

Chapter 1: IMS/DB Introduction and Structure

You will learn:

- History and evolution of IMS.
- IMS features.
- Converting from VSAM to IMS.
- How the database is created.
- PCBs and PSBs.
- Database structuring rules.

Chapter 2: Retrieve Calls

You will learn:

- IMS programming interface.
- IMS calls.
- PCB masks.
- Input/out areas.
- Segment search arguments.
- Get calls.
- Status codes.
- Program execution.

Chapter 3: Boolean SSAs, Update Calls and Command Codes

You will learn:

- Compound SSAs.
- GET HOLD calls.
- Insert calls.
- Delete calls.
- Replace calls.
- Status codes.
- Command codes.


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Chapter 4: PSB and ACB Generation You will learn: <ul style="list-style-type: none">• Program development.• Processing options.• Creating the ACB.
Chapter 5: Database Characteristics You will learn: <ul style="list-style-type: none">• Database types.• HDAM, HIDAM, HSAM, and HISAM.• Segment format.• Pointers.
Chapter 6: IMS Operations You will learn: <ul style="list-style-type: none">• Transaction processing.• Starting an IMS DB/DC system.• Dependent regions.• DB/DC subsystem.• DCCTL subsystem.• DBCTL subsystem.• IMS commands.
Chapter 7: IMS Message Processing You will learn: <ul style="list-style-type: none">• Message queues.• Scheduling the program.• Message management.• Schedule management.• Processing Fast Path transactions.

Chapter 8: Advanced IMS Features

You will learn:

- Secondary indexing.
- Secondary indexing characteristics.
- Building a secondary index.
- Logical relationships.



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