Foreman - Feature #37157

Foreman + Dynflow + Redis Sentinel

02/09/2024 10:46 PM - Jon-Paul Lindquist

Status:	New		
Priority:	Normal		
Assignee:			
Category:			
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:	No	**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

I am trying to determine if it's possible to setup Foreman Dynflow workers to connect to Redis Sentinel so we can have some kind of redundancy / failover options when running multiple instances of Foreman. The Puppet module doesn't seem to support it as far as I can tell. It doesn't look like Foreman uses the redis_url option for Dynflow at all from the settings, and hard codes a value for DYNFLOW_REDIS_URL in the systemd unit

Environment=DYNFLOW_REDIS_URL=redis://localhost:6379/0
Environment=REDIS_PROVIDER=DYNFLOW_REDIS_URL

I would like to know if it's possible to override this and provide more advanced connection options to the Redis client as documented here https://github.com/redis-rb/redis-client#configuration

The Rails cache as far as I can tell does support custom options and fully merges those into the client https://github.com/theforeman/foreman/blob/develop/config/application.rb#L305-L313, so I'm assuming it supports everything, but haven't tested Sentinels with it yet.

re: https://community.theforeman.org/t/foreman-redis-sentinel/26495