BAF CREATION PROCESS

Step 1

- ❑ Make sure Visual Studio is connected to TFS (Team Foundation Server)
- ❑ In the "Team Explorer" tab, open the CMMI dropdown
- ❑ Select "Work Items" from the dropdown.
- ❑ Open "New Work Items" dropdown
- ❑ From the dropdown, select "Baseline Approval Form"

Step 2

- ❑ Firstly, enter "Release/Batch ID" i.e. the release in which your CR (Change Request) will be deployed on servers.
- ❑ Start filling the other boxes:
  - ○ Baseline Approver (QA Manager)
  - ○ Code Reviewer (Development Manager)
  - ○ Baseline Manager (QA Manager)
  - ○ Change Type (e.g. Change Request / Fixes/ Live Issues)
  - ○ State (Ready for Approval)
  - ○ Team (Development Team)
  - ○ Version (e.g. 10g)
  - ○ BAF Type (Baseline Update / Release Update)

Change Type

There are two types of changes:

❑ Change Request
  - We select this Change type when we are creating a BAF for a CR.

❑ Fixes / Live Issues
  - We select "Live Issues" Change Type when we are creating the BAF for a live issue fix
  - We select "fixes" Change Type, when we are creating a BAF for a fix of regression type

BAF Type

There are two types of BAF Types:

- ❑ Baseline Update
  - ○ We select this BAF type when we are creating a BAF for a CR, because is firstly deployed on Baseline, we test it and further gets deployed on other servers
  - ○ Also this BAF Type is selected for a BAF when we find a regression bug on Baseline Server.

- ❑ Release Update
  - ○ We select this BAF Type when we are creating the BAF for a live issue or a regression bug that we find on Release Server

Step 3

- Save the BAF
- Get this BAF approved by any of the managers
- When the BAF will be approved, it's state will be changed to "Approved"

Step 4

- ❑ When the State is changed to "Approved"
- ❑ SCM deploys it on the Server we selected in BAF Type.
- ❑ After deployment on the respective server, BAF Status is updated to "Baseline Update"
- ❑ We test it after, on the server we wanted it deployed.
- ❑ When it's tested and approved, we change the Status of BAF to "SAT Done"

(Our work ends here, rest is taken care by SCM)

Step 5

❑ SCM changes the State of the BAF to "Included in Patch" (that means, SCM has included the tasks (changes) in the patch that they'll deploy on the Live Servers)

❑ SCM deploys that patch on the Live Servers and the State of the BAF is changed to "Deployed on Live Servers"

❑ When all the changes are deployed on Live Servers, we are provided with access of Live Servers, and we run a Script on the servers assigned to every one of us

❑ Failed scenarios are fixed on priority and deployed on the Live Server as is.