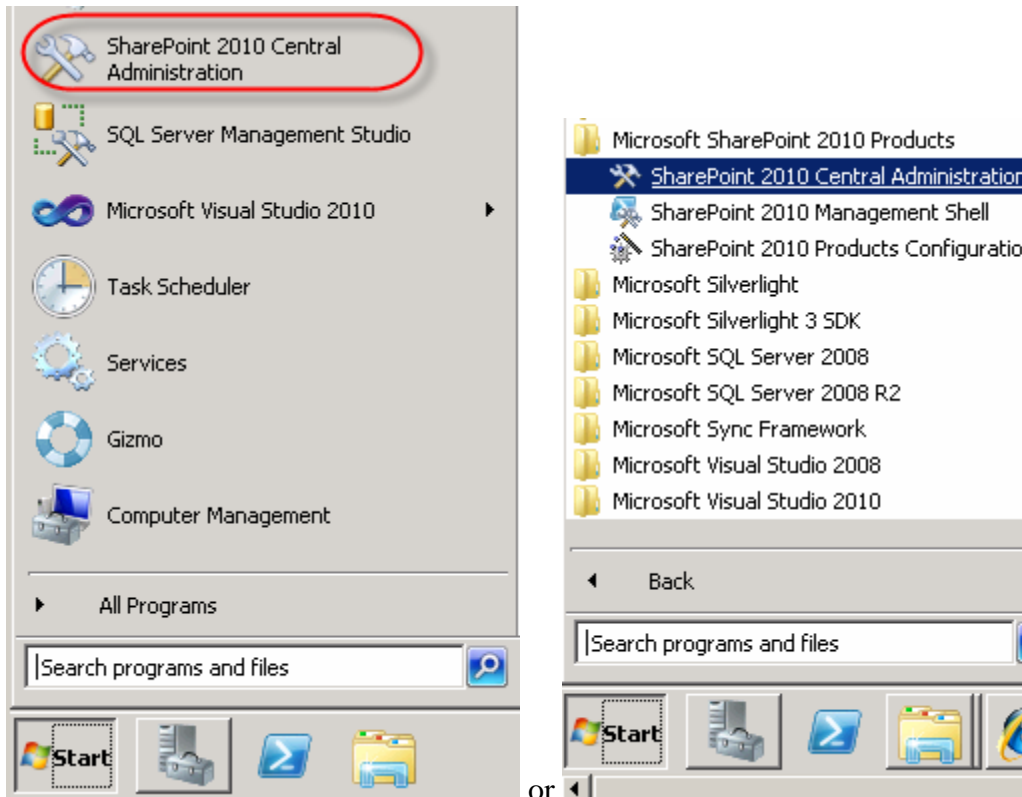


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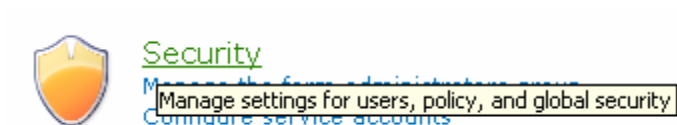
SharePoint 2010 Negotiate Settings and Correlation ID Errors

The other day – I was working with SharePoint 2010 Enterprise on a Windows Server 2008 R2 Standard –

I needed to set the providers being utilized in my small farm from NTLM to Negotiate so thus – I went into Central Administration:

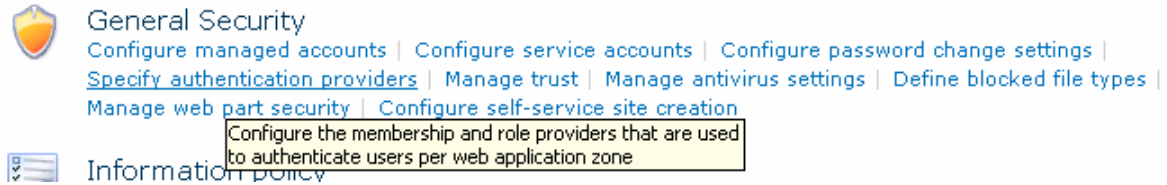


Selected Security:



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Under General Security -> selected Specify authentication providers:



General Security
Configure managed accounts | Configure service accounts | Configure password change settings | Specify authentication providers | Manage trust | Manage antivirus settings | Define blocked file types | Manage web part security | Configure self-service site creation

Information Policy
Configure the membership and role providers that are used to authenticate users per web application zone

On the right hand side I selected the proper Web Application – then selected under Zone -> Default:

Zone	Membership Provider Name
Default	Windows

Under IIS Authentication Settings -> I selected Integrated Windows authentication then checked Negotiate (Kerberos) – then selected Save:



IIS Authentication Settings
Kerberos is the recommended security configuration to use with Integrated Windows authentication. Kerberos requires the application pool account to be Network Service or special configuration by the domain administrator. NTLM authentication will work with any application pool account and the default domain configuration.

- Integrated Windows authentication
 - Negotiate (Kerberos)
 - NTLM
- Basic authentication (password is sent in clear text)

I verified this setting took – by going from Start -> Run -> typing in inetmgr -> selected OK – then went to the proper website in my tree and double clicked it. Then under IIS – I selected Authentication:



IIS

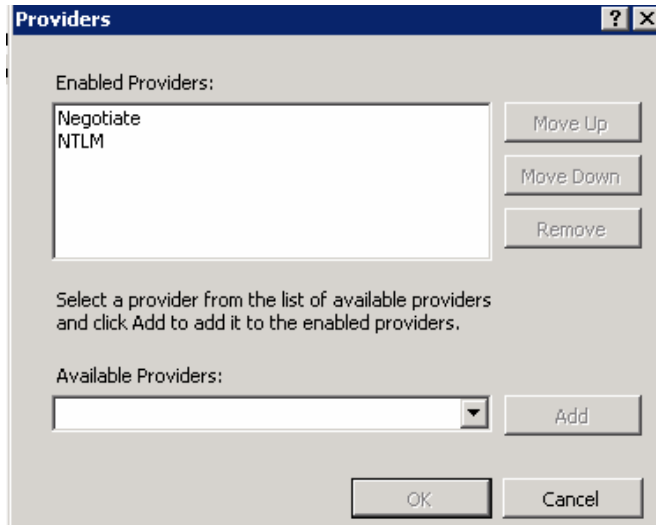
ASP Authentication

I selected Windows Authentication and on the right hand side selected Providers :

Forms Authentication	Disabled	HTTP 302 Login/Redirect
Windows Authentication	Enabled	HTTP 401 Challenge

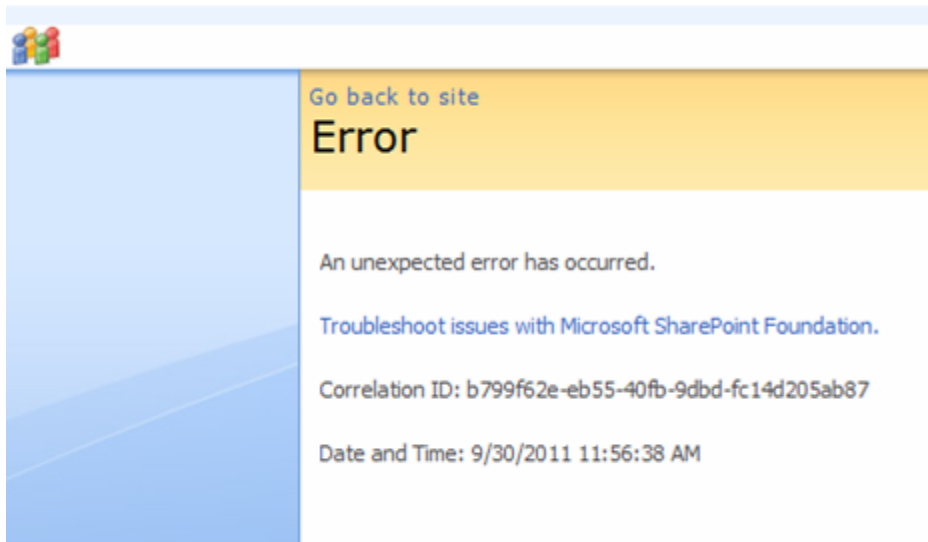
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Then verified that Negotiate and NTLM were present:



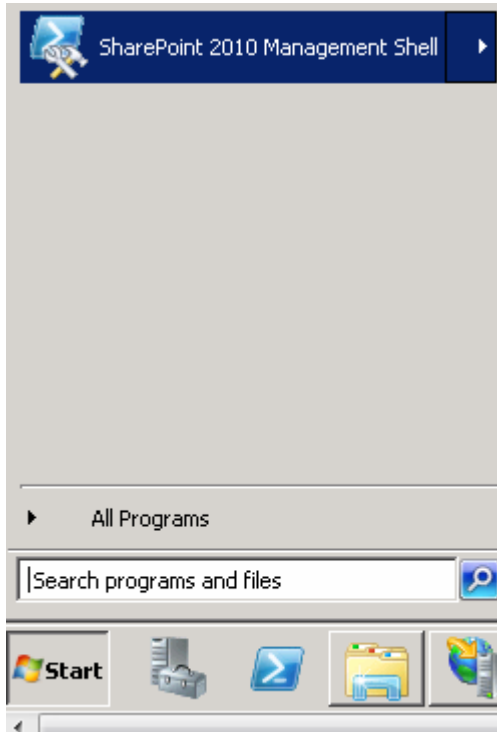
I did an iisreset for good measure on the server.

When I accessed my site – I was greeted with this nice error:



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So thus – in order to figure this one out – I ran this command from PowerShell



where the <GUID> listed was the GUID displayed in the Correlation ID:

```
get-splogevent | ?{$_Correlation -eq "b799f62e-eb55-40fb-9dbd-fc14d205ab87"} | select Area, Category, Level, EventID, Message | Format-List
```

Once I ran this it stated that the Session had duplicate entries.

This – I went into the web.config and commented out the duplicate entry:

```
<!--<add name="Session" type="System.Web.SessionState.SessionStateModule" />-->
```

It seems when I set-up the Negotiate provider that a duplicate entry was written to the web.config.

Thus, this article is a quick overview of how to add a needed provider as well as use PowerShell to debug if needed.