What is Defect Life Cycle?

Defect life cycle, also known as Bug Life cycle is **the journey of a defect cycle**, which a defect **goes through various stages during its lifetime**. It varies from organization to organization and also from project to project as it is governed by the software testing process and also depends upon the tools used.

Defect Life Cycle - Workflow:

Defect Life Cycle States:

**New** - Potential defect that is raised and yet to be validated.

**Assigned** - Assigned against a development team to address it **but not yet resolved**.

**Active** - The Defect is being addressed by the developer and investigation is under progress. At this stage there are two possible outcomes; viz **- Deferred or Rejected**.

**Deferred** - When a defect cannot be addressed in that particular cycle it is deferred to future release. **Not competed in that sprint.**

**Rejected** - A defect can be rejected for any of the 3 reasons; viz - duplicate defect, NOT a Defect, Non Reproducible

Test - The Defect is fixed and ready for testing.

Verified - The Defect that is retested and the test has been verified by QA.

Closed - The final state of the defect that can be closed after the QA retesting or can be closed if the defect is duplicate or considered as NOT a defect.

Reopened - When the defect is NOT fixed, QA reopens/reactivates the defect.