To work toward making the internet a safer place, Google Chrome and other browsers have started marking all unencrypted HTTP websites as "Not Secure." This means that SSL/TLS encryption is no longer a luxury, but a necessity.

USE THESE STEPS TO HELP YOU PLAN AND FACILITATE YOUR WEBSITE MIGRATION.

**STEP 1 EVALUATE YOUR WEBSITE FOR SECURITY RISKS**
Prepare a list of URLs, mapping them from the current HTTP structure to corresponding locations on the HTTPS website. Verify that all external scripts and images work with HTTPS.

**STEP 2 PERFORM FULL WEBSITE BACKUP**
Before making any changes to your site, complete a full backup. Consult with your hosting provider or system administrator on available backup options.

**STEP 3 MAKE THE RIGHT CERTIFICATE CHOICE**
Obtain an SSL/TLS certificate from a reputable certificate authority like Symantec, who can offer guidance and technical support as a part of enabling HTTPS for your website.

**STEP 4 INSTALL AND TEST CERTIFICATES**
Ensure your SSL certificates are properly installed. Symantec offers a free tool called CryptoReport that allows you to test your SSL/TLS certificates and view any browser warnings.

**STEP 5 REMOVE MIXED CONTENT**
Replace all HTTP references with HTTPS pointers. If you don’t remove mixed content, some pages will not be displayed, “Not Secure” warnings may appear in browser windows and your entire site will be less secure.

**STEP 6 MAINTAIN CERTIFICATE COMPLIANCE**
Stay compliant by keeping your website updated with the latest security requirements and standards. Consult the CA/Browser Forum and NIST for SSL/TLS standards, and PCI if your site accepts payments.

**STEP 7 REDIRECT HTTP TRAFFIC TO HTTPS**
Ensure that all instances of HTTP traffic are redirected to HTTPS. Set up 301 redirects to notify search engines of your new HTTPS address.

**STEP 8 IMPLEMENT AN AUTOMATED SCANNING SYSTEM**
Identify non-compliant elements and third-party content. Replace unsecured content with safer alternatives. Where possible, use verified and accountable third-party technology.

**STEP 9 SECURE YOUR COOKIES**
Use both the "HttpOnly" and "Secure" cookie settings to ensure that hackers can’t break into your website.

**STEP 10 IMPLEMENT HTTP STRICT TRANSPORT SECURITY**
HTTP Strict Transport Security (HSTS) is a standard that protects your website visitors by ensuring they are connected over HTTPS. Make sure that all connections are only accessible via HTTPS and include HSTS in the HTTP response reader.

**LEARN MORE:**
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