Document: CLB specification

Reviewer: Binod
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Reference	Location	Review Comments	Author's response	Status
minor-1	Section Glossary	It might be good to add what is "proxy"		
Medium-2	Section 1.3	I thought we are also adding weighted load balancing.		
Medium-3	Section 1.3	Wouldnt Load regulation or overload protection be implemented?		
Minor-4	Figure-2	It is mentioned that application has a context root. We can be bit more explicitly state that it is only for HTTP		
Minor-5	Figure-2	Isnt there also a relation between request and listener?		
Minor-6	Section 2.4.1	Isnt step 2 covered in Step 3? If not, what is the difference?		
Medium-7	Section 2.4.1.2.1	Instead of specifying the "sip" and "http" directly, you can design it as a protocol agnostic and use "sip" and "http" as the supported protocols.		
Medium-8	Section 2.4.1.2.1	Why is reload-poll-interval a property?		
Minor-9	Section 2.4.1.2.1	You could intend		

		the "cluster" explicitly as a sub-element of the load balancer.		
Minor-10	-do-	In the "cluster sublements" table, the "property" row seem to have an incomplete sentence.		
Medium-11	-do-	Disable-timeout has been specified at the instance level. May be it could be at the cluster level and over-ridable at instance level.		
Minor-12	Section 2.4.1.3.1	Some examples of DCR files may be good		
Medium-13	Section 2.4.2	Shouldnt there be some amount of monitoring support?		
Major-14	General	Why cant DCR dtd be merged with load balancer DTD?		
Minor-15	Section 2.4.2.1	The end part of this section has numbered list. It seems numbering is not correct.		
Medium-16	Section 2.4.2.2.1	As per the recent discussions CLB might get requests from a component in the connector rather than the catalina container		
Medium-17	General	Will it be possible to use "round-robin" policy in webside of the		

		converged appllications?		
Minor-18	Section 2.4.2.2.3	Sip responses always will have the routing information, right?		
Minor-19	Section 2.4.2.4	Why do you need two different names for the cookies?		
Medium-20	Section 2.4.2.6	Even when CLB is a spectator, you need to use GMS apis. So, what is the reference to the GMS client apis in the second bullet point? If CLB is part of self-loadbalance cluster, then you would be able to use the GMS events as a normal member, right?		
Major-21	Section 2.4.2.7	I think the understanding of the replication team is that the quieicing will continue only until the sip transaction ends. By doing this, we can (almost) avoid the concurrent access to the same session in two instances.		
Medium-22	Section 2.6.1 IF8	Isnt something like proxy-header needed for sip as well?		
Medium-23	Section 5.2	Cant we use an event to trigger the dynamic reconfiguration rather than using		

		reload-polling-interval		
Medium-24	Section 6	Packaging of the jars will be specified in Naman's spec for packaging and installation		
Medium-25	Section 8.1.2	Isnt there an implicit step that in the step1, the server will add contact header in such a way that the callee will contact IP sprayer rather than the instance?		
Medium-26	General	Shouldnt there be a way to configure IP sprayer address somewhere?		
Medium-27	General	How long GMS take to inform the CLB about the instance failure? Will there be any timing issue? How is it handled?		
Medium-27	General	How are false failover notifications handled?		
Medium-28	General	The fail-over cases need to be explained as specific usecases.		
Medium-29	General	It might be good to explain what is the domain.xml DTD for CLB in this spec also. That will give a complete picture.		
Medium-30	General	It might be good to explain the CLI		

		commands, atleast a high level overvew		
Medium-31	General	How does consistent hashing work for HTTP/ConvergedS ession requests? Can you add a section for this?		

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