



Institute of Public Administration
Communication and Network Security
Group 1
Homework (4) Solution

Question (1)

What is the REST architecture?

Solution:

The REST architecture capitalizes on the notion that a URI can be used to represent actions that Web servers should perform.

It combines the existing HTTP infrastructure with results in the Hypertext Markup Language (HTML), the Extensible Markup Language (XML), or the JavaScript Object Notation (JSON) format.

Question (2)

List the three adversarial models of the clouds.

Solution:

- Trusted-third-party (TTP) clouds.
- Honest-but-curious (HBC) clouds.
- Semi-honest-but-curious (SHBC) clouds.

Question (3)

Describe a multitenancy problem.

Solution:

In a cloud-computing environment, a number of different clients are expected to have data or applications reside on the same hardware in the same data center.

Hence, the tenants can learn about each other from their coexistence on the same hardware, also the tenants may affect each other.