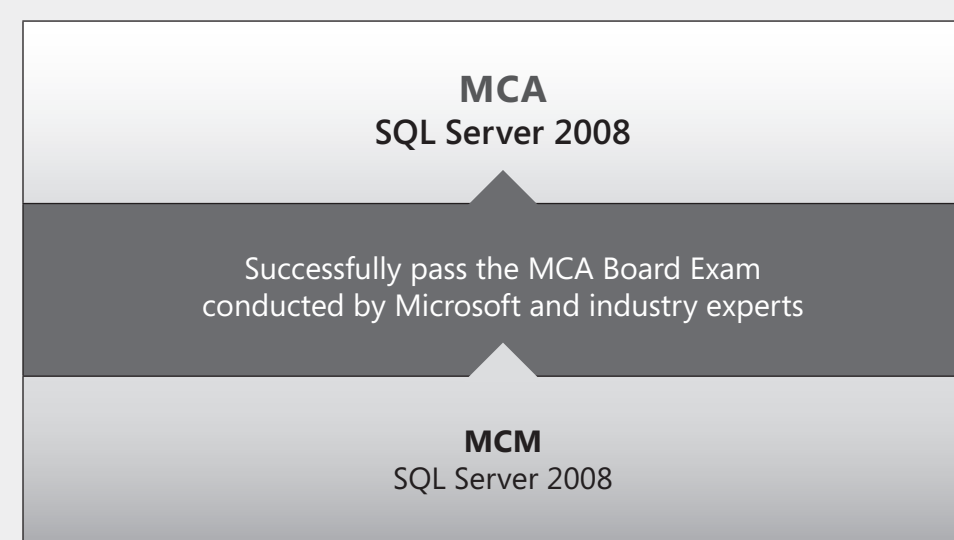


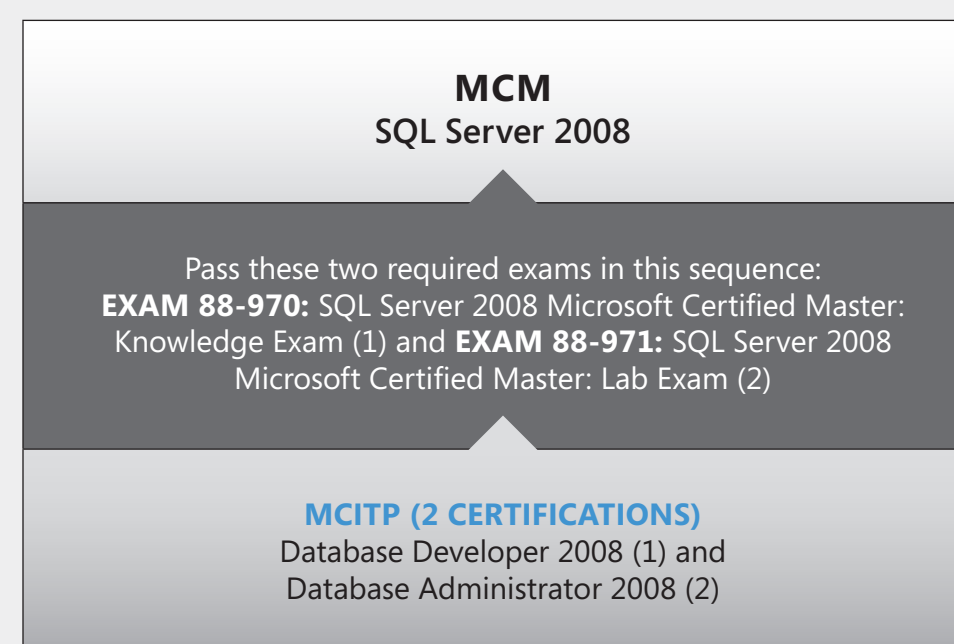
## Certification Pathways

■ Required Exam(s)    ■ Required Certification(s)

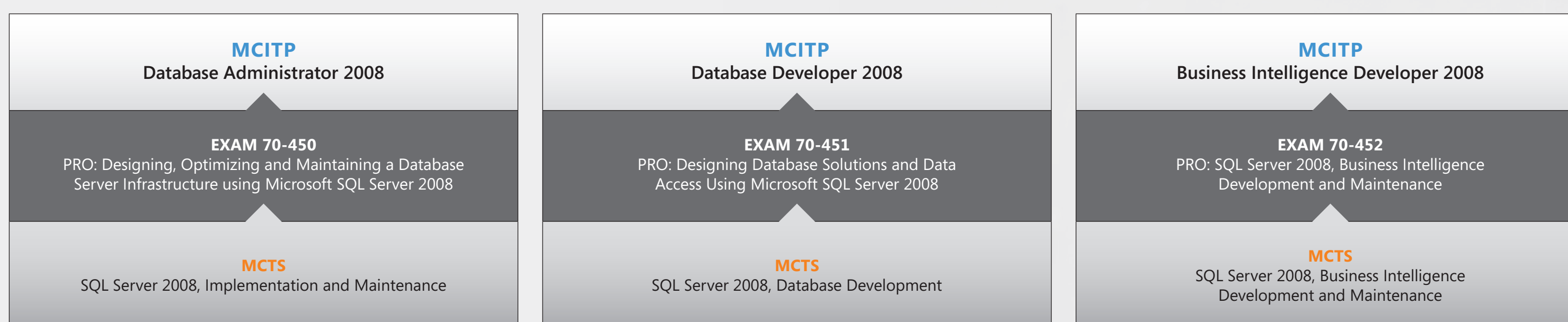
**PATHS TO MCA**  
MICROSOFT CERTIFIED ARCHITECT



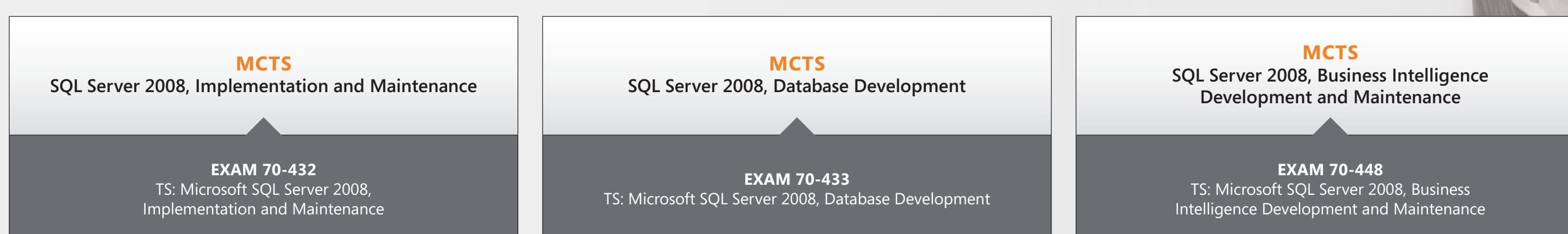
**PATHS TO MCM**  
MICROSOFT CERTIFIED MASTER



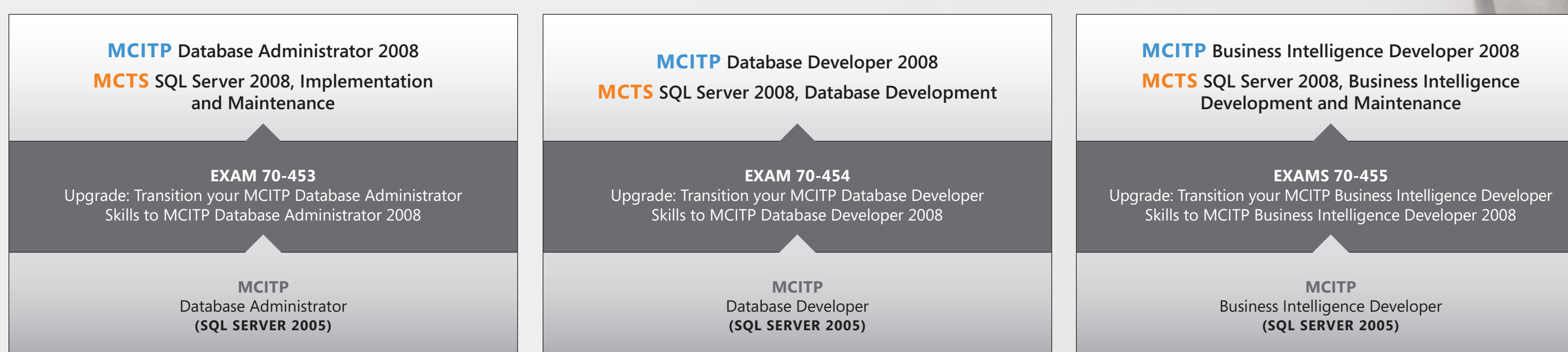
**PATHS TO MCITP**  
MICROSOFT CERTIFIED IT PROFESSIONAL



**PATHS TO MCTS**  
MICROSOFT CERTIFIED TECHNOLOGY SPECIALIST



**UPGRADE PATHS**  
FROM SQL SERVER 2005



To prepare for Microsoft Certification exams:

	CLASSROOM TRAINING	MICROSOFT E-LEARNING	MS PRESS BOOKS
<b>EXAM 70-432</b> TS: Microsoft SQL Server 2008, Implementation and Maintenance	<b>Course 6231A:</b> Maintaining a Microsoft SQL Server 2008 Database (5 days) <b>Course 6232A:</b> Implementing a Microsoft SQL Server 2008 Database (5 days, partial coverage)	<b>Collection 6369:</b> Implementing and Maintaining a Microsoft SQL Server 2008 Database (16 hours) <b>Collection 2778:</b> Writing Queries Using Microsoft SQL Server 2008 Transact-SQL (18 hours)	<b>MCTS Self-Paced Training Kit (Exam 70-432):</b> Microsoft SQL Server 2008—Implementation and Maintenance (ISBN: 9780735626058)
<b>EXAM 70-433</b> TS: Microsoft SQL Server 2008, Database Development	<b>Course 6232A:</b> Implementing a Microsoft SQL Server 2008 Database (5 days) <b>Course 2778A:</b> Writing Queries Using Microsoft SQL Server 2008 Transact-SQL (3 days) <b>Course 6231A:</b> Maintaining a Microsoft SQL Server 2008 Database (5 days, partial coverage)	<b>Collection 6370:</b> SQL Server 2008 Database Development (20 hours) <b>Collection 2778:</b> Writing Queries Using Microsoft SQL Server 2008 Transact-SQL (18 hours)	<b>MCTS Self-Paced Training Kit (Exam 70-433):</b> Microsoft SQL Server 2008—Database Development (ISBN: 9780735626393)
<b>EXAM 70-448</b> TS: Microsoft SQL Server 2008, Business Intelligence Development and Maintenance	<b>Course 6234A:</b> Implementing and Maintaining Microsoft SQL Server 2008 Analysis Services (3 days) <b>Course 6235A:</b> Implementing and Maintaining Microsoft SQL Server 2008 Integration Services (3 days) <b>Course 6236A:</b> Implementing and Maintaining Microsoft SQL Server 2008 Reporting Services (3 days)	<b>Collection 6233:</b> Implementing and Maintaining Business Intelligence in SQL 2008: Integration Services, Reporting Services and Analysis Services (24 hours)	<b>MCTS Self-Paced Training Kit (Exam 70-448):</b> Microsoft SQL Server 2008—Business Intelligence Development and Maintenance (ISBN: 9780735626362)
<b>EXAM 70-450</b> PRO: Designing, Optimizing and Maintaining a Database Administrative Solution Using Microsoft SQL Server 2008	<b>Course 6315:</b> Designing, Optimizing, and Maintaining SQL Server 2008 Servers (5 days)	Check <a href="http://www.microsoft.com/learning">www.microsoft.com/learning</a> for additional resources.	Check <a href="http://www.microsoft.com/learning">www.microsoft.com/learning</a> for additional resources.
<b>EXAM 70-451</b> PRO: Designing Database Solutions and Data Access Using Microsoft SQL Server 2008	<b>Course 6316:</b> Designing, Developing and Optimizing SQL Server 2008 Databases (5 days)	Check <a href="http://www.microsoft.com/learning">www.microsoft.com/learning</a> for additional resources.	Check <a href="http://www.microsoft.com/learning">www.microsoft.com/learning</a> for additional resources.
<b>EXAM 70-452</b> PRO: Designing a Business Intelligence Infrastructure Using Microsoft SQL Server 2008	<b>Course 6314:</b> Designing SQL Server 2008 Business Intelligence Solutions (5 days)	Check <a href="http://www.microsoft.com/learning">www.microsoft.com/learning</a> for additional resources.	Check <a href="http://www.microsoft.com/learning">www.microsoft.com/learning</a> for additional resources.
<b>EXAM 70-453</b> Upgrade: Transition Your MCITP SQL Server 2005 DBA to MCITP SQL Server 2008	<b>Course 6158:</b> Updating Your SQL Server 2005 Skills to SQL Server 2008 (3 days, partial coverage)	Check <a href="http://www.microsoft.com/learning">www.microsoft.com/learning</a> for additional resources.	<b>MCTS Self-Paced Training Kit (Exam 70-432):</b> Microsoft SQL Server 2008—Implementation and Maintenance (ISBN: 9780735626058)
<b>EXAM 70-454</b> Upgrade: Transition Your MCITP SQL Server 2005 DBD to MCITP SQL Server 2008 DBD	Check <a href="http://www.microsoft.com/learning">www.microsoft.com/learning</a> for additional resources.	Check <a href="http://www.microsoft.com/learning">www.microsoft.com/learning</a> for additional resources.	<b>MCTS Self-Paced Training Kit (Exam 70-433):</b> Microsoft SQL Server 2008—Database Development (ISBN: 9780735626393)

Find prep materials for 88-970: SQL Server 2008 MCM Knowledge Exam, and 88-971: SQL Server 2008 MCM Lab Exam at [www.microsoft.com/learning/master-sql](http://www.microsoft.com/learning/master-sql)

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