Exceptions in Appium

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| Name of exception | Cause | Solution |
| 1. SessionNotCreated:   We get this exception for many reasons: | 1. SocketHangUp 2. SeverNotConnected 3. DeviceNotConnected | 1. Restart the phone 2. Start the server. If started programmatically and getting exception start once locally through cmd. 3. Check if you’ve connected through USB. If connected check in cmd using adb devices command if it doesn’t show the device or shows unavailable try changing the usb settings. |
| 1. NoMethodError |  | Change the appium version to 9 in pom.xml |
| 1. WebDriverException | Internet issues  If driver is not initialized properly(driver mismatch)  If you run emulator specific code on real device |  |
| 1. InvalidSelectorException | If the locator is not correct | Check if locator or xpath is written correctly. |
| 1. NoSuchElementException | If the element given is not present or the element is not visible or the locator is not right. | Give waiting condition.  Check if the locators are correct |
| 1. UnsupportedCommandException | If there is any mistake in the commands | Check the keys and values |
| 1. SocketException |  | Restart phone |
| 1. TimeOutException | If you use explicit wait and the element not found. |  |
| 1. StaleElementReferenceException | If the page is refreshed and the address of element is changed. | Use POM class to avoid StaleElementReferenceException |
| 1. IllegalStateException |  |  |
| 1. InvalidServerInstantException | If the path of server file is wrong |  |
| 1. AbstractMethodError |  | Change the appium client and testng version. |
| 1. FatalException |  |  |