

Authorization question, w/ "Windows" authentication mode

Source:

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hello,

im familiar w/ *forms* based authentication, and i have coded several public-facing web sites that authenticate w/ a forms-based login page; then get back an array of user roles, and from global.asax.cs's Application_AuthenticateRequest() assign the roles to the Security.Principal user.

now i am working on a *windows* based authentication webapp for an intranet. all users use the windows network to login, and then they bring up my webapp.

ive set up IIS & web.config, so i have no trouble grabbing their User.Identity.Name (their windows login). cool. and since i am able to use global.asax.cs's Application_AuthenticateRequest() i can retrieve their db-stored roles assign it to the Security.Principal user. cool.

the problem? "Application_AuthenticateRequest()" gets called on every single page request, which means a hit to the database to get the user's roles every single pageload. is this normal? (i cant remember if thats how my prior forms-based webapps worked, too..) if it is normal, what is the best practice -- deal w/ it? use the Session to cache the user's roles?

here is my code:

```
protected void Application_AuthenticateRequest(Object sender,
EventArgs e)
{
if (Request.IsAuthenticated)
{
System.Web.HttpContext context = System.Web.HttpContext.Current;

string userName = context.User.Identity.Name; //format:
DOMAIN\user.name
```

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```
//populate my app-user (gets roles from database)
AppUser myUser = AppUser(userName);

//assign its roles to security model
context.User = new
System.Security.Principal.GenericPrincipal(User.Identity,
myUser.Roles);
}
}
```

thanks!
matt

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