**TravelStudio v2.0 Performance and LoadBalancer Settings**

**Performance changes**

1. **Enable IIS Compression:** This is an IIS setting
2. **Server Side ViewState:**  The ViewState in the page increases the page size drastically and makes the page heavy and slow while loading. In order to overcome this issue we can enable the server side viewstate, with this the viewstate will be stored in a database instead of being stored in the page, this in turn makes the page size smaller

**Code and steps to setup server side view state is present at the below URL**

[http://odl-bld-srv.odlindia.com:81/svn/TSV2Repo/branches/development/TravelStudioDotNet/Utility/ServerSide ViewState](http://odl-bld-srv.odlindia.com:81/svn/TSV2Repo/branches/development/TravelStudioDotNet/Utility/ServerSide%20ViewState)

**Load Balancer changes**

1. **Enable SQL Server Session State in TSv2 UI and API:** This is an IIS setting which can be accessed at IIS – TravelStudio(Virtual directory) - Session State. The default setting is In Process, change this to SQL Server.
2. **Enable SQL Server Caching in TravelStudioWS:** In the TravelStudioWS project, we are using HttpRuntime.Cache, this is supposed to be always in process and doesn’t change based on the session state. In order to handle load balancing we need to enable SQL caching for TravelStudioWS.

**Code and steps to setup SQL server Caching is present at the below URL**

[http://odl-bld-srv.odlindia.com:81/svn/APIRepo/branches/development/TS API/Utility/SQLCaching](http://odl-bld-srv.odlindia.com:81/svn/APIRepo/branches/development/TS%20API/Utility/SQLCaching)