

Audit Report

Professional Ecosystem Actor : Jetstream

Audit ID: 2023-11-Jetstream

Audit Cycle: 2023-11/1

Audit Result: Approved with comments

Audit Date: 2024-01-08

Submission Date: 2023-12-26

Facilitator contact: @0xdeniz

Professional Ecosystem Actor Clarification Received on Date:

Transparency report: <https://expenses.makerdao.network/ecosystem-actors/JETSTREAM/finances/reports>

MakerDAO Approved Executive 2023-07-16

MIP106: Support Scope Bounded Mutable Alignment Artifact

MIP108: Accessibility Scope Bounded Mutable Alignment Artifact



#	Audit Question					Audit Assessment	Ecosystem Actor Clarification	Immediate Jetstream Action to improve transparency report	Medium Term Jetstream Action to improve transparency report
	The Jetstream Professional Ecosystem Actor report's standard structure includes Actuals, forecasts, MKR vesting, transfers, and comments. This audit assessment will be based on the data available on the MakerDAO finances dashboard.								
						Yes: Jetstream Operational Wallet quorum (4:7)			
	Is the Multi-sig operational wallet setup correct?					Controlled by the Jetstream team Eth Address: 0x3214b48Fc628f33ed0034d66c634f72Af3df6577 Signers: eth:0xC3D167553D95CAAB71d0AE746AeaeF8da686b84F eth:0x7060225e382599D45B2e1Dd461b78Afc84732B2 eth:0x2E90C42f7E66d1777ea58f02Dbf9F496e2b1129e eth:0x5689899E73e07a85586D01f2b5b07559C1Fb1d7D eth:0x65b31b7B4F38b92CF70390DE90910E4C56f59467 eth:0xEED7EF9113A43D0fCCD8A5b2Aa0c4F220cc60f97 eth:0xa8cD966f7e8975eE71C602CA966B678Ea3Dd42B1			
0.1		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
	Is the Jetstream operational wallet controlled by more than 1 signer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes, the Jetstream operational wallet has a current policy of 4 out of 7 signers			
0.2									
	Is the Multi-sig Auditor Wallet the same as described in the approved executive proposal?					Yes: Jetstream Auditor Wallet quorum (2:3)			
						Controlled by the SES Core Unit. Address: eth: 0xF478A08C41ad06E8D957d5e6B6Bcde7452cEE962 Signers: Accountant Role Wallet 0xA2A855Ac8D2a92e8A5a437690875261535c8320C Auditor Role Wallet 0x88B3e82A55c5215d0499Da4bBd63fc3e43F26232 MCD-Pause_Proxy 0xBE8E3e3618f7474F8cB1d074A26afFe007E98FB			
0.3		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
	Has the Auditor wallet received the Dai funds from stream N35?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
0.4									
	Has the Auditor wallet received the MKR funds from stream N41?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
0.5									
	Has the Jetstream operational wallet received the funds requested in the last Budget Statement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
0.6									
	Has the Jetstream Auditor wallet sufficient funds for transfer to the Jetstream operational wallet?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
0.7									
Audit Questions to Transparency Report - Section 1. Last Month Actuals -									
1.1	Is the transparency report actual's forecast the same as the last published forecast for the same month?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
1.2	Are the differences between forecast and actuals explained in the transparency report?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
1.3	Are the Jetstream actual expenses within the monthly approved buget cap 164,667.00 DAI?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
1.4	Are the Jetstream actual expenses within the quarterly budget cap?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
	Has the Jetstream Compensation & Benefits any significant deviations between forecast and actuals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.	"Difference due to exchange rate."		
1.5									
	Has the Jetstream Gas Expense any significant deviation between forecast and actuals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No actuals in the budget statement for this category.			
1.6									

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1.7	Has the Jetstream Professional Services any significant deviations between forecast and actuals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No.			
1.8	Has the Jetstream Admin Expense any significant deviation between forecast and actuals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.	"Difference due to exchange rate."		
1.9	Has the Jetstream Software Expense any significant deviations between forecast and actuals?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes, the actuals are higher than the forecast.	"Slightly higher software expenses + 17,550 Alchemy payment."		Jetstream needs review to regulate the forecast for Software expenses to minimize the diff. gap as much as possible.
1.10	Has the Jetstream Software Development Expense any significant deviations between forecast and actuals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No actuals in the budget statement for this category.			
1.11	Has the Jetstream Travel & Entertainment any significant deviation between the forecast and the actuals?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The actuals are lower than the forecast.	"No outstanding reason for difference."		Improve the clarifying reason for the diff.
1.12	Has the Jetstream Recruiting fees any significant deviation between the forecast and the actuals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No actuals in the budget statement for this category.			
1.13	Has the Jetstream any significant deviation between the total actuals and the total payments?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes. Due to positive balance with payment service provider.			
1.14	Has the Jetstream presented the correct calculation of amounts for the actuals, forecast and difference?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
1.15	Does the Actual total amount match the on-chain payments for this month?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.	"Slightly higher software expenses + 17,550 Alchemy payment."		
1.16	Has the Jetstream budget statement any budget category that seems inconsistent and needs further investigation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No.			
Audit Questions to Transparency Report - Section 2. Budget Forecast -									
2.1	Are the monthly forecast totals within the approved monthly budget caps?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
2.2	Is the 3-month forecast within the bounds of the approved budget caps?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
2.3	Has the Jetstream presented the correct calculation of amounts in the forecast table?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
Audit Questions to Section Transparency Report - Section 3. MKR Vesting Overview -									
3.1	Has the Jetstream indicated the number of FTE in the transparency report's MKR vesting overview?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Jetstream has 1,619.93 MKR approved budget. Jetstream requests currently to receive 89.17 MKR per month.			
3.2	Has Jetstream changed the MKR amounts comparing it to last month?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No, Jetstream will receive the same MKR amount every month.			
3.3	Has Jetstream explained the MKR change in the transparency report?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A			
3.4	Has the Operational wallet received the monthly MKR for the previous month?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
3.5	Other Observations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No			
Audit Questions to Transparency Report - Section 4. Transfers -									
4.1	Does the Jetstream operational wallet balances match the transparency report current balance in the calculation made for the new transfer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes, manual calculation made.			

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4.2	Are the payments from the operational wallet the same as in the actual section payments?	<div><input checked="" type="checkbox"/></div>	<div><input type="checkbox"/></div>	<div><input type="checkbox"/></div>	<div><input type="checkbox"/></div>	Yes.			
4.3	Are the values in the Jetstream Accounts Snapshot table correct?	<div><input checked="" type="checkbox"/></div>	<div><input type="checkbox"/></div>	<div><input type="checkbox"/></div>	<div><input type="checkbox"/></div>	Yes.			
4.5	Other Observations	<div><input checked="" type="checkbox"/></div>	<div><input type="checkbox"/></div>	<div><input type="checkbox"/></div>	<div><input type="checkbox"/></div>	No.			