Article Side

The Need of Having a SSL Certification and the Features of SSL Certificates by Michael William

Article published on February 29th 2012 | Internet Business

A website is considered to be a safer website when it is SSL certified. You can see this in many famous websites like amazon, all of them have SSL certification. Now what is a SSL certification? And why it is very useful? The abbreviation of SSL is Secure Socket layer. SSL is used to transfer data online in a secured way. A website with SSL enabled transfers the data using encryption. Therefore, people who are looking to stole data or hack any account will be nullified. In a SSL system there are two keys. One is called the private key and the other is called a public key. As the name suggests public key is what all the visitors who come to the website see, whereas private key can only be accessed by the website administrators.

Normally when you access a website that has an expired SSL certificate you will be getting a warning insisting the visitor of authenticate the website. Have you ever thought how this happens? When a browser like IE or firefox accesses a website that has enabled SSL certification, the browser asks for the SSL certification from the server where the website is hosted. While verifying the SSL certification if the web browser finds the SSL certification is expired then it sends a warning to the visitor asking him or her to confirm the authenticity of the website. If the visitor confirms the authenticity of the website the web browser opens the website if not the browser just closes the website. A website with SSL certification is very safe and it will not have any scripts to extract the personal data of the visitors.

Needs and uses of SSL Certificate

When you are about to make a money transaction or transfer any important through a website it is better to know whether the website has SSL certification. A website with SSL certification is safe for any kind of data transfer. There are many features of SSL certificates. But the following are considered as the important features.

The SSL certification should provide web browser authentication. That is when a visitor is trying to access the website the web browser will access the server where the website is hosted, when this happens the SSL certificate obtained by the website should have the feature of authenticating all the major web browsers. When the web browser does not authenticate the website they will raise a warning message to the visitor. Therefore, you should make sure that the SSL certification you obtain is compatible on all web browsers.

Next comes the SSL encryption. Normally the SSL encryption is done at 128 bit or 256 bit, the SSL certificates are created in either of these bit. Have this SSL encryption is very useful for websites that is related to e-commerce or websites where the online payment is made as the SSL encryption keeps the date very safe.

The seller who issues the SSL certification should be able to process it quickly. This very important when your existing SSL certification has expired and you have re-applied. If the processing takes a longer time then the web browser may raise warning about expired SSL certificate.

To above features are the most important features of SSL certificates and obtaining a SSL certificate for a website will enhance the reputation of the website.

Article Source:
http://www.articleside.com/internet-business-articles/the-need-of-having-a-ssl-certification-and-the-features-of-ssl-certificates.htm - Article Side

Michael William - About Author:
To Obtain a Web Security Certification or a http://www.tapnet.biz you can contact Tapnet.biz. They process the SSL certification in a very quick time.

Article Keywords:
Web Security Certification

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!