eosDAC Development team report

Period 2020/06

The intent of the development team reports has been to help translate technical language into a descriptive narrative to help investors, DAC members, and the general public, to understand where we are, progress made, and pending issues.

This is the third report, for the June period. The first report reflected the discontent about the development group's progress by different users, token holders, investors, and custodians, and concluded on the need to generate metrics to support the opinion.

The second report reflected that although discontented users made a lot of noise, it was the opinion of few, because in the referendums to measure that opinion, very few signatures were obtained. The second report concluded that the action of not approving payments further affected the speed of development, to the point of stopping it completely.

Without participation a DAC does not move

In June, we focused on analyzing the participation of the custodians and their response speed to authorize proposals or payments. In case of not approving them, we tried to get a reason for their disapproval and asked to propose what changes were necessary to obtain their signature. Custodian by custodian was tabulated, which requests they signed and approved, and which they didn’t.

The result reflected a very marked trend. Most custodians who voted to approve payments did not endorse the discontent community referendums with their signature. Most custodians who voted for the referendums in discontent did not approve of the payments. Not everyone, but it was a trend.

Another point that was reflected in tabulating custodian participation was that both groups were in favor of releasing the newly developed code. Regardless of their opinion on payments, both groups wanted to move forward, and they backed it by approving the code changes. What is interesting is that even with the signature of both groups, not enough signatures were achieved for the release of the code. This helped identify a third group: those who did not vote at all.

A third group was identified, three custodians who did not approve any request. Three custodians out of twelve are enough to completely block any code changes. The code changes require a total of 10 signatures, and with only 9 active custodians, no change would be achieved even with 100% of the signatures. This is a potential attack vector.

	angeljeffrey	brockpierce1	cream5eosdac	criseosdacio	dallasjohnso	eosdacioveu	greentreesom	jbucksteiner	khaleesiwang	lukeeosproxy	mryeateshere	soyoungkimsk	spaceinvader	count
approve payments														
Agree on approve future payments for DAC Factory related work	x						x	x	x	x	x		x	7
Pending payments for April and Feb WPs					x		x	x	x	x	x		x	7
May Dac Factory and DAC Client Management					x		x			x	x		x	5
May regular deliverable - DAC Process and Strategy					x		x		x	x	x		x	6
May regular deliverable - Block Production					x		x			x	x		x	5
May regular deliverable - Community and Comms					x		x			x	x		x	5
														35
reject payments														
Cash reserve report for DAC's financial reassessment. (1/6)	x			x						x		x		4
Monthly goal and progress report. (2/6)	x			x						x	x	x	x	6
Individual WP and payment upon delivery (3/6)	x			x						x		x	x	5
Reducing BP Payment when we are in Standby (4/6)	x			x						x		x		4
Lower the base payment and implement 'bonus' upon milestone (5/6)	x			x						x	x	x		5
Necessity of Dacoco (6/6)	x									x				2
														26
release new code														
Update eosdactokens contracts and abi	x			x	x		x	x	x	x	x		x	9
Add stakeobsv Link Authorization for eosdactokens contract	x			x	x		x	x	x	x	x		x	9
eosDAC candidate summary for B1 votes	x				x		x		x	x	x		x	7
														25
participation level	**67%**	**0%**	**0%**	**47%**	**53%**	**0%**	**60%**	**27%**	**40%**	**100%**	**73%**	**33%**	**73%**	

A lot if time during this month was invested understanding the custodians' involvement, contact each of them individually, understand their point of view, and seek the solution to move forward. After hard work, the necessary votes were obtained.

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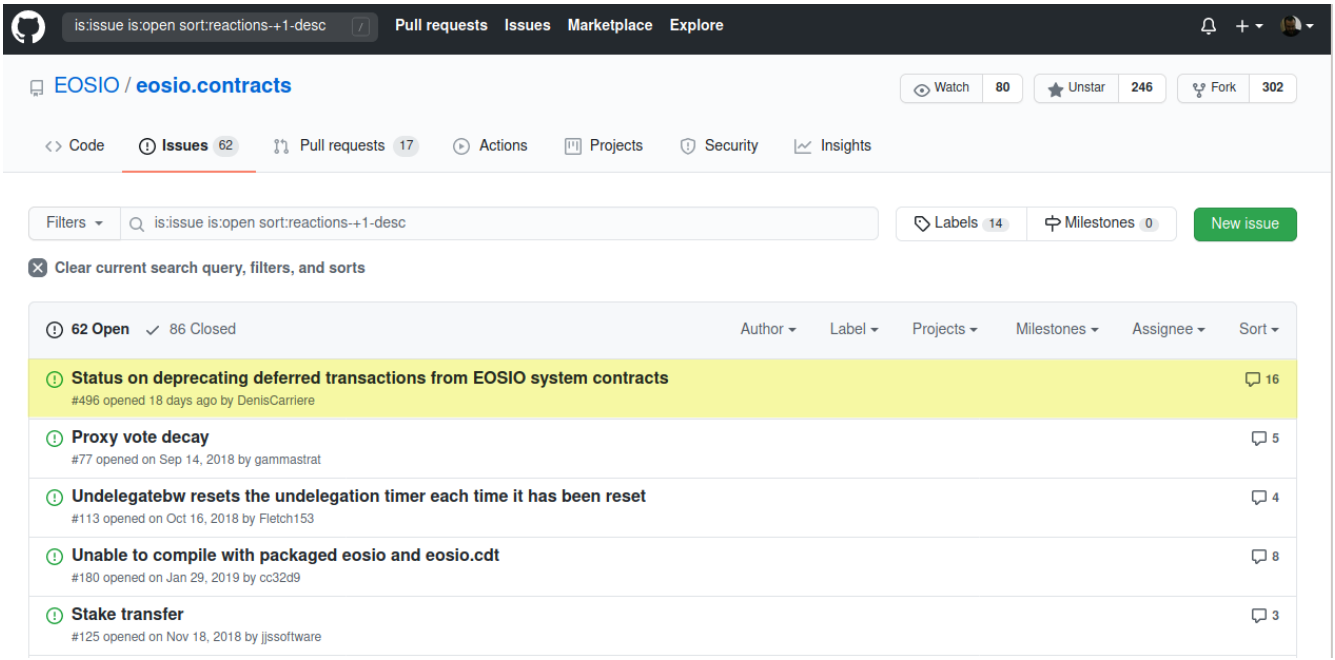
approve payments													
Agree on approve future payments for DAC Factory related work	x	x	x		x		x	x	x	x	x	x	10
Pending payments for April and Feb WPs		x			x	x	x	x	x	x	x	x	9
May Dac Factory and DAC Client Management		x			x	x	x	x	x	x	x	x	9
May regular deliverable - DAC Process and Strategy		x			x	x	x	x	x	x		x	8
May regular deliverable - Block Production		x			x	x	x	x	x	x	x	x	9
May regular deliverable - Community and Comms		x			x	x	x	x	x	x	x	x	9
													54
reject payments													
Cash reserve report for DAC's financial reassessment. (1/6)	x			x					x		x		4
Monthly goal and progress report. (2/6)	x			x					x	x	x	x	6
Individual WP and payment upon delivery (3/6)	x			x					x		x	x	5
Reducing BP Payment when we are in Standby (4/6)	x			x					x		x		4
Lower the base payment and implement 'bonus' upon milestone (5/6)	x			x					x	x	x		5
Necessity of Dacoco (6/6)	x								x				2
													26
release new code													
Update eosdactokens contracts and abi	x		x	x	x		x	x	x	x	x	x	10
Add stakeobsv Link Authorization for eosdactokens contract	x		x	x	x		x	x	x	x	x	x	10
eosDAC candidate summary for B1 votes	x		x		x		x	x	x	x	x	x	9
													29
participation level	**67%**	**40%**	**27%**	**47%**	**60%**	**33%**	**60%**	**60%**	**100%**	**73%**	**87%**	**73%**	

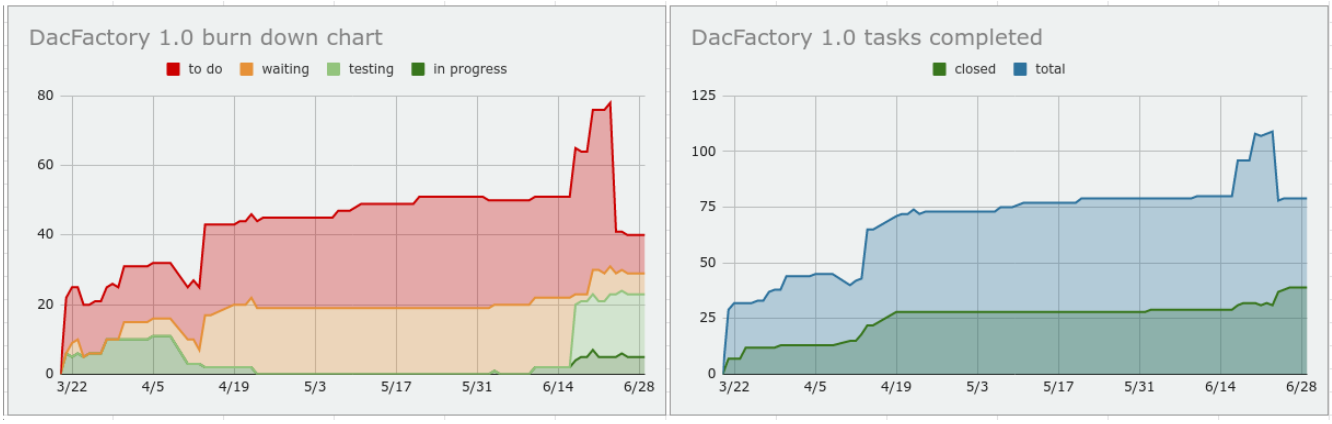
All the necessary signatures were obtained, but when operating the transaction, the mainnet network suffed from congestion, affecting all transactions with multi-signatures. At the time of writing this report all DACs are not working because for this. Solutions are being worked on by both the eosDAC development team and Block.one. In the ticket system, it is the ticket with most activity.



Despite being the ticket with most activity, there is no scheduled date. This again reflects that the development of the dacfactory is a moving objective, and developing on state-of-the-art technology makes it impossible to foresee a dacfactory publication date.

The future is not that bleak

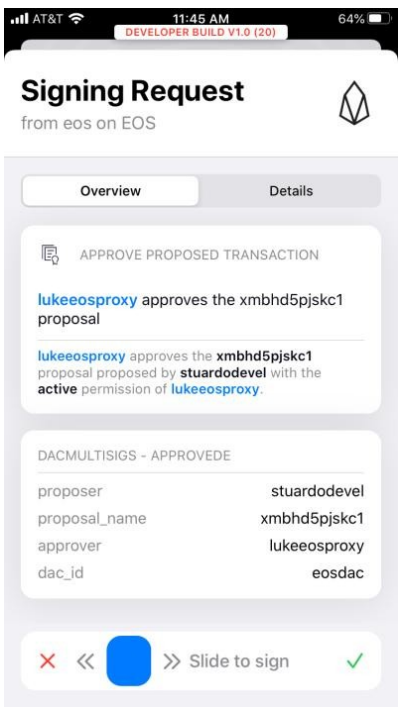
The change in custodian involvement has motivated developers to get back on the job. Many of the issues waiting to be tested were moved to a test environment created from scratch to test the entire cycle of creating a new DAC by applying the latest code changes. A point-by-point review was made of all the tasks listed, redefining the scope necessary for the release of the dacfactory. All non-critical issues were planned for a next version. Development has been revived.

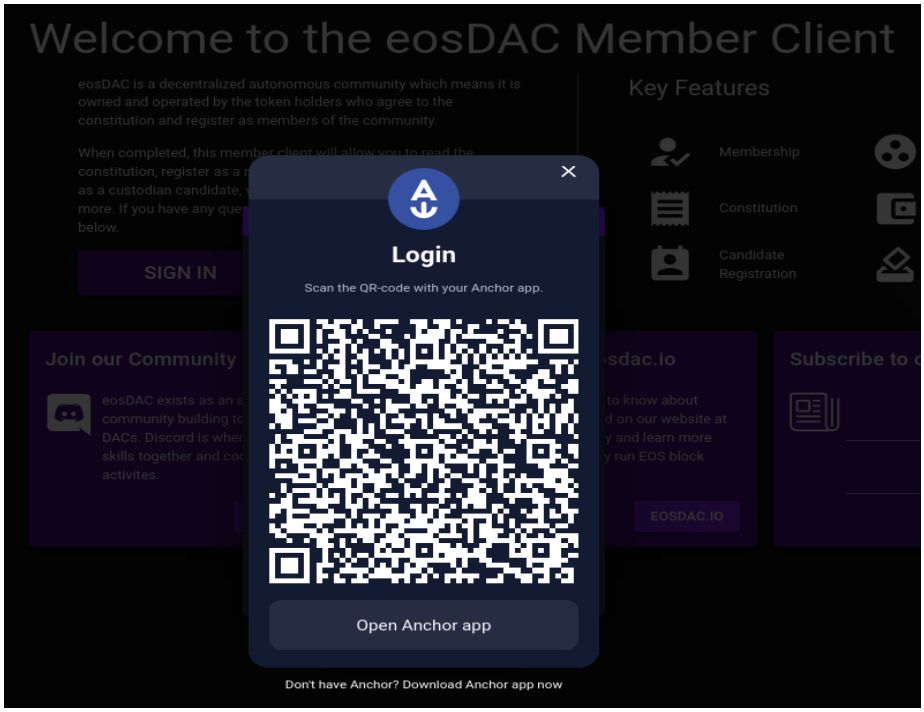


Among the most impressive development during this month, I would like to highlight:

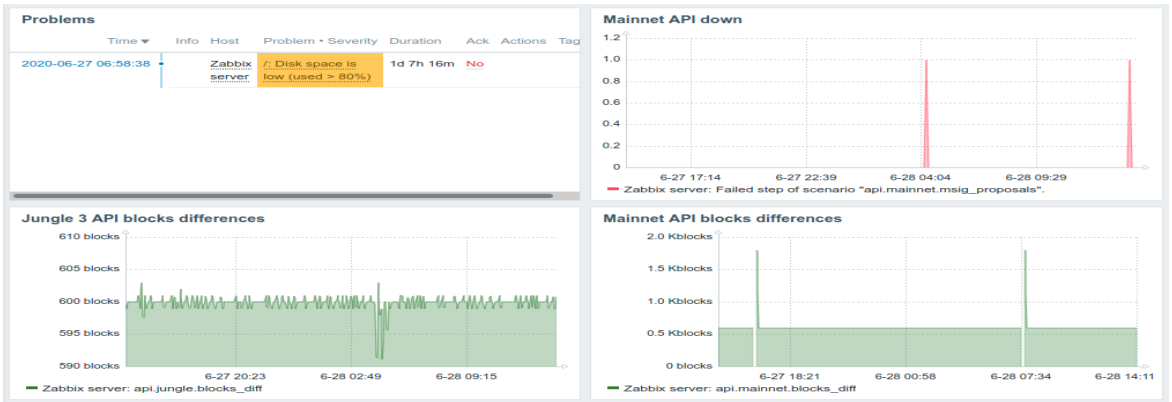
1. Integration with Greymass Anchor, an EOS client that is replacing Scatter because of its active development. The biggest advantage you have with Anchor is that you can now enroll as a DAC member, vote, approve proposals, and take any action within the dacclient, without having funds staked in CPU or NET, greatly improving the user experience.

   Anchor is also working on a phone version, so we will soon be able to vote and participate in a DAC from the phone. For both integrations there was constant communication between the eosDAC development team and Greymass.

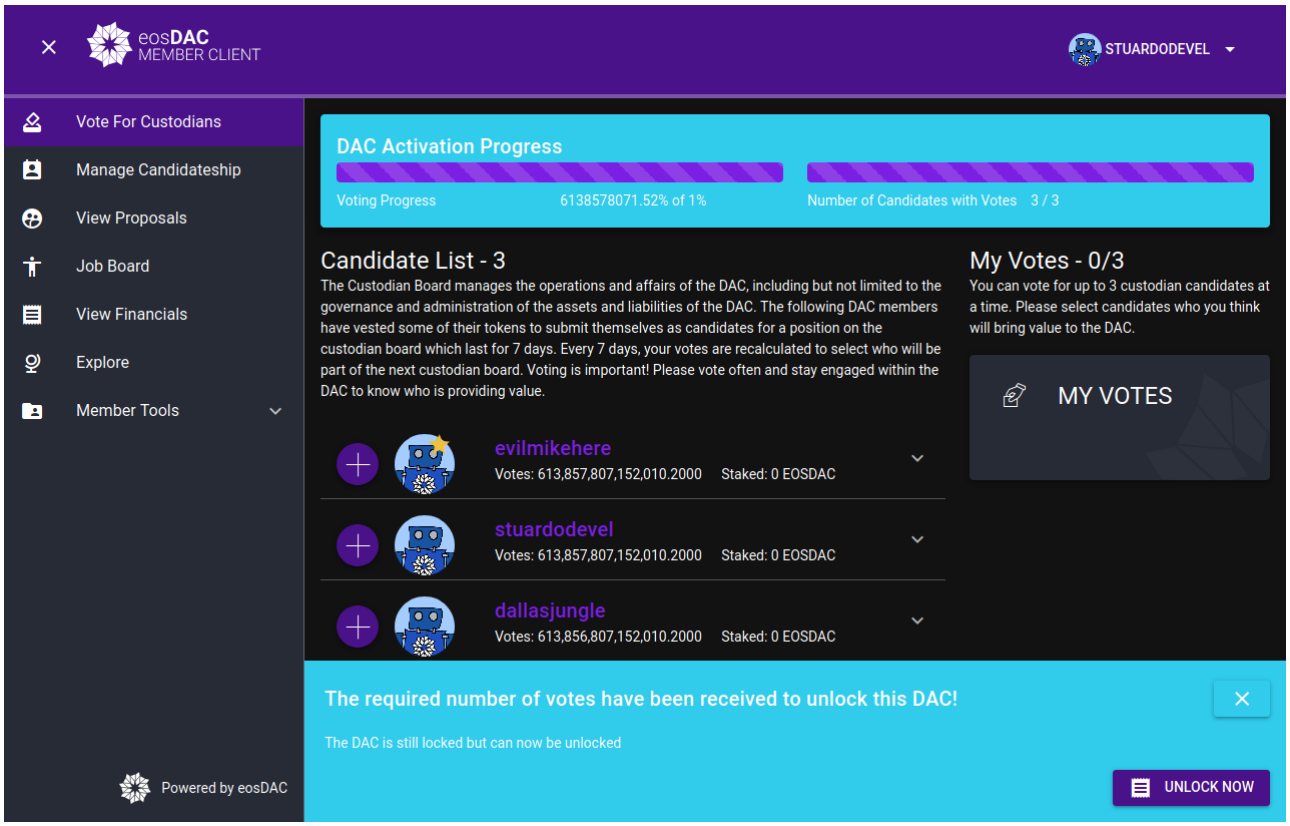




2. There were many reports of problems with the API, which is where the dacclient gets the data from. The source of the problem could not be identified. In order to accurately determine the reason for the problem, a monitoring system was implemented that detected drops in service. It also monitors the delay difference between the current blocks and the blocks read by the API. The monitoring system will allow identifying problems in the future.



3. Release of the dacfactory in Jungle 3. Version 2 of the test network was abandoned as new eosio improvements are being tested only in Jungle 3. Work was done on releasing the entire dacfactory system for Jungle 3, including nodes, publishing the code in the chain, creating permissions, etc. This will allow us to share the system with other people so they can use the system and can report problems they find. Only if the system is used by people who did not develop it, can we have the confidence to release dacafactory to the public.



4. The dacfactory, like the dacclient, is made up of multiple systems that work together: the systems on chain, the API that collects the data, and the user interface that is what the user interacts with. This month the repository of the dacfactory user interface was made public in order to publish cases related to that interface. This reflected a very noticeable rise in the to-do graph.

   By having the cases public, we allow anyone to work, monitor, follow up work, and close them. Some issues are already being worked and this brings us closer to the date of releasing the dacfactory.

   Other repositories related to the dacfactory remain private.

When dacfactory? When moon?

The million dollar question is "when will the dacfactory be finished?" As previously stated, at this time it is very difficult to calculate the date. What you have is a measurement of the amount of work pending, and the amount of work in progress. This reflects the need for more developers and people to test the system in order to pass quality control.

Today, all eosDAC is being supported by two people:

1. Dallas Johnson, who develops the on-chain systems code (smart contracts), writes the code for test automation for code quality control.

2. Michael Yeates, who also writes the systems code in the chain, does code review, writes the dacfactory code, writes the user interface systems (GUI) code for the dacfactory and the dacclient, manages block production servers for EOS mainnet, WAX, Jungle, and many more.

The to-do graph draws a mountain of work, and that's how it feels. More dedicated part-time or full-time people are needed to join the development team. Today we are not clear about the allocation of funds, to know how much budget is available, to know if someone could be hired or not.

As stated at the beginning of the document, the intention of this report is to translate technical language for non-technical people. It is my personal opinion that in order to move forward we need reports that help translate the financial language for those of us who are not financial in order to understand what resources we have to speed up the pace.

Stuardo Rodríguez