Sequence diagram to join to relay (without handoff)

```
:Mediator        :Relay        :JoinMessageAction           :Clock
```

send JoinMessage

Perform duplicate checkup

alt [system with this sessionID is already connected]

send Response with ExceptionMessage & close connection

[this client has already an open connection]

send Response with ExceptionMessage

[else]

get responsible peer

alt [responsible = this]

send Response with BackupRelayServersMessage

[responsible != null]

send Response with ResponsiblePeerMessage

[else]

send Status.INTERNAL_SERVER_ERROR

reached timeout

send ExceptionMessage