

vdemo - Feature #2071

Survive connection loss

11/03/2014 05:25 PM - S. Wrede

Status: Resolved	Start date: 11/03/2014
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	
Description	
<p>Currently, VDemo is very sensitive to connection loss. If a connection to a node within a setup is down and comes up again, VDemo needs to be restarted completely.</p> <p>Given more complex setups (such as the one we currently use with about 20 nodes) and long-running processes, this is really annoying. Hence, it would be really great if VDemo could also monitor node status and re-initiate ssh connections / and screen sessions at runtime.</p>	
Related issues:	
Related to vdemo - Feature # 2072: Ignore non-reachable Hosts during Startup	Closed 11/03/2014

History

#1 - 11/03/2014 05:25 PM - S. Wrede

- Description updated

#2 - 11/03/2014 05:28 PM - S. Wrede

- Related to Feature #2072: Ignore non-reachable Hosts during Startup added

#3 - 11/03/2014 11:50 PM - R. Haschke

There is already a mechanism to detect connection loss and reestablish connections: `handle_screen_failure()`

However, to work, `inotify-tools` need to be installed. It notices that the screen session attached to a component or host is gone, because the corresponding screen file vanishes.

Does that suffice?

#4 - 11/04/2014 09:42 AM - S. Wrede

That is also good news. We'll test that in our setup and close this issue afterwards.

Again, my question would be if this is already documented somewhere... ;-)

#5 - 11/04/2014 10:09 AM - R. Haschke

Not yet documented.

With `inotifywait` installed on the startup machine, you can monitor and reestablish master connections.

With `inotifywait` installed on the remote machine, you can monitor individual components. Currently, their status only turns red automatically. They are not respawned.

#6 - 08/28/2015 08:34 PM - R. Haschke

- Status changed from New to Resolved

Both respawning master connections and components works.