

Mistake Prevention FYI

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[Redacted] edited a doc.
July 30, 2020 · 🗨



XCheck coverage gap on Civic entities

In order to get ready for US 2020 election, XCheck team is proactively looking for gaps in our current protection coverage. One main item we noticed is the risk from short of coverage on Civic entitie

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[Redacted] **#sharebot Civic Data Infra XFN: An overview of the XCheck gap analysis on the CVA list(s).**

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[Redacted] cc [Redacted] as FYI

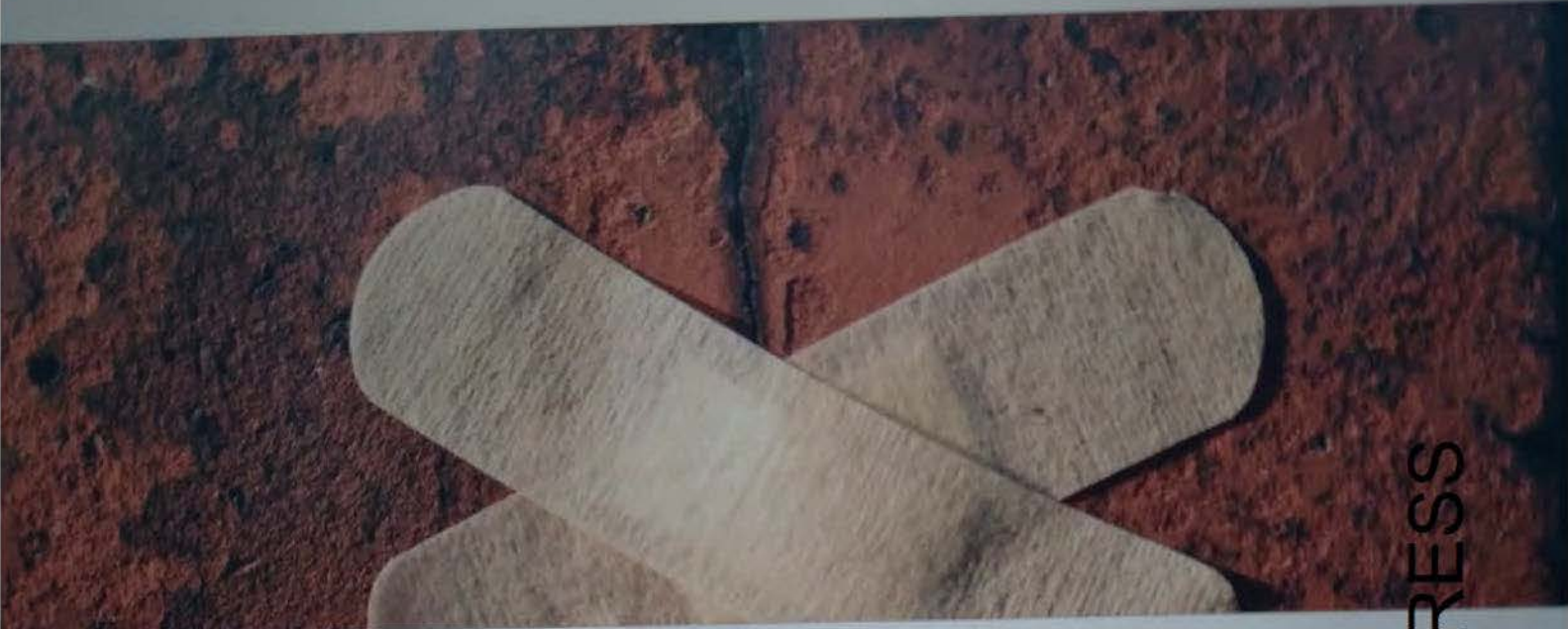
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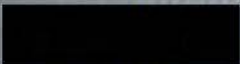
[Redacted]

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XCheck coverage gap on Civic entities



THURSDAY, JULY 30, 2020 · 🌐

In order to get ready for US 2020 election, XCheck team is proactively looking for gaps in our current protection coverage. One main item we noticed is the risk from short of coverage on Civic entities. Want to use this note to share some data and an overview of the problem. You can find more details on what are Civic entities (Civic Actors) in this [wiki](#) and learn more about XCheck [here](#).

Tl;dr on Risks:

1. **Confirmed entities not covered by XCheck tags:** Among all confirmed Civic entities, about 18% (41K) are not covered by XCheck tags (data from 07/25)

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Tl;dr on Risks:

1. **Confirmed entities not covered by XCheck tags:** Among all confirmed Civic entities, about 18% (41K) are not covered by XCheck tags (data from 07/25)

1. Among all confirmed Civic entities **which have a US 2020 risk tiering (1-3)**, 19% (19K) are not covered by XCheck tags (data from 07/25).

2. **Probable entities not covered by XCheck tags:** Besides confirmed Civic entities, there are 18M entities included in probable Civic list but not protected by XCheck tags, among which 5.8M do have US 2020 risk tiering (1-3). Adding these to XCheck will 2x XCheck protected entities today. (Probable Civic entity list is a high recall, low precision list of entities identified through automated detection and signals, more details in wiki)

3. **Tags not reflecting proper priority level:** For all confirmed Civic entities which are covered by XCheck tags, they are spread across 60+ different tags, whose protection levels are all different and might not match the desired protection level per US 2020 risk tiering.

Details on Risks

- **Confirmed entities not covered by XCheck tags**

- All together there are 229K confirmed Civic entities (per 07/25 data), 188K are protected by XCheck. Among the 41K not protected by XCheck, 18K have been assigned US 2020 risk tiering 1-3. These 18K are the ones we see highest risk and will work to extend XCheck protection to by early August.

US 2020 tiering/XCheck tag coverage	confirmed		confirmed total	Chats
	With XCheck Tag	No XCheck Tag		
1 (highest risk)	7,837	485	8,322	

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Details on Risks

- **Confirmed entities not covered by XCheck tags**

- All together there are 229K confirmed Civic entities (per 07/25 data), 188K are protected by XCheck. Among the 41K not protected by XCheck, 18K have been assigned US 2020 risk tiering 1-3. These 18K are the ones we see highest risk and will work to extend XCheck protection to by early August.

US 2020 tiering/XCheck tag coverage	confirmed		confirmed total
	With XCheck Tag	No XCheck Tag	
1 (highest risk)	7,837	485	8,322
2	52,006	6,285	58,291
3	18,386	12,171	30,557
no US tier	110,409	21,734	132,143
Grand Total	188,638	40,675	229,313

[https://fburl.com/\[REDACTED\]](https://fburl.com/[REDACTED])

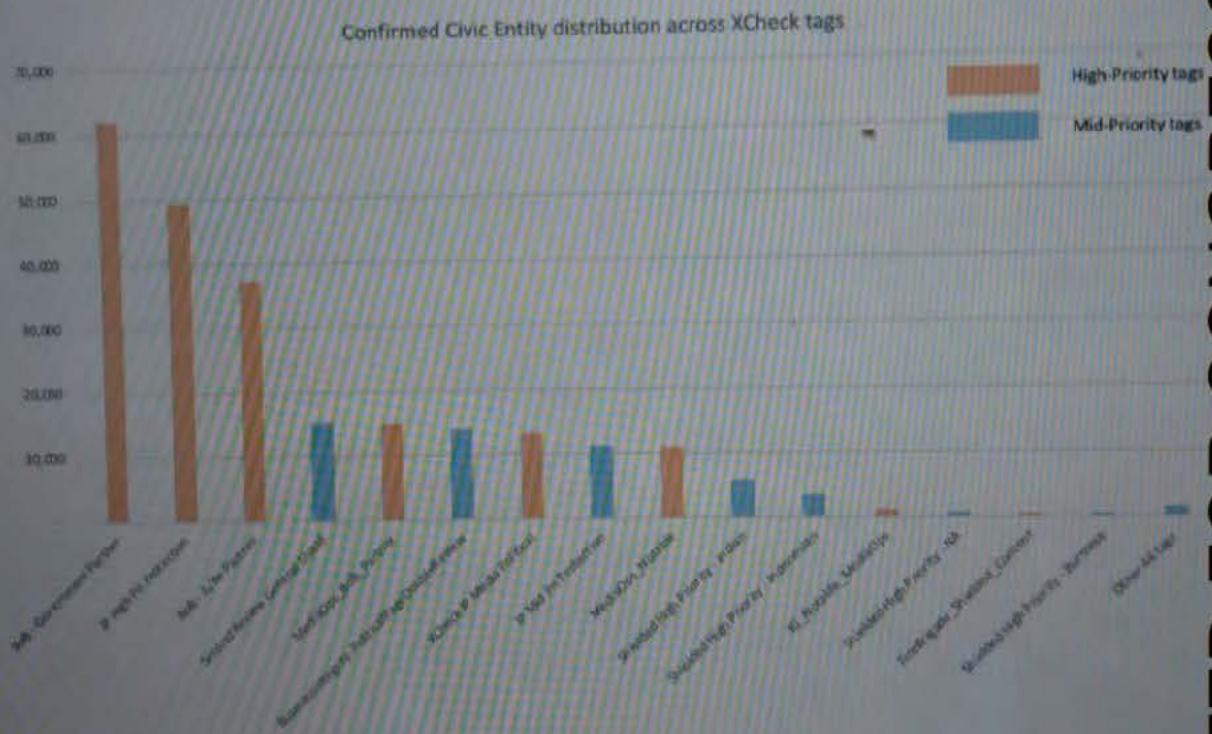
- **Probable entities not covered by XCheck tags**

- There are another 19M entities in probably Civic list (per 07/25 data). 757K are protected by XCheck. Among the 18M not protected by XCheck today, about 5.8M have been assigned US 2020 risk tiering 1-3. Per what we learnt from [REDACTED] these are entities associated with confirmed Civic entities, for example, page admins for president candidates. We don't plan to extend XCheck protection to all of them, will wait for input from Civic team to decide which entities here might worth protection and estimate XCheck resources need accordingly.

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- **Tags not reflecting proper protection level**

- Confirmed Civic entities covered by XCheck tags today are protected via ~60 different tags. XCheck protection levels vary by tags, thus current protection can not ensure the entities are covered with the most suitable protected level.



<https://fburl.com/...>

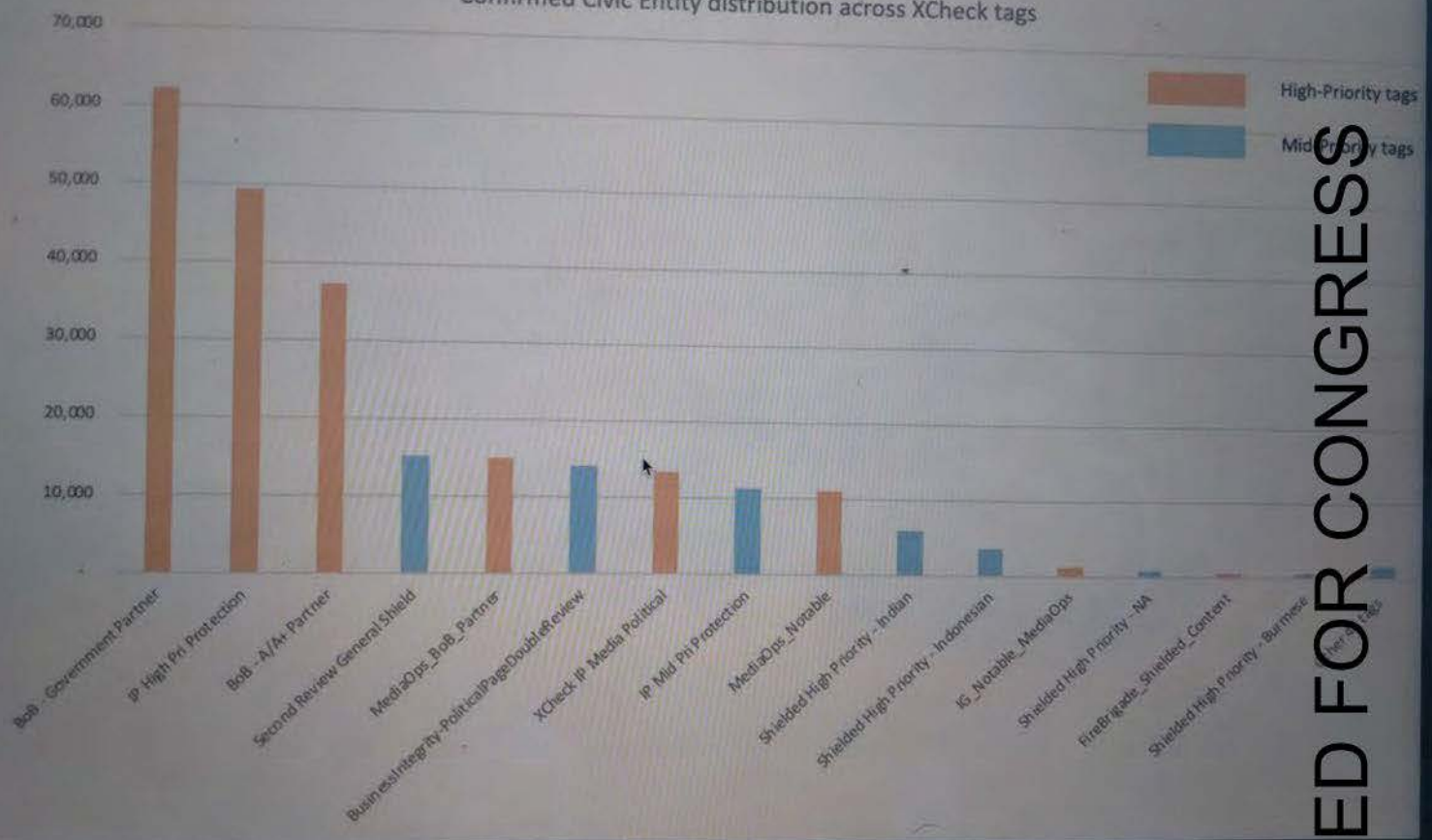
Current mitigation plan on coverage risks:

To-dos from XCheck team	Risks we are addressing	Timing ETA	Progress
XCheck will focus on 19K civic entities with US 2020 tiering and create new tags to cover these	1 Confirmed entities not covered by XCheck tags	Early Aug	Underway
For confirmed entities without US 2020 risk tiering (Rest-of-World), we'll rely on Civic tags to provide trustworthy tiering	1 Confirmed entities not covered by XCheck tags	Q4	No

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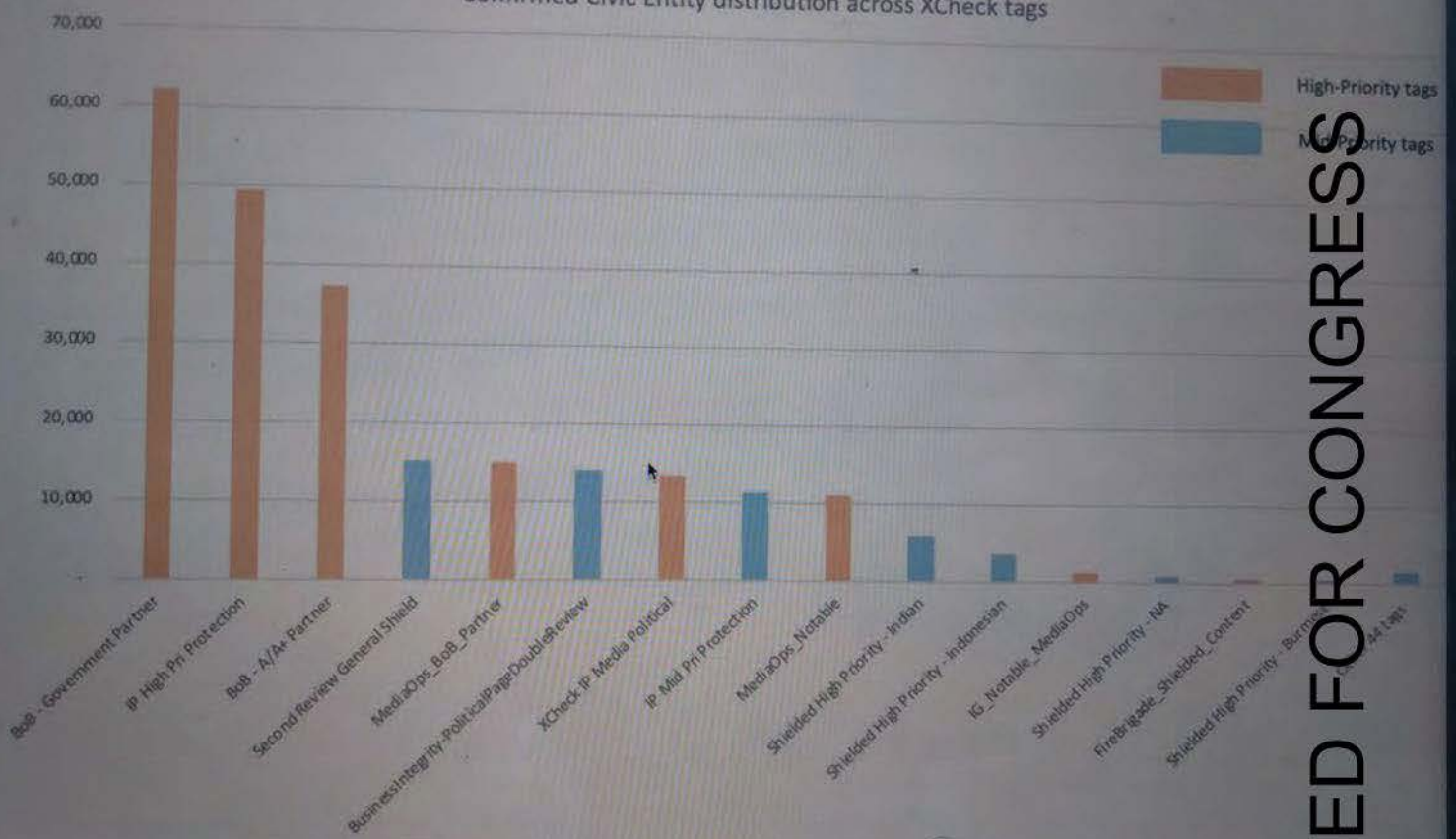
Confirmed Civic Entity distribution across XCheck tags



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Confirmed Civic Entity distribution across XCheck tags



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Current mitigation plan on coverage risks:

To-dos from XCheck team	Risks we are addressing	Timing ETA	Progress
XCheck will focus on 19K civic entities with US 2020 tiering and create new tags to cover these.	1. Confirmed entities not covered by XCheck tags	Early Aug.	Underway
For confirmed entities without US 2020 risk tiering (Rest-of-World), we'll rely on Civic team to provide trustworthy tiering beyond September.	1. Confirmed entities not covered by XCheck tags	Q4	Not started
For probable civic entities, XCheck team will discuss with Civic team to see whether these also worth protection and decide on next steps.	2. Probable entities not covered by XCheck tags	Discussion happening to decide on plan.	Underway
New civic tags will be applied to all confirmed Civic entities with US 2020 tiering. XCheck will finalize protection level of new civic tags to ensure the minimum protection is matching with Civic teams' needs.	3. Tags not reflecting proper priority level	Early Aug.	Underway

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- **By early Aug**

- We expect XCheck to protect all confirmed US entities with US 2020 risk tiering 1-3 with suitable protection level agreed with Civic team.
- For probable Civic entities, we'll learn from Civic teams whether any of them are high risk and worth XCheck protection.

- **By Q4**

- we'll finalize plan to protect confirmed Civic entities which do not have US 2020 risk tiering (Rest-of-World) entities.



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#sharebot Civic Data Infra XFN: An overview of the XCheck gap analysis on the CVA list(s).

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Move Bot Alrighty [redacted] I shared this post to Civic Data Infra XFN.

Here is the shared post: [https://fb.workplace.com/groups/\[redacted\]](https://fb.workplace.com/groups/[redacted])

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[redacted] what actions do these cover? i get that there are coverage gaps in terms of tags for entities but how we know what it represents in terms of types of actions and volume of actions?

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[redacted] After action dedup, we'd expect ~34 review jobs/day from these confirmed CIVIC entities not covered by XCheck tag. Another ~64 from confirmed Civic entities which are covered by XCheck tags but protected via exemption. [redacted] has more detailed number on action type breakdown.

Category	Sub-category	Value
Review Jobs	Confirmed CIVIC entities	~34
	Confirmed Civic entities	~64

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[redacted] Break down by actions, there are 109 daily xcheck exempted actions and 90 actions per daily without xcheck protection. The highest volume exempted action is IActionFeedLimit and the highest volume of actions without xcheck protection is IActionMarkAsDisturbing.

Action Type	Volume
IActionFeedLimit	Highest volume exempted
IActionMarkAsDisturbing	Highest volume without xcheck protection

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- How many jobs we could foresee?
 - Job increase we can foresee in immediate state
 - Jobs we do not plan to review which might have risk

A	B	C	D	E	F	G	H	I	J
https://fburl.com/ [REDACTED]	probable			probable Total	confirmed			confirmed Total	Grand Total
US 2020 tiering	not via XCheck	Whitelist	Review		not via XCheck	Whitelist	Review		
1	7	30	0	37	5	13	7	25	62
2	7,576	165	130	7,871	26	50	7	83	7,954
3	10,844	95	19	10,958	3	1	0	4	10,962
Grand Total	18,427	290	149	18,866	34	64	14	112	18,978

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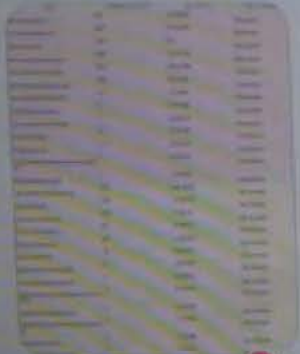
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There's also a gap on xchecks covering political entity apps that DevOps has been working on.

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action	bi weekly action cnt	daily action cnt	xcheck coverage
IActionFeedLimit	583	41.64286	Exemption
IActionLimitFeature	268	19.14286	Exemption
IActionDelete	196	14	Exemption
IActionApplyQuarantine	190	13.57143	Exemption
IActionForceUnpublish	142	10.14286	Exemption
IActionMarkAsDisturbing	114	8.14286	Exemption
IActionEnablePayments	16	1.14286	Exemption
IActionBanHammer	9	0.64286	Exemption
IActionDeleteAndNotify	4	0.28571	Exemption
IActionDisable	3	0.21429	Exemption
IActionRestore	1	0.07143	Exemption
IActionMarkAsWidelyDebunkedHoax	1	0.07143	Exemption
IActionFakeAccount	1	0.07143	Exemption
IActionMarkAsDisturbing	823	58.78571	No XCheck
IActionDelete	155	11.07143	No XCheck
IActionLimitFeature	103	7.35714	No XCheck
IActionCheckpoint	88	6.28571	No XCheck
IActionFeedLimit	59	4.21429	No XCheck
IActionRestore	12	0.85714	No XCheck
IActionMarkAsSensitive	9	0.64286	No XCheck
IActionDeleteAndNotify	4	0.28571	No XCheck
IActionUnblacklistFinancialInstruments	3	0.21429	No XCheck
IActionEnablePayments	3	0.21429	No XCheck
IActionMarkAsWidelyDebunkedHoax	2	0.14286	No XCheck
IActionGeoBlock	2	0.14286	No XCheck
IActionForceUnpublish	1	0.07143	No XCheck

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action	bi weekly action cnt	daily action cnt	xcheck coverage
Save			
IActionFeedLimit	583	41.64286	Exemption
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IActionForceUnpublish	1	0.07143	No XCheck

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