

Minutes of the 9th Meeting of the seL4 Board

2022-10-13 08:00 to 09:45 UTC

Munich, Germany and Zoom

Members present

- Gernot Heiser (GH) Chair
- David Hardin (DH)
- Gerwin Klein (GK)
- Mao Lei (ML) for Feng Zhou, Horizon
- June Andronick (JA)
- Matthew Grosvenor (MC)
- Olivier Engelkes (OE)

Members absent

- Feng Zhou (FZ)
- Qiyan Wang (QW)

The meeting commenced at 8:05 UTC.

1. Confirmation of minutes of previous meeting

RESOLVED: Draft minutes of 8th meeting, of 2022-04-05 to 2022-04-12, are confirmed

- 2. Matters arising from minutes of previous meetings
 - 220225: see Agenda Item 6: Proposal for supporting more verified platforms
- 3. Update from the Chair

GH updated the Board on:

- the seL4 Summit, which by all indications was an excellent and successful event
- the Trustworthy Systems Group at UNSW being stable and growing
- 4. Update from the TSC Chair and matters arising

GK updated the Board on recent developments

5. Update from the CEO and matters arising

JA provided an extensive update covering:

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- Actual and projected revenue
- actual and projected expenses
- budget proposals

This was discussed at length.

6. Supporting more verified platform

GK presented a proposal for automated tests for multiple verification platforms.

GH and JA declared a conflict of interest.

RESOLVED: Proofcraft to be contracted to implement the proposal for automated tests for multiple verification platforms.

Note: This expense is against the "conditionally approved" budget item, meaning it will be contracted once the budgeted revenue has materialised.

7. Budget

JA presented the budget for the reminder of 2022 and all of 2023.

JA and GK declared a conflict of interest in verification tasks proposed to be performed by Proofcraft, and JA's CEO role. GH declared a conflict of interest in regard to the support work to be contracted to UNSW.

RESOLVED: The 2022 and 2023 budget is approved as amended.

8. Future meetings

The next Board Meeting will likely be within 1–2 months after the election of the General Members representative (and the AGM)

9. **AOB**

Nothing raised under this item.

All business having been dealt with, the meeting closed on 9:40 UTC.

ACTION SUMMARY

No pending actions

Meeting Attendance

Current financial year, starting 2022-01-01:

Name	Eligible	Attended
Gernot Heiser	3	3
June Andronick	3	3
Matthew Grosvenor	3	2
David Hardin	3	3
Olivier Engelkes	3	3
Gerwin Klein	3	3
Qiyan Wang	3	2
lan Xu	3	2

Name	Eligible	Attended
Feng Zhou	3	2

Acronyms

TS The Trustworthy Systems research group at UNSW Sydney
LF The Linux® Foundation
TSC The Technical Steering Committee of the seL4 Foundation
CC The Compliance Committee of the seL4 Foundation
OC The Outreach Committee of the seL4 Foundation
MC The Marketing Committee of the seL4 Foundation

Signed as a true record 2023-10-02

Budget - BM 2022-10-13									••••							
Incomo	2022								2023							
Income:	•	20.745							Income:		450.044					
Carry-over from previous year		339,715 149,540							Carry-over (confirmed) Income 2022 invoiced but still unpaid	\$	159,011	e	182,000			
Income to date this year									Income forecast 2022			\$	182,000	•	4 250	
Income forecast	\$	1,250 82,000							Summit recovered costs forecast					\$	1,250 60,000	
Income invoiced but still unpaid	\$ 1	82,000							Income forecast 2023 - General					\$		
														\$	103,513	
									Income forecast 2023 - Premium					\$	189,583	
									Income forecast 2023 - Total					\$	293,096	
									Income forecast 2022+2022+recovered costs					Þ	354,346	
Tatal available a ava		.00 055							T-4-1	-						
Total available now		89,255							Total available now	\$	159,011		044.044			
Total available forecast	\$ 7	790,505							Total available once invoiced paid			\$	341,011			
									Total available forecast					\$	695,357	
F		4		0	D-			la a con al	F	Door	l		1-1:4: 1	A -1	-liki l	N-4
Expenses:	App	ast proved dget	_3	<u>Spent</u>		maining mmitted		Insued oudget	Expenses:	Budget to be approved		Additional budget to be conditionally approved (1st priority)		bud cond ap	ditional get to be ditionally proved I priority)	Notes
Legal:									Legal:							
Legal (TM)	\$	4,187	\$	3,537	\$	-	\$	650	Legal (TM)	\$	10,000					
IT & Infrastructure:									IT & Infrastructure:							
IT (Mail hosting, server hosting)	\$	135	\$	423	\$	180	\$	(468)	IT (Mail hosting, server hosting)	\$	1,000					
HW for native web server	\$	2,000	\$	-	\$	-	\$	2,000	Hardware (boards and native web server)	\$	7,000					
CI hardware	\$	5,000	\$	-	\$	-	\$	5,000	Infrastructure support	\$	35,000					[1]
Infrastructure support	\$	35,000	\$	-	\$	-	\$	35,000								
Events:									Events:							
seL4 Summit	\$ 1	20,000	\$	-	\$	105,000	\$	15,000	seL4 Summit			\$	120,000			
Leadership and Admin:									Leadership and Admin:							
CEO	\$	39,466	\$	26,091	\$	12,800	\$	575	CEO	\$	40,000					[2]
Admin- Project coordinator	\$	35,714	\$	24,346	\$	9,291	\$	2,077	Admin- Project coordinator	\$	35,000					[1]
									Buffer	\$	10,000					[1][2]
Verification:									Travel					\$	5,000	[1][2]
MCS AC (investigation for Access Control model)	\$	35,000	\$	-	\$	35,000	\$	-	Verification:							
Proof improv. 2 - (FastPathEquiv)	\$	41,000	\$	-	\$	41,000	\$	-	Next roadmap items					\$	200,000	[2][3]
MCS Start of CRefine	\$ 1	00,000	\$	100,000	\$	-	\$	-								
Big-ticket: MCS verification (through donation)						ations ma										
Big-ticket: AArch64 verification (through donation)						sed to set correspon										
Big-ticket: Multicore verification (through donation) Next roadmap item		act to pe	11011	II WOLK III	i uic	correspon	unig	project)								
•									Systems & Community:							
Systems & Community: Contract for support (Initial 6 month contract)	\$	90,000	\$	10,836	\$	54.500	\$	24,664	Contract for Systems and Community Support			\$	60,000	\$	60,000	
Driver Framework		-		25,240	\$	54,500	\$	24,760				φ	60,000	\$	50,000	
	-	50,000	\$	25,240	\$	-	\$	20,000	Specific projects					Ψ	50,000	
Reference training Further Technical Support	\$	20,000	φ	-	Φ	-	-D	20,000								
									Othor							
Other:	s	5,000	\$		\$		\$	5,000	Other:	\$	5,000					
Contingency	-	10,000	\$		\$		\$	10,000	Contingency	Ą	3,000			\$	10,000	[2]
Marketing	Þ	10,000	φ		φ		φ	10,000	Marketing					Ψ	10,000	[2]
Totals:									Totals:							
Totals expenses	\$ 5	92,502	\$	190,473	\$	257,771	\$	144,258	Totals expenses	\$	143,000	\$	180,000	\$	325,000	
Total Spent	\$ 1	90,473							Balance	\$	16,011					
Total Remaining Committed	\$ 2	257,771							Balance forecast			\$	18,011	\$	47,357	
Total Expenses already confirmed or committed	\$ 4	148,244														
Carry-over (confirmed)	\$ 1	159,011							To be approved	\$	143,000					
Carry-over (if all invoices paid)	\$ 3	341,011							To be conditionally approved (if invoices paid)			\$	180,000			
Carry-over (with additional income forecast)	, ,	, 5 1 1							To be conditionally approved					\$	325,000	
	\$ 3	342,261							(if forecasted revenue confirms)						020,000	
									[1] Gernot is conflicted as this item would be contra	acted to	LINSW					
												foroff				
									[2] June is conflicted as this item would be contract							
									[3] Gerwin is conflicted as this item would be contra	acted to	Proofcraft					