

[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

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+3 -2 







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▼	 5 	core/src/main/scala/org/apache/spark/security/ShellBasedGroupsMappingProvider.scala 	...
	@@ -30,6 +30,8 @@	import org.apache.spark.util.Ut ils	
30	30	private[spark] class ShellBasedGroupsMappingProvider extends GroupMappingServiceProvider	
31	31	with Logging {	
32	32		
	33	+ private lazy val idPath = Ut ils .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	-	Ut ils .executeAndGetOutput(cmdSeq).stripLineEnd.split(" ").toSet	
	44	+ Ut ils .executeAndGetOutput(idPath :: "-Gn" :: username :: Nil).stripLineEnd.split(" ").toSet	
44	45	}	
45	46	}	