Order of Execution

1. Loads Initial record.

2. If the request came from a standard UI edit page, Salesforce runs **system validation** to check the record for page layout specific rules, field definition, Maximum field length.

3. Executes flows that make a before-save update. (New Change in Winter 20)

4. Executes **all before triggers**.

5. Executes **duplicate rules**.

6. **Saves** the record to the database, but doesn't commit yet.

7. Executes **all after triggers**.

8. Executes **assignment rules**.

9. Executes **auto-response rules**.

10. Executes **workflow rules**.

11. If there are **workflow field updates**, updates the record again.

12. If workflow field updates introduced new duplicate field values, executes duplicate rules again. If the record was updated with workflow field updates, **fires before triggers and after trigger one more time (and only one more time), in addition to standard validations. Custom validation rules are not run again**.

13. Executes processes and flow.

14. Executes **escalation rules**.

15. Executes **entitlement rules**.

16. If the record contains **a roll-up summary field** or is part of a cross-object workflow, perform calculations and updates the roll-up summary field in the parent record. Parent record goes through save procedure.

17. If the parent record is updated, and a **grandparent** record contains a roll-up summary field or is part of a **cross-object workflow**, performs calculations and updates the roll-up summary field in the grandparent record. Grandparent record goes through save procedure.

18. Executes **Criteria Based Sharing evaluation**.

19. Commits all **DML operations to the database**.

20. Executes all **after-commit logic, such as sending email**.

What is part of the after commit logic?

1. All email sends

2. Asynchronous Apex: @future methods

3. Async Sharing Rule processing (for >25,000 records)

4. Outbound Messages placed on queue

5. Calculate Index, such as Search Index

6. Render File Previews

7. Publication of Platform Events (if configured)

NOTE: *The order of execution isn't guaranteed when having multiple triggers for the same object due to the same event. For example, if you have two before insert triggers for Case, and a new Case record is inserted that fires the two triggers, the order in which these triggers fire isn't guaranteed.*