

Interview Question:

What is hotfix?

- Hot fix is nothing but it's a fix on the immediate basis which is done on the production server.
- When customer/client found an issue on production environment and can not wait for the next release because it's impacting on client business so need to fix that issue and need to deploy on production as soon as possible so it called as hot fix.

The process is explained below:

1. Client reports the issue
2. The Dev & QA Team check whether it is a valid issue
3. If the issue is found valid, the Product Owner creates a ticket.
4. The Developer then starts working on the issue and then deploys the fix on the QA Environment.
5. QA team will reverify the bug fixed or not
6. After bug fixing QA team performs regression testing or sanity testing with it to check the impact
7. Fix is deployed on the UAT Environment. On UAT, QA does one round of testing to ensure the fix is not broken.
8. The Business User/Client is notified for further testing if the issue is found to be fixed on UAT.
9. Once the Business User/Client verifies the fix & checks whether the fix is working as expected. If all goes well, the fix is released and deployed to the Production Environment by the DevOps team.

Question:

What is the difference between the deployed and Released?

- **Deployed:**“Deployed”: A technical concern that applies in the domain of the team and means the functionality is introduced in Production.
- **Released:**“Released”: A business term that defines functionality being available to an end-user.

Question:What is the difference between Build and Release?

Build:After developing the software module, developers convert the source codes into a standalone form or an executable code. Then the development team hands over the build to the testing team to perform testing. Build is in the testing phase; it may have already undergone testing or not. Software testing team checks this build. If it consists of multiple bugs and if it does not meet the requirements, then the software testing team rejects that build. Builds occur prior to the release, and they are generated more frequently.

Release:The release is the final application after completing development and testing. After testing the build, the testing team certifies that software and delivers it to the customer. It is possible for one release to have several builds. Therefore, it is the software delivered to the customer after completing the development and testing phases. Moreover, the release is based on builds, and it can have several builds.