

Notification center.

1. What is push payload size in iOS? 5. What is push notification? How it works?

Ans -

Size of Push Payload →

Each push notification includes a payload. The payload contains information about how the system should alert the user as well as any custom data you provide.

The maximum size allowed for a notification payload is 256 bytes; Apple Push Notification Service refuses any notification that exceeds this limit.

Push Notification →

Push notification is a style of internet based communication where the request for a given transaction is initiated by the server or central authority, which in this case is Notification centre.

- Push notification is an helpful feature which helps us to interact with the application outside the normal flow.
- These notifications can be created locally, through the use of conditions and also by using remote service.

How It works →

The general process for handling push notifications:

- Ask your user for permission to receive notifications.
 - Optionally make changes to the message before display.
 - Optionally add custom buttons for the user to interact with.
 - Optionally configure a custom user interface to display the notification.
 - Optionally take action based on what the user did with the notification.
2. Implement Push notification using firebase (If Apple device not available, check how we can send it on simulator).

We don't have to implement it as informed by the presenter because we haven't been taught firebase access explicitly.

3. What is required to send a silent push.

→ When you send a Silent push notification and if app is suspended then the system wakes up or launches your app and puts it into the background running state before calling the method but if the app is killed by user manually then it will not wakeup. They can be used to inform the application of new content without having the user informed. Instead of displaying a notification alert, the application will be awakened in background.

→ Steps for sending a Silent push notification

1. Obtain the Firebase Cloud Messaging Server Key
2. Obtain FCM token
3. Configure the API Client Tool
4. Compile Notification Payload
5. Handle the silent push notification.