REVIEW ON CAPTCHA

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***Abstract: CAPTCHA** is stands for "Completely Automated Public Turing test tell Computers and Apart."Actually Captcha is used as a simple Puzzle hurdle which restricted various automated programs to sing-up E-mail accounts, it is challenges a particular automated program, which is trying to access some private zone.Actually CAPTCHA is simply some visual test or some simple puzzle. Any human can crack this challenge easily so this CAPTCHA basically distinguishes human and automated programs to do violation of some Private area. The CPTCHA tests include some code in form of some images,letters,and alphabates*

Keyword: CAPTCHA security

INTRODUCTION

CAPTCHA is stands for "Completely Automated Public Turing test tell Computers and Apart. CAPTCHA the term was first used by computer scientist at Carnegie mellon university by john longford nihols in 2000 CAPTCHA it is use for the security purpose CAPTCHA means presenting a challenge response test to the user or humans they are classified based on what is disported that is wether characters digit or images there are different types of CAPTHCA i.e.

- Image based CAPTCHA
- Audio based CAPTCHA
- Text based CAPTCHA
- Puzzle based CAPTCHA

Image based CAPTCHA: in image based CAPTCHA they are provided a n type of images and ask some question on that images and user can disorted that captcha by analyze the images

Audio based CAPTCHA: in audio based they provide some audio and user can listen that audio and then they ask some question on that and user can pronounce that word and disort the CAPTCHA

Text based CAPTCHA: in text based CAPTCHA they provide the some messy text and ask question on that identify the text correct and user can answer that question and disort the CAPTCHA

Puzzle based CAPTCHA: in puzzle based CAPTCHA also they provided specific kind of puzzle and user can solve that puzzle and disort the CAPTCHA

CAPTCHA is use to identify the user are human or machine .

Reviews on using CAPTCHA

Many organizations around the world have been implementing CAPTCHA system because CAPTCHA provides better security so that the using CAPTCHA we can eliminate all security issues. Incoming future all organization will be implementing CAPTCHA based security method to avoid security threats in that CAPTCHA is one such shield which can be used as a protection from these malicious program like bot there are many types of CAPTCHA for e.g. Image based CAPTCHA, video based CAPTCHA, text based CAPTCHA, audio based CAPTCHA, puzzle based CAPTCHA in images based CAPTCHA is very simple to implement in text based CAPTCHA the number of classes of character and digits are very small so problem occur for user to identify the correct character and digit in audio based CAPTCHA they based on sound system

these CAPTCHA are developed for visually disabled users it contains downloadable audio –clips.in puzzle based CAPTCHA usually in puzzle based CAPTCHA a given picture is divided to chunks it very time consuming captcha . In video based CAPTCHA they provide the current location and identify that current location.

images of Types of captcha

CONCLUSION

In this paper, I have studied the CAPTCHA and also different types of CAPTCHA a brief survey has been done on the CAPTCHA and list out the applications and drawbacks of different CAPTCHA based on text, image, audio, video and puzzle in future, main focus will be on develop CAPTCHA that provide the ease access to the user.

REFERENCES

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