Proxy settings in android studio



The other day I had to deploy Android Studio IDE on a machine with a corporate proxy. The topic is not new, and has already been discussed on stackoverflow and in blogs. However, this task is not solved by the gathering - have to dig. So I decided to create a step-by-step instruction to set up an IDE. Android developer in a proxy environment. All the actions we will carry out on the windows machine. For linux, the algorithm will be similar. So, the first time you start Android Studio, you'll want to set up a proxy, Set up Setup Proxy, enter a proxy address and your credentials: The proxy address can be found using the ipconfig/all Find/i Dns Suffix Test the connection with the Check connection button on the same window. If everything's OK, let's move on. In the IDE IDE window that appeared after the launch, you need to re-prescribe the proxy settings for http and https: The same settings can be written in the file gradle.properties: systemProp.http.proxyPassword systemProp.http.proxyHost'lt;PROXY URL.systemProp.http.lt.http.lt;lt;systemProp.https.proxy PROXY URL password SystemProp.https.proxyUser, however, keep in mind that the IDE proxy settings re-record the project settings. If you try to assemble the project now, it is likely that the assembly will end unsuccessfully with the error of SSLHandshakeException: sun.security.validator.ValidatorException: PKIX fix Gradle tries to reach the repository servers without certificates. We need to add them to the vaults. To do this, first add to gradle.property the following lines: systemProp.javax.net.ssl.trustStorePassword'changeit Here we point out the path and password to the certificate storage. The default password is changeit. If you didn't change it, he stayed the same. </ANDROID></PORT></PORT></PROXY_URL></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></PASSWORD></P should be accepted, but this will not help automatically. We need to import certificates into the cacerts IDE and JVM certificate store. To do this, you need to take the following steps: Download the certificate. You can do this with a browser or openssl Import certificate into storage with keytool To import a certificate downloaded on step 1, the Windows machine must run a command line from the administrator and perform: keytool -import -alias -keystore C: PrograAndroid Studio3.0jse'jre'lib'security'cacerts -file glt;path to ertificate file also, it is necessary to add this certificate to other repositories cacerts (JVM and Android Studio): keytool -import -alias qol'lt; -path to studio. Android Studio3. path to ertificate file 0 keytool -import -alias-c:'Progra'1'Javajre V.V'lib'security'path to ertificate file, alternatively, instead of adding, you can copy certificates between storages with the help of a team: keytool -importkeystore -path to studio. AndroidStudio3.0/system'tasks'tasks'cacerts -destkeystore C: 'Progra'1'Java'jre V.V'lib'security'cacerts -v password changeit After importing certificates, clean the gradle cache in the C: Users' zgt; User'gt; gradle and reboot the system. If you try to access cacerts IDE, run Android Studio from the administrator. Let's start the assembly... The project is successfully assembled! If importing certificates doesn't help, you can replace the repository download address from the securor https to the regular http: jcenter q url q Git In addition to gradle, problems may arise with the version control system. In the case of git, you must add to the path_to path_to path_to path_to path_to path_to path_to_studio global git.git napametpu proxy. Для этого выполнить команду: git config --global http.proxy http[s]://userName:password@proxyaddress:port Если при попытке при попытке pull/push из/в GitLab возникает ошибка SSL certificate problem: self signed certificate in certificate chain то следует выполнить следующую команду от администратора: git config --system http.sslCAPath <path to studio>/. AndroidStudio<v.No>/system/tasks/cacerts Для возможности push/pull через IDE Android Studio необходимо в настройках Settings-> Version Control-> Git в пункте SSH ехесиtable указать Native На этом все, можно работать. Надеюсь, статья оказалась полезной для вас. Буду рад вашим мнениям и комментариям! Если интернет доступен только через proxy, то при первом запуске AndroidStudio выводит на экран «Fetching android sdk component information» и выдает ошибку: WARN - ateSettings.impl.UpdateChecker - Connection failed. Please check your network connection and try again. Это происходит т.к. первом запуске AndroidStudio пытается установить sdk через интернет. При этом нет возможности попасть в меню настройки и установить proxy. Нашел два способа решения этой проблемы: Первый способ настроить proxy в AndroidStudio Открываем в домашней директории файл ./AndroidStudio/config/options/other.xml находим в нем компонент HttpConfigurable и указываем настройки proxy. USE HTTP PROXY — разрешение работы через прокси PROXY HOST — имя или IP адрес прокси сервера PROXY PORT — порт proxy PROXY AUTHENTICATION — нужны ли имя пользователя и пароль для доступа к proxy PROXY LOGIN — имя пользователя (если есть) PROXY PASSWORD CRYPT — сохраненный зашифрованный пароль (установить пустым «») КЕЕР PROXY PASSWORD — запоминать введенный пароль или нет. Пример настройки: <component name=HttpConfigurable><option name=PROXY TYPE IS SOCKS value=false><option name=USE HTTP PROXY value=true><option name=USE PROXY PAC value=false><option name=PROXY HOST value=192.168.1.1><option name=PROXY PORT value=3232><option name=PROXY AUTHENTICATION value=true><option name=PROXY LOGIN></option name=PROXY LOGIN></component></v.No></path to studio>/> <option name=PROXY PASSWORD CRYPT value=><option name=KEEP_PROXY_PASSWORD value=false><option name=myGenericPasswords><option name=myGenericCancelled><set><set><option name=PROXY_EXCEPTIONS value=><option name=USE_PAC_URL value=false><option name=PAC_URL value=><component name=HttpConfigurable><option name=PROXY_TYPE_IS_SOCKS value=false><option name=USE_HTTP_PROXY value=true><option name=USE_PROXY_PAC value=false><option name=PROXY_HOST value=192.168.1.1><option name=PROXY PORT value=3232><option name=PROXY AUTHENTICATION value=true><option name=PROXY LOGIN value=username><option name=PROXY PASSWORD CRYPT value=><option name=KEEP PROXY PASSWORD value=false><option name=myGenericPasswords><map><option name=myGenericCancelled ><set><option name=PROXY EXCEPTIONS value=><option name=USE PAC URL value=false><option name=PAC URL value=></component> Второй способ настроить proxy в AndroidStudio Открываем файл в директории с AndroidStudio android-studio/bin/idea.properties В конце файла добавляем строку: disable.android.first.run=true Запускаем AndroidStudion, заходим в настройки «configaration>http proxy» и настраиваем прокси. Удаляем строку из android-studio/bin/idea.properties Запись опубликована в рубрике Программирование под android. Добавьте в закладки постоянную ссылку. ссылку. how to remove proxy settings in android studio. how to disable proxy settings in android studio. gradle proxy settings in android studio

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