New issue   Jump to bottom

FVP-02-004 WP4: ATS policy unnecessarily weakened #799

⊘ **Closed**   **bakulf** opened this issue on Apr 7, 2021 · 0 comments

Assignees	🖼
Labels	p3
Projects	⊞ v2.2 🚀 ⊞ Mozilla VPN Product Board
Milestone	⇥ Release v2.2 🚀

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bakulf commented on Apr 7, 2021 • edited by data-sync-user ▾   `Collaborator`

The iOS Mozilla VPN app was checked for property settings which weaken the security of the application. It was discovered that NSAllowsArbitraryLoads is set. This means it disables the default App Transport Security restrictions and permits the app to utilize plain-text HTTP requests.
Affected File:
 `Info.plist`
Affected Code:

```
<key>NSAppTransportSecurity</key>
<dict>
<key>NSAllowsArbitraryLoads</key>
<true/>
</dict>
```

As neither the source code nor the runtime assessment indicated that the iOS app actually requires plain-text HTTP, it should be taken into consideration to remove this property. This would ensure that the default ATS restrictions are enforced.

¦ Issue is synchronized with this Jira Task

🏷 **bakulf** added   p3   **audit-issue**   labels on Apr 7, 2021

⇥ **bakulf** modified the milestone: **v2.2** on Apr 9, 2021

⊞ **bakulf** added this to **To Do** in **v2.2** 🚀 on Apr 12, 2021

👤 **bakulf** self-assigned this on Apr 12, 2021

↗ **bakulf** added a commit that referenced this issue on Apr 12, 2021

   🖼 `FVP-02-004 WP4: ATS policy unnecessarily weakened - closes` #799   ✕ `aecb83e`

↗ **bakulf** added a commit that referenced this issue on Apr 12, 2021

   🖼 `FVP-02-004 WP4: ATS policy unnecessarily weakened - closes` #799   ✕ `a511d3c`

⊞ **bakulf** moved this from **To Do** to **In Progress** in **v2.2** 🚀 on Apr 12, 2021

   🖼 **bakulf** closed this as completed in `458135d` on Apr 12, 2021

↗ **bakulf** added a commit that referenced this issue on Apr 12, 2021

   🖼 `Merge pull request` #826 `from mozilla-mobile/iosHttp` ···   ✓ `fab3882`

⊞ **v2.2** 🚀   `automation`   moved this from **In Progress** to **Merged** on Apr 12, 2021

⇥ 🖼 **jess-cook03** added this to the **Release v2.2** 🚀 milestone on Apr 14, 2021

⊞ 🖼 **jess-cook03** added this to **Triage parking lot** in **Mozilla VPN Product Board** via `automation` on Apr 14, 2021

⊞ 🖼 **jess-cook03** moved this from **Triage parking lot** to **Done/Merged** in **Mozilla VPN Product Board** on Apr 14, 2021

Assignees

🖼 bakulf

Labels

p3

Projects

	Mozilla VPN Product Board
	Done/Merged

1 closed project ▾

Milestone

Release v2.2 🚀

Development

No branches or pull requests

2 participants