

Credit Task 8.3. Security Concerns in Enterprise Applications

1. SqlRoleProvider:

SqlRoleProvider is one of the RoleProvider class that manage storages of the role membership information for an ASP.NET application in a SQL Server database. As part of the authorisation process, the Roles and RolePrinciple classes use this provider to support the management of role information and the relationship between users and roles. This provider can be used side-by-side with SqlMembershipProvider to provide a complete implementation of a Role-based authentication and authorisation model for an ASP.Net Application in a same Sql Server Database. Alternatively, this role provider can integrate with a custom membership provider in a design where the role database is separate from the user database.

In order to use SqlRoleProvider in an ASP.NET application, the role database must first be created by using the aspnet_regsql.exe tool found under the .Net Framework installation folder.