

OUR LEARNING EXCLUSIVE

- Custom exam prep software and materials
- Exam delivery in the classroom, with a **98% success rate**
- Course-specific thinQtank® Learning publications to keep the learning engaging
- Extended hours of training, including immersive hands-on exercises
- **We do not teach the test.** We always deliver valuable hands-on experience
- All reading material and study guides sent to you when you register
- Every course taught by certified instructors

TRAINING CAMP FORMAT

thinQtank® Learning delivers this course as an **instructor-led training camp**, with the exam sat in the classroom as part of the camp. Camps are scheduled by cohort rather than to a fixed calendar, and the balance of lecture and lab work is set to suit the group and the delivery method. Contact us for the schedule covering your dates.

PREREQUISITES

- **This is not an entry-level course.** Microsoft expects working experience building database solutions with Azure SQL services and SQL Server
- Hands-on with Azure SQL Database, SQL Managed Instance and SQL Server on Azure virtual machines
- Working Transact-SQL, and comfort with the administrative tools
- Experience deploying and managing Azure resources
- **AZ-900 and DP-900 are the natural groundwork** if either the Azure or the data half is new to you

EXAM

DP-300 — awards Microsoft Certified: Azure Database Administrator Associate

One hundred minutes. Passing score **700 on a scale of 1 to 1,000**. Microsoft does not publish a question count, so we do not quote one.

Skills measured, as Microsoft weights them — in ranges, not fixed percentages.

Implement a secure environment **20-25%**

Monitor, configure and optimize **20-25%**

High availability and disaster recovery **20-25%**

Plan and implement data platform resources **15-20%**

Automation of tasks **15-20%**

Last revised 24 April 2026, and this course is built on that revision.

Twelve months, then a free renewal. DP-300 is role-based, so it expires after a year and is renewed at no cost by passing an online assessment on Microsoft Learn. Note the contrast with DP-900 and AZ-900, which are fundamentals certifications and do not expire at all.

COURSE OVERVIEW

thinQtank® Learning offers an industry-unique training camp in which students earn the **Microsoft Certified: Azure Database Administrator Associate** certification. As with all our Microsoft training experiences, the exam is delivered in the classroom.

DP-300 is the database administrator's certification for a platform that is now part cloud, part on-premises and part neither. Planning and deploying Azure SQL, securing it, monitoring and tuning it, automating the work that should not be done by hand, and building the high availability and disaster recovery that decides whether an outage is an incident or a catastrophe.

It assumes you already administer databases. The **voucher is available** at \$165 USD.

COURSE OBJECTIVES

Primary course objectives:

- Plan and deploy Azure SQL solutions across platform and infrastructure services
- Configure database resources for scale and performance
- Plan and implement a migration strategy from SQL Server on-premises
- Configure database authentication and authorization
- Implement security for data at rest and data in transit
- Implement compliance controls for sensitive data
- Monitor resource activity and database performance
- Monitor and optimize query performance using execution plans
- Configure database solutions for optimal performance
- Create and manage SQL Server Agent jobs
- Automate the deployment of database resources
- Create and manage database tasks in Azure
- Plan a high availability and disaster recovery strategy to stated objectives
- Plan and perform backup and restore of a database
- Configure high availability and disaster recovery for database solutions

WHAT YOU WILL BE ABLE TO DO

- Choose between Azure SQL Database, Managed Instance and SQL on a virtual machine, and defend it
- Secure a database properly — authentication, encryption and sensitive data
- Find why a query is slow, and fix it rather than throwing hardware at it
- Design and test a recovery plan before you need it

DELIVERY METHODS

- Instructor-led training
- Immersive live-online training
- On-site and custom delivery

EXCLUSIVE LEARNING PACKAGE

- Hands-on labs against live Azure SQL Database and SQL Managed Instance
- Query tuning exercises with real execution plans
- Backup, restore and failover drills that you actually run
- Migration walk-throughs from on-premises SQL Server
- DP-300 video course
- DP-300 reading plan and review guide
- DP-300 certification practice exam

TARGET AUDIENCE

- Database administrators taking an on-premises estate into Azure
- SQL Server professionals whose platform has become a mix of cloud and hybrid
- Data platform engineers responsible for performance, backup and recovery
- Data architects who must design what someone else will then administer
- Application developers whose work now lands on them at three in the morning

COURSE MODULES

01 Plan and Implement Data Platform Resources — 15-20%

- Topic A: Planning and deploying Azure SQL solutions
- Topic B: Choosing between Database, Managed Instance and SQL on a virtual machine
- Topic C: Configuring resources for scale and performance
- Topic D: Service tiers, sizing and what each one costs you
- Topic E: Planning and implementing a migration strategy

02 Implement a Secure Environment — 20-25%

- Topic A: Database authentication and authorization
- Topic B: Microsoft Entra ID and least privilege for databases
- Topic C: Security for data at rest: encryption and key management
- Topic D: Security for data in transit
- Topic E: Compliance controls for sensitive data, classification and masking

03 Monitor, Configure and Optimize — 20-25%

- Topic A: Monitoring resource activity and performance
- Topic B: Reading an execution plan, and what it is telling you
- Topic C: Query performance optimization and indexing
- Topic D: Configuring databases and servers for optimal performance
- Topic E: Evaluating whether a change actually helped

04 Configure and Manage Automation of Tasks — 15-20%

- Topic A: Creating and managing SQL Server Agent jobs
- Topic B: Alerts, operators and notification that gets seen
- Topic C: Automating deployment of database resources
- Topic D: Managing platform-service tasks in Azure
- Topic E: What should never be done by hand twice

05 High Availability and Disaster Recovery — 20-25%

- Topic A: Recovery objectives, and designing to them honestly
- Topic B: Backup strategy, and testing a restore
- Topic C: Failover groups, geo-replication and availability groups
- Topic D: High availability for platform and infrastructure services
- Topic E: Running a failover before the day you need one

TERMS

© 2026 thinQtank® Global, Inc. All rights reserved. The product or learning materials are protected by U.S. and intellectual property laws. thinQtank Global, thinQtank Learning and the Q-Man logo are registered trademarks of thinQtank Global, Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies.

thinQtank Global, Inc. warrants that it will perform these training services in a reasonable manner using generally accepted industry standards and practices. THE EXPRESS WARRANTY SET FORTH IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE SERVICES AND DELIVERABLES PROVIDED BY THINQTANK GLOBAL, INC., OR AS TO THE RESULTS WHICH MAY BE OBTAINED THEREFROM. THINQTANK GLOBAL, INC. WILL NOT BE LIABLE FOR ANY THIRD-PARTY SERVICES OR PRODUCTS IDENTIFIED OR REFERRED TO CUSTOMER. All materials provided in this training are copyrighted by thinQtank Global, Inc. ("Learning Materials"). thinQtank Global, Inc. grants the customer of this learning a license to use Learning Materials strictly for the purpose of facilitating such company's internal understanding, utilization and operation of the technology covered herein. Except as set forth expressly in the sentence above, there is no transfer of any intellectual property rights or any other license granted under the terms of this training.