

# Associate Reactive Developer Certification

## Requirements

There are no certification requirements to attempt the Associate Reactive Developer certification.

## Exam

<b>Format:</b>	<b>Multiple choice</b>
<b>Number of questions:</b>	<b>50</b>
<b>Passing score:</b>	<b>70% (35/50)</b>
<b>Exam duration:</b>	<b>2 hours (if needed)</b>

The exam focuses on practical knowledge and scenarios that validate your knowledge and professional experience. Each question has only one correct answer, and incorrect answers do not affect your score.

The exam is available online, which means you can take the exam at your own convenience and without traveling. The exams are proctored by a third party, which ensures the integrity of your physical and virtual environments and monitors the exam to guarantee the fair and honest completion of the exam.

## Exam Topics

The Associate Reactive Developer Exam focuses on the fundamentals of OutSystems reactive application development, common to reactive web and mobile applications, such as data modeling, UI development, logic, screen lifecycle and modular architecture. The following table has the topics breakdown and the respective weights.

Categories & Topics	# of Questions	% of score
<b>Reactive Apps in OutSystems</b>	<b>7</b>	<b>14%</b>
Client Variables / Site Properties	2	4%
Screen Lifecycle	3	6%
Debugging and Monitoring	2	4%
<b>Data Modeling</b>	<b>6</b>	<b>12%</b>
Entities & Data Types	4	8%
Data Relationships	2	4%
<b>Fetching Data</b>	<b>10</b>	<b>20%</b>
Aggregates	6	12%
Fetching Data on Screens	4	8%
<b>Logic</b>	<b>11</b>	<b>22%</b>
Client and Server Actions	2	4%
Form Validations	4	8%
Logic Flows & Exception Handling	5	10%
<b>UI Design</b>	<b>12</b>	<b>24%</b>
Screen Widgets	8	16%
Blocks and Events	4	8%
<b>Architecture &amp; Security</b>	<b>4</b>	<b>8%</b>
Modular Dependencies	2	4%
Role-based Security	2	4%

## Preparation

The best way to prepare for the Associate Reactive Web Developer exam is to attend the [Reactive Developer Boot Camp](#) or take the [online guided path](#). We also encourage you to study the topics listed in the **online resources** section.

### Related classroom boot camp

The [Reactive Developer Boot Camp](#) includes the Associate Reactive Developer Certification exam for no charge. Registering for the boot camp automatically registers you for this exam as well. The Associate Reactive Developer exam can be taken after the boot camp is completed.

### Online resources

We encourage you to review the following online resources which include courses (or specific units), the online documentation, and technical notes.

- Reactive Development
  - [Becoming a Reactive Web Developer](#)
- Documentation for additional information (Web Development only)
  - [Use Data](#)
  - [Design UI](#)
  - [Implement Application Logic](#)
  - [Logic](#)

## Registration

Registration for the exam is available in the OutSystems Certification page:  
<https://www.outsystems.com/learn/certifications/>

Find the exam on the page and click on the Pre-register button. Then, fill the Form with your data and follow the steps to register for the exam.

## Exam Fee

You agree to pay the exam fee specified during the registration process. Payment instructions will be sent to you after the registration process is completed. You will not receive your exam results until your payment is received.

## No shows

If you fail to take your exam before the same gets expired, you will still be charged for your exam.

## Certification Version

**Your certification is associated with a specific version of OutSystems.** For example, you can receive the Associate Reactive Web Developer Certification for OutSystems 11.

Certifications will be associated with major release versions. If you want to be certified on the latest version, you must pass the exam for that version.

## Good luck on your exam!