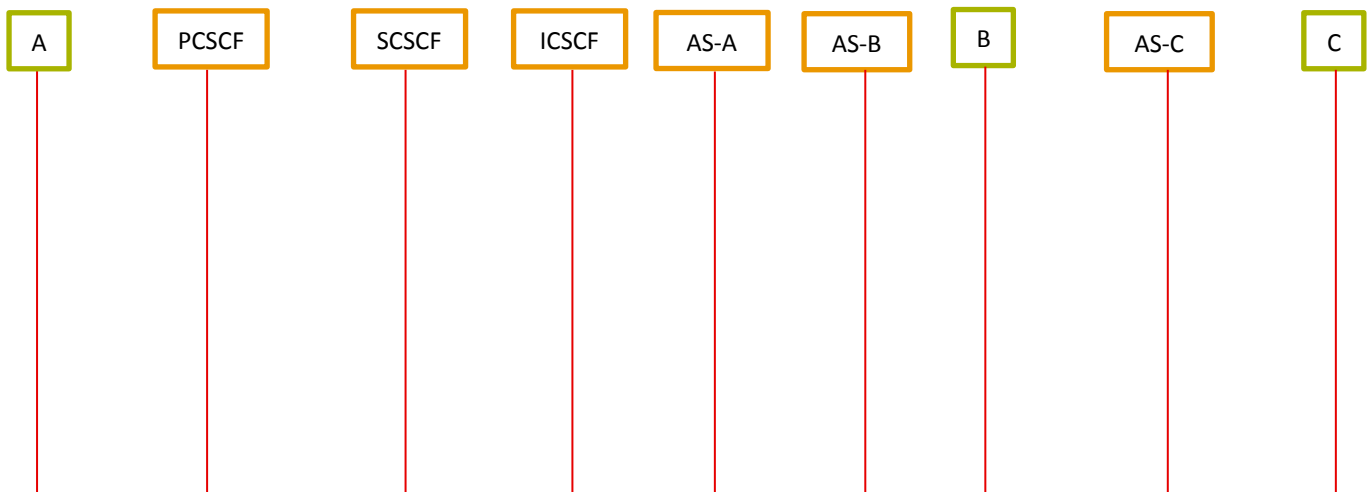


**ACTIVITIES****ACTIVITY 7.1**

1. Consider an IMS network consisting of :
  - a. One P-CSCF, one I-CSCF, one S-CSCF, one HSS
  - b. DNS is accessible by all nodes
  - c. Three user agents: A, B and C
  - d. Three instances of an AS
  - e. UA-A is served by AS-1. UA-B is served by AS-2. UA-C is served by AS-3
2. The Application Server provides two different services:
  - a. Abbreviated dialling (user can dial a short code to reach a destination in their own group). This is an ORIGINATING service
  - b. Call forwarding no answer: ability to forward the call to a new destination if the originally called destination does not answer the call in a predefined amount of time. This is a TERMINATING service
  - c. UA-A, UA-B and UA-C pertain to the same abbreviated dialling Group.
3. Please depict the following call flow:
  - a. UA-A calls UA-B. UA-B does not answer and call forwarding is executed towards UA-C. UA-C takes the call.
  - b. Please assume that PRACK is not supported and that there is no Early Media



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**ACTIVITY 7.2**

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1. In the previous setup, please depict the following call flow:
  - a. UA-A calls UA-B. UA-B does not answer and call forwarding is executed towards UA-C. UA-C takes the call.
  - b. Please assume that PRACK IS supported and that both B and C generate Early Media

