Minutes of the 8th Meeting of the seL4 Board

2022-04-05 05:00 to 2022-04-12 05:00 UTC

By Email

Members present

- Gernot Heiser (GH) – Chair
- David Hardin (DH)
- Feng Zhou (FZ)
- Gerwin Klein (GK)
- Ian Xu (IX)
- June Andronick (JA)
- Matthew Grosvenor (MC)
- Olivier Engelkes (OE)
- Qiyan Wang (QW)

Observers present

- Birgit Brecknell

The meeting commenced at 05:00 on 2022-04-05 UTC.

1. **Confirmation of minutes of previous meeting**

   RESOLVED: Draft minutes of 7th meeting, of 2022-02-24 to 2022-03-04 UTC, are confirmed

2. **Matters arising from minutes of previous meetings**

   - 220225: Proposal for supporting more verified platforms
     Held over to a future meeting.

3. **For noting**

   (a) Election of General Members Board representative returned David Hardin from Raytheon Technologies uncontested.

4. **Election of Officers**

   (a) **GH was unanimously elected Chairman**
   (b) **JA was unanimously elected Treasurer**

5. **Board committees and membership:**

   RESOLVED: The Board committees continue as follows:

   - Compliance Committee (CC)
       – Members: GH, JA, GK
   - Outreach Committee (OC)
       – Members: GH, JA, DH
   - Marketing Committee (MC)
       – Members: GH, JA

   Committees may co-opt members from the Foundation membership as appropriate.

6. **Planning for seL4 Summit**

   The Board received and discussed JA's update on the planning for the seL4 Summit, planned for October in Europe.

7. **Budget**

   JA presented the revised 2022 budget, amendments from the previously approved budget being:

   - authorisation of expenses for the seL4 Summit
   - authorisation to direct donations to specific "big ticket" verification items according to the wishes of the donors, to be contracted to Proofcraft.

   JA and GK declared an interest in the "big ticket" verification items, as well as some previously approved budget items affecting Proofcraft.
   GH declared an interest in previously approved budget items affecting UNSW.

   RESOLVED: The 2022 budget is approved as proposed.

8. **Future meetings**

   A future meeting will discuss strategy, including the proposal (220225) for more verified platforms. A meeting will likely be held at the Summit. Other meetings will be called on demand. The meetings may be held by zoom or email.

9. **AOB**

   GH informed the Board that since the commencement of the meeting he was informed that the seL4 trademark has been registered in the USA.

   No further issues were raised.

The meeting closed at 05:00 on 2022-04-12 UTC.

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ACTION SUMMARY

From	Item	Owner	Status	Action
22-02-25	11	GK	**TBD**	Proposal for supporting more verified platforms

Meeting Attendance

Current financial year, starting 2022-01-01:

Name	Eligible	Attended
Gernot Heiser	2	2
June Andronick	2	2
Olivier Engelkes	2	2
Matthew Grosvenor	2	1
David Hardin	2	2
Gerwin Klein	2	2
Qiyan Wang	2	2
Ian Xu	2	2
Feng Zhou	2	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

ATTACHMENTS: Budget on next page

Budget - BM 2022-04-05								
	Apr'2021 to Dec'2021			2022				
Income:								
Carry-over from previous year	$ 33,491			$ 339,715				
Income to date this year	$ 417,008			$ 405,633				
Income forecast				$ 16,380				
Total available now	**$ 450,498**			**$ 745,348**				
Total available forecast				*$ 761,728*				

Expenses:	Last Approved budget	Spent	Left budget	Approved budget 2022	Total Budget 2022	New item for approval	Future Expenses + options	Notes
Services:								
Legal (TM)	$ 20,000	$ 15,813	$ 4,187		$ 4,187		$ 15,000	
Mail hosting	$ 540	$ 405	$ 135		$ 135		$ 540	
Marketing	$ 10,000	$ -	$ 10,000		$ 10,000			
Infrastructure:								
HW for native web server	$ 2,000	$ -	$ 2,000		$ 2,000			
CI hardware	$ 5,000	$ -	$ 5,000		$ 5,000			
CI Infrastructure (hardware) setup	$ 16,000	$ 16,000	$ -					
CI Infrastructure (software) setup	$ 15,000	$ 15,000	$ -					
Infrastructure support	$ 10,000	$ 10,000	$ -	$ 35,000	$ 35,000			
Leadership and Admin:								
CEO	$ 21,667	$ 22,200	$ (534)	$ 40,000	$ 39,466			
Admin- Project coordinator	$ 5,868	$ 5,364.00	$ 504	$ 35,210	$ 35,714			
Verification:								
MCS full stack preparation (AC) - (investigation for Access Control model)	$ 35,000		$ 35,000		$ 35,000			
Proof improv. 1 - (NumDomains & AbsConfig)	$ 26,000	$ 26,000.00	$ -					
Proof improv. 2 - (FastPathEquiv)	$ 41,000		$ 41,000		$ 41,000			
Next roadmap item: start MCS CRefine	$ 100,000		$ 100,000		$ 100,000			
Next roadmap item							$ 100,000	*(as budget comes available)*
Big-ticket: MCS verification						Donation marked for this project will be allocated to this budget item		
Big-ticket: AArch64 verification						Donation marked for this project will be allocated to this budget item		
Big-ticket: Multicore verification						Donation marked for this project will be allocated to this budget item		
Systems & Community:								
Contract for support (Initial 6 month contract)	$ 30,000		$ 30,000	$ 60,000	$ 90,000			
Further Technical Support							$ 100,000	*(as budget comes available)*
Reference training	$ 20,000		$ 20,000		$ 20,000			
Driver Framework	$ 50,000		$ 50,000		$ 50,000			Will only need half
Events:								
seL4 Summit						$ 120,000		
Misc:								
Contingency	$ 5,000	$ -	$ 5,000		$ 5,000			
Totals:								
Totals expenses	$ 413,075	$ 110,783	$ 302,292		$ 472,502	$ 120,000	$ 215,540	
Balance	$ 37,423		$ 148,206		$ 272,846	$ 152,846	$ (62,694)	
Balance forecast					$ 289,226	$ 169,226	$ (46,314)	
To be approved						$ 120,000		