



CIP Technical Steering Committee Meeting

Date: 10th May 2022.

Roll Call

TSC members (Alphabetical order by company name)

Attendees (Please change to **Bold**, if you attend this meeting) (Key shortcut: Ctrl+b)

Company	Members
Cybertrust	Hiroataka Motai (Representative) Hiraku Toyooka
Hitachi	Hidehiro Kawai (Representative) Takuo Koguchi
Linutronix	Jan Altenberg (Representative)
Moxa	Jimmy Chen (Representative)
Plat'Home	Masato Minda (Representative)
Renesas	Chris Paterson (CIP Testing WG Chair) Kento Yoshida Kazuhiro Fujita Takehisa Katayama (Representative) (Voting)
Siemens	Jan Kiszka (Representative) (Kernel Team Chair) Wolfgang Mauerer (Representative) (Voting) Urs Gleim Stefan Schroeder
Toshiba	Dinesh Kumar Kazuhiro Hayashi (Voting Representative) (CIP Core / Software Update Chair) Venkata Pyla Nobuhiro Iwamatsu (Kernel Maintainer) Shivanand Kuniyadar Yoshi Kobayashi (TSC Chair)
VES Solutions	Fred Night

	Josiah Holder
Denx	Pavel Machek (Kernel Maintainer)
	Ulrich Hecht (Kernel Developer)
Linux Foundation	Neal Caidin

Discussions

Security Working Group

Items need to be approved by TSC voting members

- None

Status updates

- **Progress for supporting IEC-62443-4 AIs:**
 - Overall Status
 - Main updates in this table are because of Renesas member moved task from in progress to on-hold and not started

Gitlab label	No of AIs	Remarks
Total	50	
Closed	5 6	Closed by Renesas
Resolved	11	These AIs need review/rework
ON-HOLD	5 9	Renesas moved tasks to ON-HOLD from IN-PROGRESS
In-progress	42 4	
Not-started	47 20	Renesas moved in progress to not started

- CIP member company wise status

CIP member company	in-progress	Resolved	On-hold	Closed	Not-started

Toshiba	0	9	5	3	1
Siemens	3	0 1	0	1	3
Renesas	9 1	0	0 3	0 1	4 1
Moxa	0	1	0	0	1
Total	12 4	11	5 8	4 5	9 6

- Current in-progress items are not updated since long time, all SWG members have been asked to update with correct status of action items before 09/May
- **Open position for chairman role (No update)**
 - SWG is looking for a person who can lead Security work group activities, so far no one has expressed interest
- **Update on discussion with BV (Bureau Veritas)/SZ**
 - SZ/BV has proposed to have meeting on 13th April
 - SWG will explain current status of IEC-62443-4-2 and 4-1 gap assessment action items one by one
 - <https://docs.google.com/presentation/d/1EphZZkwXRven2gAT9D5iCuAu865EqVp/edit#slide=id.p9>
 - SZ/BV to revert for feasibility to complete remaining action items and quotation etc
- Discussion point: Deciding owner role, following are the options proposed
 - 1. Promote all maintainers to owners (only have the owner role)
 - 2. One owner per member company
 - Reply(Toshiba): +1 (Not changed from the current way we are taking
 - We may need an additional rule like:
 - * "Owner" must be the active representative person
 - <https://lists.cip-project.org/g/cip-security/message/1643>
 - 3. Owner role to two LF members
 - Comments:
 - Cybertrust: Option 2 is fine. In case of that, we need to have at least one active person.
 - Hitachi: 2 is fine if it is fine from the certification perspective, and actually yes by Dinesh
 - Plat'home: 2 is good.
 - Renesas: 2 seems fine. But this is not a strong opinion.
 - Siemens: 2 is fine as well.
 - Pavel: no comment on this.
 - It seems mainly CIP needs to solve two issues for this task at the moment
 - Providing owner role to each CIP member company
 - Downgrading existing owners privileges who left CIP or not active

- What's the next step for this according to TSC members ? According to me, the following action is needed to conclude this topic ?
 - It seems mainly CIP needs to solve two issues for this task at the moment
 - Providing owner role to each CIP member company
 - Downgrading existing owners or maintainers privileges who left CIP or not active
- Reason for rejection of SWG CFP for Linux Security Summit North America 2022
 - Thanks to Neal for getting the information, following is the comment for rejection.
 - *Traditionally the Linux Security Summit focuses on new technologies and approaches used to secure Linux based solutions across a wide range of risks. While LSS does occasionally accept submissions that offer case studies on how these technologies are applied to specific solutions, there is generally something about the solutions themselves that are novel or of particular interest. Unfortunately, it was not clear to me from reading this abstract that the proposal was discussing a significantly new approach to applying Linux security best practices. In the future I would suggest the submitter focus more on the unique aspects of their proposal and less on the solution specific jargon.*
- Discussion for survey to include wireless drivers in CIP Kernel
 - Please refer details in [gitlab task](#)
 - Based on the survey results, what's the suggestion from CIP Kernel WG ?
- **Reminder to CIP Kernel WG** for responding to kernel security hardening email

Kernel Team Working Group

Items need to be approved by TSC voting members

- None

Status updates

- **CIP IRC weekly meeting**
 - logs
 - [Apr 28st](#)
 - [May 5th](#)
- **CIP kernel release**
 - 4.4
 - none
 - 4.19
 - none
 - 5.10
 - v5.10.109-cip5-rt4 May 10th by Pavel
- **"Business as usual"**
- **Refresher on kernel release frequency**

SLTS Release

Target Releases per Month

SLTS 5.10	currently ~2
SLTS 5.10-rt	currently ~1
SLTS 4.19	2
SLTS 4.19-rt	0.5
SLTS 4.4	1
SLTS 4.4-rt	0.5

- @all-members: Numbers still fit requirements?
- Formalize 5.10 frequency? 2 for vanilla seems reasonable, 1 for RT ok?
- Table to be published in CIP wiki
- **Kernel irc bot switch**
 - Non-meeting logs now available: <https://ircbot.wl.linuxfoundation.org/logs/%23cip/>
 - Old logger bot will soon be decommissioned

CIP Core Working Group

Items need to be approved by TSC voting members

- None

Past minutes

- [past meetings](#)

Status updates

- (WIP) Write a blog post about bullseye based CIP Core image (Kazu)
- Reproducible builds
 - Discussions about the issue /var/cache/debconf/config.dat:
 - Isar: [Fix non-reproducible issue due to localepurge](#)
 - Revised the patch to remove the cache file
 - [Bug report to localepurge Debian package](#)
 - [Started discussion in Reproducible-builds.org community](#)
- isar-cip-core
 - Key updates: update efibootgurd, support QEMU arm64
 - Other updates:
 - Improve initramfs recipes
 - Update kernel configs, versions
 - Update SWUpdate SRCREV
- deby

- cip-core-jessie
 - [Upgrading \(old\) recipes to support LAVA tests, use the same recipe structure as cip-core-buster](#) => Merged (the refactoring finished)

CIP Testing Working Group

Items need to be approved by TSC voting members

- None

Status updates

- LAVA infrastructure maintenance

Discussions

- None

Software Update Working Group

Items need to be approved by TSC voting members

- None

Status updates

- Related updates in isar-cip-core
 - [Update the version of SWUpdate \(and remove local patches no longer required\)](#)
 - [Fixes and improvements for SWUpdate images, kernel/config update](#)
- Support ARM targets
 - QEMU arm64 is now enabled in [isar-cip-core next](#)
 - QEMU armhf
 - [EFI Boot Guard needs more works](#)
 - Compilation (Solved)
 - Run on QEMU (Now it's running)
 - Unified kernel image generation (WIP)

Upcoming TSC meetings

- Regular TSC meeting
 - Date 24th of May 2022 (Tuesday)
 - Start time: [Local time in your timezone](#)
 - NOTE: DST information
 - US DST start: The second Sunday of March
 - US DST end: the first Sunday of November
 - EU DST start: The last Sunday of March
 - EU DST end: The last Sunday of October

