DATABASE CONNECTIVITY

* TO work with a database on a remote Server, you need to connect using a database connectivity method, such as Open Database Connectivity (ODBO)

Microsoft windows servers use ook c for database connectivity, you must provide permissions to the database so that you can nead from and write to a database

Common Caleway Interfaces (CGI) is an interface that connects a web server with other software and dotabases sometimes, CGI scripts fail to execute because the web server does not have the necessary permissions to execute files and scripts

that the web server you are using has all the necessary permissions.

you should assign permissions for the file so that the web server can finction properly However, you should assign only the required permissions.

Otherwise, you may cause security problems by granting exceptive.

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If you are using an ISP to work with a web-based application, you need to request a ISP CGI society. You need to request an ISP to support such actions, such as to enable execute permissions on your scripts, create a directory that contains available CGI scripts, and provide unlows with appropriate permissions for the system

After your files are received the ISP can enable the execute permissions for your seripts. You need the ask the 1sp to create a directory that will allow for your CGI scripts.

The ISP creates a CGI bin directory called cgi or cgi-bin and stores your website files in this directory.

* you should request the ISP to provide a un/pu with appropriate permissions for the system. The default administrative account name is Root for unix and administrator for windows.

However, an ISP can provide an alternative user a 1c and PW with permissions readed to perform a task Customarily reserved for the recot or administrator of

* The three basic elements of an application are listed on the scroot

- i) DATA
- (i) Logic
- iii) Presentation

* In a single tree database, the data, business togic, and presentation elements are provided by a single application, such as ms Access. In this database system, you can stone values, write sai code to present the logic and manipulate data, and display the information using forms.

* In a two tree application, a client handles the data presentation and business logic, and a server stores the database.

You need to establish connectivity between the client and the server, to display or manipulate the data.

In this tree, a change to the database may require a client apprade.

For example, a client sing Access, which has logic to display the data and data presentation, queries a remote database selver for database values.

* In a n-tier computing model, the data, logic and presentation layers are on different computers.

In this type of application, a layer can be opgraded without affecting other layers and the connectivity between layers.

It for example, on a n-tree application, a web browser displays presentation information, a web server contains legic and the ser code to display the information, and a database server stores the data.

The web browser connects to and downloads from the website on a web server that a connected to a remote database sorver.