2.1 Distributed

1). To be a true system model, an Architecture must allows a distributed involving system to support millions of object without risk. COM is such an application built.

2).COM support distributed object. i.e. allow application in a number of different component. Objects each of which can run on a different computer.

2.2 Scalable

1). It means that if new H/W is added to the system, the performance of the system should be improved automatically. This means that if an application shipped (change) from a single process or environment to a Multiprocess environment. The application should be able to take advantage of Multi-processing environment.

2).A scalable application can readly adopt to an increase work load without encouring H/W expenses or poor performance.

3). Scalability is a critical feature for those application that must support on expending enterprise.

2.3 COM Security

For a Distributed object system to be useful in real word it must provide a means for secure access to object and the data they encapsulated.(Single application).

COM provide security among several crucial dimension.

1).COM uses standard O.S permission to determine whether a client has write to start the code associated with a particular object.

2).COM uses O.S application permission to determine if a particular client can load the object at all or not. If so, whether they have read, write access it.

3).COM provide cross process and cross N/W object server with a standard security information about the client or the client that are using it. So, that a server can in more.

4).COM get security against unauthorized user to access the data.