National Informatics Centre
eSign Division

eSign 2.1 Gateway On-boarding Guidelines for Staging

1. Refer to the eSign 2.1 specifications available at
http://www.cca.gov.in/cca/sites/default/files/files/eSign-APIv2.1.pdf

2. aspId="TNIC-001"

3. Signed XML to be sent to eSign gateway on the link below in xml parameter using POST method
https://nic-esigngateway.nic.in/eSign21/acceptClient

4. The response URL incorporated in signed xml is to be mentioned as below.
responseUrl=\https://nic-esigngateway.nic.in/eSign21/response?rs=APPLICATION_RESPONSE_URL\

e.g. if the APPLICATION_RESPONSE_URL is http://nicca.nic.in/esign.jsp, the change will be as responseUrl=\https://nic-esigngateway.nic.in/eSign21/response?rs=http://nicca.nic.in/esign.jsp\

5. Response (success/failure) will be received in 'respon' parameter in xml format.

6. Parameters to be sent along with XML

    xml – signed xml (signed by certificate provided by eSign division)
    clientrequestURL= https://nicca.nic.in/esign.jsp (ASP response URL)
    username="name_of_user"   (size limit 30 characters)

Note:

1. All applications consuming eSign facility must be using SSL (https).
2. Date and time in the txn should match those in the time stamp; can be synchronized with the central NIC time server (164.100.255.122).

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