Solution for Deceptive Download Buttons and Drive-By Installation

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Abstract- **Deceptive download buttons are those on the internet which may look like it is meant to do an action but actually does something else which it is not intended by the user. Drive-by installations are those extra software which is installed in a user's device without him noticing it. This paper gives the information about the types of deceptive download buttons and the ways a common user can avoid clicking on such button while browsing the web. A few methods the advertiser may commonly use for making the end user a victim of the deceptive download buttons is discussed here. The methods by which someone can avoid these kinds of buttons are also given in this paper. An idea for the development of an extension to the user's browser, that runs in the background. This warns the user about those buttons prior to the button being clicked. This paper also includes information about drive-by installations of bloatware and the ways in which the end users are being affected by this, how the end user can avoid being a victim of drive-by installations and an idea to develop a tool which runs in the background as a small script in the operating system which will automatically warn the user about the drive-by installations.**

Keywords: - **Deceptive buttons, web browsing, drive-by installations, software installations, bloatware, malware**