

Quiz 4

Quiz directions: please answer all questions clearly, concisely, and legibly.

1. (3 points) Briefly describe the 3 logical roles in the CORBA Events Service.
2. (2 points) What are the steps involved for an Event Consumer to connect to the Event Channel.
3. (4 points) Briefly explain 4 different ways that standard CORBA two-way operations differ from `push` operations invoked on an Event Channel.
4. (2 points) A `push` operation on a CORBA Event Channel can be implemented as either a one-way or a two-way call. Briefly compare and contrast the benefits and drawbacks of each approach.

5. (4 points) Briefly explain (1) the key differences between the Event Service's *push* and *pull* models and (2) give an example of when you'd want to use each mode.

6. (2 points) Briefly describe two different ways to implement filtering in a COS Event Channel.

7. (2 points) List 4 QoS features introduced in the Notification Service.

8. (3 points) Describe how consumers and suppliers can benefit from offer (or publication) change and subscription change information.

9. (2 points) What extra code does the IDL compiler generate to enable AMI?

10. (3 points) Does the server code need to be modified to use AMI? why/why not?