

gravitational / teleport

Watch145Star3,887Fork180


CodeIssues25Pull requests1Projects0PulseGraphs

# LocalKeyAgent changes for OpenSSH interoperability #762

Merged russjones merged 2 commits into gravitational:master from russjones:rjones/agent-load 25 days ago

Conversation6Commits2Files changed8

+425-168



russjones commented 26 days ago • edited

Contributor +

### Purpose

As covered in #579, connecting to a Teleport node from an OpenSSH client using the Teleport agent is broken due to a bug in OpenSSH: [https://bugzilla.mindrot.org/show\\_bug.cgi?id=2550](https://bugzilla.mindrot.org/show_bug.cgi?id=2550)

This PR works around this behavior in older OpenSSH clients by loaded both a certificate with an embedded private key as well as the private into the Teleport agent so OpenSSH clients can connect to Teleport nodes.

### Implementation

#### Code Updates


- AsAgentKey has been renamed AsAgentKeys in lib/client/interfaces.go to reflect that it returns a certificate (with embedded private key) as well as a private key.
- onAgentStart in tools/tsh/main.go has been refactored to not explicitly load keys because it's already done as a side-effect of creating a Teleport client (which creates a LocalKeyAgent ).
- Refactored LocalKeyAgent to consolidate key loading and unloading code in the LoadKey and UnloadKey functions.

#### Test Updates

- Added test coverage for LocalKeyAgent .
- Added lib/client/testdata\_test.go to store test data (like keys and certificates) for tests.


#### Build Configuration Updates

- build.assets/Makefile has been updated to create an external ssh-agent within the test container for LocalKeyAgent to communicate with.



klizhentas

✓



kontsevoy

●

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone




No milestone


Notifications

Subscribe

You're not receiving notifications from this thread.

3 participants






gravitational-jenkins commented 26 days ago

+

Can one of the admins verify this patch?




russjones commented 26 days ago

Contributor +

ok to test

👁️

russjones requested review from klizhentas and kontsevoy 26 days ago




👁️ klizhentas reviewed 26 days ago

View changes

lib/client/interfaces.go

Show outdated



klizhentas approved these changes 26 days ago

View changes



russjones commented 25 days ago

Contributor



retest this please



russjones added some commits 28 days ago



Fixes, refactoring, and tests for LocalKeyAgent. ...

ac1173b



Make teleagent use the LocalKeyAgent.

✓ 1539f35



russjones merged commit e71a09d into gravitational:master 25 days ago

1 check passed

[View details](#)



russjones deleted the russjones:rjones/agent-load branch 25 days ago



russjones referenced this pull request 25 days ago

Permission denied (publickey) with OpenSSH client #579

Closed



Write

Preview

AA B i



Leave a comment

Attach files by dragging & dropping, selecting them, or pasting from the clipboard.



Styling with Markdown is supported

Comment

**ProTip!** Add comments to specific lines under [Files changed](#).

