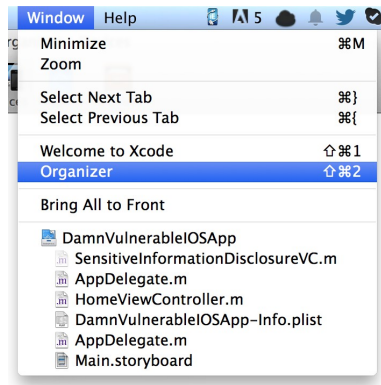


Damn Vulnerable IOS Application Solutions

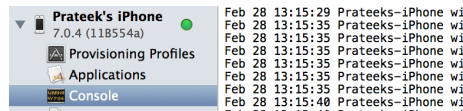
<http://damnvulnerableiosapp.com/>

Side channel data leakage – Device logs

Make sure your device is connected to your computer. Fire up Xcode and go to Window → Organizer



Go to the devices section and on the left side, select your device and select console.



Now submit any dummy data in the challenge page and tap on *Sign Up*

A screenshot of the 'Side Channel Data Leakage' challenge page in the Damn Vulnerable iOS App. The page has a red header with a 'Back' button and the title 'Side Channel Data Leakage'. Below the header, there is a text input field containing 'Prateek', an email input field containing 'testuser@gmail.com', a password input field with seven dots, and a numeric input field containing '1234567890'. A blue 'Sign Up' button is located below the numeric field. At the bottom of the screen, there is a numeric keypad with digits 1-9, 0, and a backspace button.

On the console section, you will see the data about the user being logged.

```
Feb 28 13:19:14 Prateeks-iPhone mstreamd[761] <Notice>: MS:Notice: Injecting: com.apple.mediastream.mstreamd [mstreamd] (847.21)
Feb 28 13:19:14 Prateeks-iPhone mstreamd[761] <Notice>: (Note ) mstreamd: mstreamd starting up.
Feb 28 13:19:14 Prateeks-iPhone mstreamd[761] <Notice>: (Note ) PS: Media stream daemon starting...
Feb 28 13:19:14 Prateeks-iPhone DamnVulnerableIOSApp[742] <Warning>: user saved: <Person:new:(null)> {
    email = "testuser@gmail.com";
    name = Prateek;
    password = passwd;
    phone = 1234567890;
}
Feb 28 13:19:16 Prateeks-iPhone mstreamd[761] <Notice>: (Note ) PS: MSPublisher - 1447273166 Requesting derivatives for 1 files.
Feb 28 13:19:16 Prateeks-iPhone awdd[763] <Notice>: MS:Notice: Injecting: (null) [awdd] (847.21)
Feb 28 13:19:16 Prateeks-iPhone DamnVulnerableIOSApp[742] <Warning>: Saved user info: <Person:4q3t9dSA8g:(null)> {
    email = "testuser@gmail.com";
    name = Prateek;
    password = passwd;
    phone = 1234567890;
}
Feb 28 13:19:16 Prateeks-iPhone awdd[763] <Error>: CoreLocation: CLClient is deprecated. Will be obsolete soon.
Feb 28 13:19:16 Prateeks-iPhone mstreamd[761] <Notice>: (Note ) PS: MSPublisher - 1447273166 Submitting 1 asset collections for publication.
Feb 28 13:19:16 Prateeks-iPhone mstreamd[761] <Notice>: (Note ) PS: MSPublisher - 1447273166 Submitting 1 asset collections for publication.
```

This is a mistake on the part of the developer. Such logs should be removed before submitting an application to the app store as it might reveal important information. Optionally, the user should enable logs only when the application is being run in the debug mode.