UNIT III
REPRESENTATIONAL STATE TRANSFER (REST)

As noted, CoAP uses REST techniques. Its like distributed computing. REST aims at supporting scalability of component interactions, generality of interfaces, and independent deployment of components. It defines a set of architectural principles by which one can design WS that focus on a system's resources, including how resource states are addressed and transferred over HTTP.REST is an architectural style of large-scale networked software that takes advantage of the technologies and protocols of the World Wide Web; it describes how distributed data objects, or resources, can be defined and addressed, stressing the easy exchange of information and scalability.

REPRESENTATIONAL STATE TRANSFER (REST)
A REST-based WS follows four basic design principles:

Use HTTP methods explicitly.

Be stateless.

Expose directory structure-like URIs.

Transfer XML, JavaScript Object Notation (JSON), or both.