server. Hence, during the course of the exam, the primary server can be disconnected from internet, whereas the server can be connected via VPN for near real time dashboard.

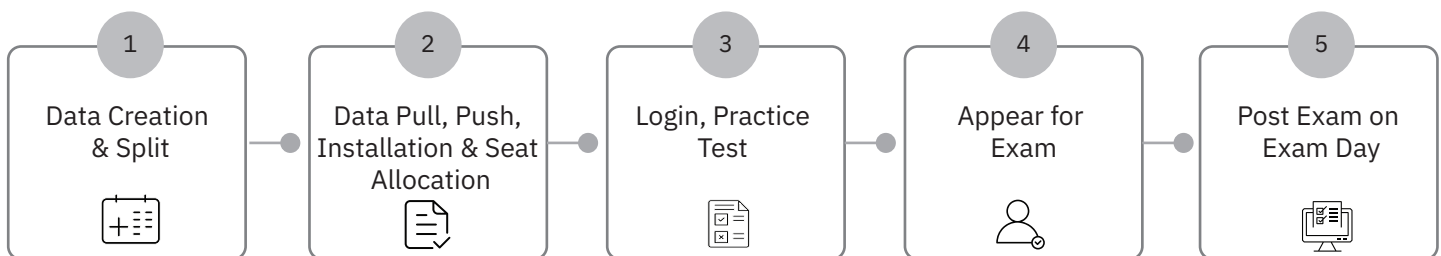
Key Features

- Test Venue has primary & secondary server for data replication & redundancy.
- White labelled with client logo and name.
- Supports different types of questions like, MCQ, Numeric, Case Study, Multiple Response, etc.
- Question paper encryption at rest and in transit.
- Supports multiple exam patterns like Optional Section, Optional Question and Multiple Module.
- Horizontal scalability for conducting large volume exam by adding test venues.
- Near real time reporting of activities at individual node via Dashboard.
- Auto seat allocation of candidates at test venue.
- Bio-metric (photo & fingerprint) capture & verification.

Benefits

- ✓ Scalable Exam Engine through which more than 1 lakh candidate exams can be conducted in single batch.
- ✓ Exams can be simultaneously conducted for different modules / posts / course.
- ✓ Real time randomization of questions and options without any human intervention.
- ✓ Question and options are encrypted while at rest and in transit.
- ✓ Options selected by candidate while appearing for the test are also encrypted to prevent any result leak.
- ✓ Auto evaluation by system for real time score display or if real time is not required then lesser TAT for result declaration as evaluation is automated.
- ✓ Near real time monitoring of exam from centralized command center for exams being conducted across nation and at international locations

Process Flow



Long Term Focus

1. Introduction of new question type like Alphanumeric, voice based question.
2. Enhancing security with real time response and candidate behaviour analysis for catching fraud practices.
3. Introducing new examination techniques like psychometric test and adaptive testing.
4. Reducing time in setting up external test venues with minimal hardware requirements.

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