

# SI Architect Certification Program (20 hours)

This on-demand certification will enable graduates to identify where MongoDB applies and why use it within an architecture and how MongoDB works within a given ecosystem.

Steps	Participant Action Items	Suggested Time
Enablement with Solution Architect	<ul style="list-style-type: none"> <li>Request for the session</li> <li>Attend the session</li> </ul>	1 hour
Modernization	<a href="#">Modernization Keynote</a>	30 min
MongoDB Technology	<a href="#">M001 – MongoDB Basics class</a> * registration instructions below.	3 hour
	<a href="#">Aggregation pipeline</a>	1 hour
	<a href="#">Data modelling</a>	1 hour
	<a href="#">Indexes</a>	30 min
	Study <a href="#">documentation</a> and read front page for each topic below for awareness: BI connector, Charts, Open Service Broker, k8s Operator, Kafka connector, preferred driver/s Peruse for awareness other sections in server documents, like transactions, change streams, sharding, replication, security, storage.	1 hour



Steps	Participant Action Items	Suggested Time
MongoDB Technology (Continued)	<b>Learn about Atlas</b> <ul style="list-style-type: none"> <li>• Read the <a href="#">product page</a></li> <li>• Get familiar with <a href="#">documentation</a></li> </ul>	1 hour
Competitive	<a href="#">Oracle</a> , <a href="#">Postgres</a> , <a href="#">CosmosDB</a> and <a href="#">DocumentDB</a> , <a href="#">DynamoDB</a>	1 hour
Modernization Toolkit	<b>Download and learn the Modernization Toolkit</b> <ul style="list-style-type: none"> <li>• Know how to score the need to modernize an application</li> <li>• Study the best practices whitepaper for how to migrate from an RDBMS</li> <li>• Read about the partnership with each <a href="#">technology partners</a></li> </ul>	1 hour
Top Use Cases	Read about each of the <a href="#">use cases</a> in the boxes on MongoDB.com	1 hour
	<b>Mainframe offload</b> <ul style="list-style-type: none"> <li>• Read the <a href="#">whitepaper</a></li> <li>• <a href="#">Case study</a></li> </ul>	1 hour
	<b>Single View</b> <ul style="list-style-type: none"> <li>• Read the <a href="#">solutions page</a></li> <li>• <a href="#">Case study</a></li> </ul>	30 min



Steps	Participant Action Items	Suggested Time
Top Use Cases (Continued)	<b>Legacy modernization</b> <ul style="list-style-type: none"> <li>• Read the <a href="#">solutions page</a></li> <li>• <a href="#">Case study</a></li> </ul>	30 min
	<b>Event-driven architecture</b> <ul style="list-style-type: none"> <li>• Watch <a href="#">solution overview</a></li> </ul>	30 min
	<a href="#">Vertical use cases</a>	1 hour
MongoDB Data Platform	<b>Realm</b> <ul style="list-style-type: none"> <li>• Read through the <a href="#">Realm, Sync, and App Dev (functions/Graph QL/more)</a></li> <li>• Read the <a href="#">documentation</a> – Get Started and Tutorial sections</li> <li>• Watch <a href="#">Realm Sync Demo</a></li> </ul>	1 hour
	<a href="#">Atlas data lake</a>	30 min
	<a href="#">Atlas search</a>	30 min



Steps	Participant Action Items	Suggested Time
Final Presentation	<p>Select a real world customer project / use case where the customer needs to assess how to migrate to cloud. If you do not have one, you can make it up.</p> <p>Use the Modernization Score Card and run it against the project and applications that need to be migrated. Focus on the applications that should be modernized vs lift and shifted</p> <p>Create a PowerPoint and / or video of a technical solution where the target audience is the end customer.</p> <p>The goal is to present the benefit of modernizing on MongoDB when migrating to the cloud.</p>	2 hours

The following material is merely recommended as useful material which is not required for certification, but most solution architects will find very useful for knowing how to apply MongoDB better while in the field. We recommend to take a menu based approach.

Optional Courses and Materials
<a href="#">Why MongoDB for Modernization webinar</a>
<a href="#">Watch MongoDB modernization new features</a>
<a href="#">Atlas TCO and Sizing</a>



## Optional Courses and Materials

M320 - Data modelling

M103 - Basic Cluster Admin

M201 - Performance

M220J - MongoDB for Java associates

M200JS - MongoDB for JavaScript associates

M200N - MongoDB for .NET associates

M200P - MongoDB for Python associates

A300 - Atlas Security



# Get registered for MongoDB University, for free, as part of the program!

## STEP 1: Register / Log In

- Create your MongoDB University login: <https://university.mongodb.com/signup>
- You must enter your valid company email address.

## STEP 2: Click the License Link

To activate your Training, click the below license URL:

<https://university.mongodb.com/license/activate?key=90c3ad90-7770-4bc0-a3f2-9c40baae384a>

## STEP 3: Enroll in Courses

- Go to MongoDB University and click on All Courses from the top navigation bar.
- Find a course you would like to take.
- Click the course title and then the “Enroll” button.
- You are now ready to dive into your courses!

