ManageIQ KB: Configuring EVM Appliances to function behind Load Balancers (Session Store)

Products: EVM
Version. 4.0.1.x
Created: 8/17/2012
Updated: 8/28/2012

Issue:
Multiple EVM UI appliances are in the same zone and may be behind a load balancer or using DNS Round-Robin to distribute load among multiple appliances. A user clicks on something in the EVM Console and is redirected unexpectedly to the login page as if the session were expired.

Resolution:
Store the user session data in the VMDB (EVM Database which is shared) rather than in memcache (not shared).

1. Connect to the EVM User Interface Appliance directly (not using the DNS Round Robin name or load balancer).
2. Log in as a user with Super_Administrator rights.
3. Click on (Settings & Operations), then Configuration.
4. In the Settings Accordion, navigate to the correct region, zone and appliance for the current EVM UI Appliance.
5. When the correct EVM Appliance is selected, click on the Advanced tab.
6. Select EVM Server Main Configuration from the File dropdown..
7. Find the server: section.
8. Change the line which reads session_store: cache to session_store: sql
9. Click Save.
10. Restart the EVM Server. Do this either from the black console of the appliance or by using the 'Power' -> 'Restart Guest' option in a vSphere Client.
11. Repeat the process for each EVM Appliance with the User Interface role enabled in the DNS Round Robin list.
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