

OpenNebula - Bug #4593

Can't migrate VM after reschedule fom state UNKNOWN

06/22/2016 04:37 PM - Anton Todorov

| | |
|--|----------------------------------|
| Status: Closed | Start date: 06/22/2016 |
| Priority: Normal | Due date: |
| Assignee: | % Done: 0% |
| Category: Core & System | Estimated time: 0.00 hour |
| Target version: | Pull request: |
| Resolution: fixed | |
| Affected Versions: OpenNebula 5.0 | |

Description

Hi,

The issue is because in the code path there is no function to close the previous history reason.

here is the patch that solves the issue by properly closing the previous history record on prolog success action:

```
diff --git a/src/lcm/LifeCycleStates.cc b/src/lcm/LifeCycleStates.cc
index e05d2e7..16b85b7 100644
--- a/src/lcm/LifeCycleStates.cc
+++ b/src/lcm/LifeCycleStates.cc
@@ -682,10 +682,14 @@ void LifeCycleManager::prolog_success_action(int vid)
     vm->set_state(VirtualMachine::BOOT_MIGRATE);
     break;

-    case VirtualMachine::PROLOG:
-    case VirtualMachine::PROLOG_FAILURE: //recover success
+    case VirtualMachine::PROLOG_MIGRATE_UNKNOWN:
+    case VirtualMachine::PROLOG_MIGRATE_UNKNOWN_FAILURE: //recover success
+        vm->set_previous_reason(History::USER);
+        vm->set_previous_action(History::MIGRATE_ACTION);
+        vmpool->update_previous_history(vm);
+
+    case VirtualMachine::PROLOG:
+    case VirtualMachine::PROLOG_FAILURE: //recover success
         action = VirtualMachineManager::DEPLOY;
         vm->set_state(VirtualMachine::BOOT);
         break;
```

I'll update with pull request @GitHub shortly.

Kind Regards,
Anton Todorov

Associated revisions

Revision 58d72568 - 06/23/2016 10:57 AM - Anton Todorov

fix for bug #4593 (#104)

When VM in UNKNOWN state is rescheduled it can not be migrated anymore because a check in VirtualMachineMigrate::request_execute is not satisfied due to previous history record not closed properly.

Revision c637d795 - 06/23/2016 11:34 AM - Ruben S. Montero

bug #4593: Moved history closing to the action, where the capacity is removed from the host. FAILURE states does not need update

History

#1 - 06/22/2016 05:02 PM - Anton Todorov

Here is the pull request on GitHub

<https://github.com/OpenNebula/one/pull/104>

Kind Regards,
Anton Todorov

#2 - 06/24/2016 12:16 PM - Anton Todorov

Hi,

I can confirm that the latest master does not have the issue.

I think the issue could be closed

Kind Regards,
Anton Todorov

#3 - 06/28/2016 08:52 PM - Ruben S. Montero

- Status changed from Pending to Closed

- Resolution set to fixed

Thanks