1 Up to New Change vs Up to Previous Change

Term	Meaning (Self-Study)	Practical Example
Up to New Change	Work with the **latest state** (after the most recent modification/migration).	After adding a new migration → dotnet ef database update → database is updated to **latest** model.
Up to Previous Change	Roll back to the state **before the most recent modification**.	Run dotnet ef database update LastMigrationName → database goes back **one step** (previous snapshot).

🧠 Think: **New Change = current snapshot • Previous Change = rollback snapshot**

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2 One-Line Configurations

If you have multiple configuration classes, just apply them in **one line each**:

Auto-Apply All Configurations

For larger projects, instead of writing each config manually, you can auto-register all configurations from the same assembly:

```
protected override void OnModelCreating(ModelBuilder modelBuilder)

{

    modelBuilder.ApplyConfigurationsFromAssembly(typeof(AppDbContext).Assembly);

}
```

✅ This automatically finds and applies **all classes** that implement IEntityTypeConfiguration<T> – clean and scalable.