Sign in

apache / **spark** Public

🔔 Notifications   Fork 28.3k   ☆ Star 39.7k

<> Code   Pull requests 226   ▶ Actions   Projects   Security   Insights

[SPARK-38992][CORE] Avoid using bash -c in ShellBasedGroupsMappingProvider #36315

New issue

⊘ Closed   **HyukjinKwon** wants to merge 1 commit into `apache:master` from `HyukjinKwon:SPARK-38992`

💬 Conversation 6   Commits 1   ✅ Checks 0   ⊞ Files changed 1   +3 −2 ▪▪▪▪▪

Changes from all commits ▾   File filter ▾   Conversations ▾   Jump to ▾   ⚙ ▾

⌄ ✛ 5 ▪▪▪▪▪

···

core/src/main/scala/org/apache/spark/security/ShellBasedGroupsMappingProvider.scala ⧉

```
@@ -30,6 +30,8 @@ import org.apache.spark.util.Utils
30  30    private[spark] class ShellBasedGroupsMappingProvider extends GroupMappingServiceProvider
31  31      with Logging {
32  32
    33  +    private lazy val idPath = Utils.executeAndGetOutput("which" :: "id" :: Nil).stripLineEnd
    34  +
33  35      override def getGroups(username: String): Set[String] = {
34  36        val userGroups = getUnixGroups(username)
35  37        logDebug("User: " + username + " Groups: " + userGroups.mkString(","))
```

```
@@ -38,8 +40,7 @@ private[spark] class ShellBasedGroupsMappingProvider extends GroupMappingService
38  40
39  41      // shells out a "bash -c id -Gn username" to get user groups
```

HyukjinKwon marked this conversation as resolved.   ✛ Show resolved

```
40  42      private def getUnixGroups(username: String): Set[String] = {
41  -        val cmdSeq = Seq("bash", "-c", "id -Gn " + username)
42  43        // we need to get rid of the trailing "\n" from the result of command execution
```

43		-	`        Utils.executeAndGetOutput(cmdSeq).stripLineEnd.split(" ").toSet`
	44	+	`        Utils.executeAndGetOutput(idPath ::  "-Gn" :: username :: Nil).stripLineEnd.split(" ").toSet`
44	45		`      }`
45	46		`    }`