

Saucelabs:

<https://saucelabs.com/sign-up>

```
public class SaucelabsConnect implements SauceOnDemandSessionIdProvider,  
  
SauceOnDemandAuthenticationProvider {  
  
    public String username = System.getenv("SAUCE_USERNAME");  
    public String accesskey = System.getenv("SAUCE_ACCESS_KEY");  
    TestAutomationDriver tad = new TestAutomationDriver();  
  
    public SauceOnDemandAuthentication authentication = new  
SauceOnDemandAuthentication(username, accesskey);  
  
    @Rule public TestName name = new TestName() {  
        public String getMethodName() {  
            return String.format("%s : (%s %s %s)", tad.currentTestcase, tad.platform,  
tad.browser, tad.browserVersion);  
        }  
    };  
};  
  
private WebDriver driver;  
private String sessionId;  
private String deviceName = null;  
  
public String sauceRemoteURL() {  
  
    String remoteURL = "http://" + authentication.getUsername() + ":" +  
authentication.getAccessKey() + "@ondemand.saucelabs.com:80/wd/hub";  
  
    return remoteURL;  
}  
  
public WebDriver setUp(String currentTestCase, Browser browser, String browserVersion,  
Platform platform, String deviceName, String deviceOrientation) throws  
Exception {  
  
    DesiredCapabilities capabilities = new DesiredCapabilities();
```

```
capabilities.setCapability(CapabilityType.BROWSER_NAME, browser);
capabilities.setCapability(CapabilityType.VERSION, browserVersion);
capabilities.setCapability(CapabilityType.PLATFORM, tad.platform);
capabilities.setCapability("deviceName", deviceName);
capabilities.setCapability("device-orientation", deviceOrientation);
```

```
driver = new RemoteWebDriver(
    new URL("http://" + authentication.getUsername() + ":" + authentication.getAccessKey()
+ "@ondemand.saucelabs.com:80/wd/hub"),capabilities);
    return driver;
}
```