

## Shopping cart, session on SSL

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2004-09/5815.html>

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**Date:** 09/26/04

Date: Sun, 26 Sep 2004 15:16:04 +0500

I have created a site shopping cart in ASP.net.

I am using ASP session object's SessionID on non SSL connection to track session.

While adding products to cart DB I insert product and SessionID in table. All products and cart status pages are on non SSL connection.

On checkout to get secure user information I shifted connection to SSL but when shifting to SSL, the SessionID changed (As is this is default behavior of IIS to prevent stealing SSL session).

To get rid of this problem I shifted my all products and cart pages to SSL, now its working fine but I am not satisfied with this solution because it is not feasible to put all product pages (about 500 pages) to SSL. As I see while shopping with big companies sites i.e. Microsoft, Amazon etc. they change to SSL only in checkout page.

How can I build it like that all pages remains in non SSL and only checkout pages should be on SSL. One solution may be to use custom cookies to track session but it may have the same problem of session hijacking/ session stealing.

Any one please explain me what is the best way to create shopping cart with SSL, the ASP/ASP.net session or setting own cookies.

Please explain in detail or refer some useful links.

regards,  
Adil