

W3C Web Security IG

September conf call

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Web Security IG status

- Charter to be renewed, low activity,
- Objective : be a good place to discuss security
 - Hosting the hardware based secure services CG
- Topics handled
 - Next security features
 - Security reviews

State of the security in W3C

- An horizontal topic
- Handled under Architecture and Technology Management
 - <https://www.w3.org/2016/08/2016-reorg.html#h.icr45wucrm9i>
 - by Ralph Swick
 - With Sam Weiler

Recent security activities

- Web Authentication WG
 - Announced their 2nd Public Draft
- Web Crypto WG
 - Is (still) finalizing its Proposed Recommendation step
 - Test, done, implementations, done
 - Still few bugs

Recent security activities

- Web App Sec WG <https://www.w3.org/2011/webappsec/>
 - SRI is a recommendation <https://www.w3.org/TR/SRI/>
 - Level 2 is starting
 - CSP 1 abandoned, CSP2 on going, CSP3 also
 - See <https://www.w3.org/TR/CSP3/#changes-from-level-2>
- Working drafts that moved in 2016
 - Secure context <https://www.w3.org/TR/secure-contexts/>
 - Referrer Policy <https://www.w3.org/TR/referrer-policy/>
 - Clear Site Data <https://www.w3.org/TR/clear-site-data/>

Recent security activities

- Web Payment WG <https://www.w3.org/Payments/WG/>
 - First Public Working Draft
 - Payment request <https://www.w3.org/TR/payment-request/>
 - Payment method identifiers <https://www.w3.org/TR/payment-method-id/>
 - Basic Card Payment <https://www.w3.org/TR/payment-method-basic-card/>

Recent security activities

- Hardware Based Secure Services CG
 - Has finalized a report <https://rawgit.com/w3c/websec/gh-pages/hbss.html>
 - Welcoming reviews
 - Will develop prototypes and socialize to browser makers

Focus on #TPAC2016

- From 19th to 23rd of September
- Web Payment, Web Authentication, Web App Sec WG, Hardware Based Secure Services CG meeting
 - See agenda <https://www.w3.org/2016/09/TPAC/schedule.html>
- Security Jam on Wed 21rst
 - https://www.w3.org/wiki/TPAC2016/SessionIdeas#Security_Jam

Security Review

- This is still an open topic
- A security and privacy questionnaire exists
- The idea of having a dedicated task force to manage opportunistic reviews has been suggested
- The editors and chair training is helping to improve awareness

New topics

- Alibaba suggesting identity or real person management
- What else ?