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Question Info

Last updated February 10, 2021

Views 212

Applies to:

Windows /
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Programs

PR   **pramodbhat**   Created on September 7, 2017

Microsoft IME on windows 10 gets disabled on password field

In any html password field we are not able to enter the Unicode characters (Japanese here). The IME gets disabled and the entered characters will be in English thus not allowing to login. This is happening with almost all web applications. The visible text fields work fine. Can you please let us know if its intended and is there any document if so or its a bug.

Post moved by the moderator to the appropriate forum category.

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✓ **Answer**

Jane Lla
Microsoft Agent | Moderator
Replied on September 9, 2017

↳   In reply to pramodbhat's post on September 7, 2017

Hi Jane,
I observed this while developing my webapp. Turns out that the browsers

disable IME to avoid the security issues. But I didn't fully understand how IME works. Will it read the characters from the targeted element (password field here) and then converts it to Unicode and writes it back or directly reads from keyboard and writes to the targeted element? Can you please help me to understand this?
Thanks,
Pramod

To clear out the confusion:

IMEs that are compatible with Windows Store apps are allowed to run in either desktop apps or Windows Store apps. IMEs that are not compatible can only run in desktop processes. Legacy IMEs do not work in Windows Store apps in order to avoid the potential for bad user experiences including system stoppages. IMEs that are compatible with the Windows Store apps must self-declare by setting a flag indicating this compatibility. This flag is provided by TSF in the TF_INPUTPROCESSORPROFILE structure.

Hence the issue could be due to a possible restriction on the actual browser or the website you're trying to sign in to.

Moreover, most modern websites use the UTF-8 Unicode encoding, and the encoding of older sites should usually be guessed automatically by your browser.

As a workaround, try changing the browser encoding to Shift**_JIS, EUC-JP** or **ISO-2022-JP**.

Google Chrome
Menu button > Tools > Encoding
Internet Explorer: Right click page > Encoding > More

Hope this information helps.

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🌐 English (United States)