

Important Instructions to test the connectivity

[Go to Relay Form](#) [Read Instruction](#)

I. **ALL TESTING MUST BE DONE FROM SERVER FROM WHICH NIC EMAIL RELAY GATEWAY NEEDS TO BE INTEGRATED.**

- II. Check the domain look up using nslookup command. If domain (relay.nic.in) does not get resolved, then please contact your server/firewall administrator. Refer below screenshot for using nslookup command.

```
[nic@nic ~] nslookup relay.nic.in
Server:      14.139.5.5
Address:     14.139.5.5#53

Non-authoritative answer:
Name:   relay.nic.in
Address: 164.100.14.95
```

- III. A) For applications hosted in NIC/NKN network Telnet relay.nic.in (164.100.14.95) on port 25. If telnet works then connection to relay server is OK on port 25.

```
[nic@nic ~] telnet relay.nic.in 25
Trying 164.100.14.95...
Connected to relay.nic.in.
Escape character is '^]'.
220 relayin.nic.in ESMTP
^]

telnet> q
Connection closed.
```

If telnet does not work, then there is connection issue. Refer below screenshot.

```
[nic@nic ~] telnet relay.nic.in 25
Trying 164.100.14.95...
telnet: connect to address 164.100.14.95: Connection timed out
```

- B) For applications hosted outside NIC/NKN network. I. Telnet relay.nic.in (164.100.14.95) on port 465. If telnet works then connection to relay server is OK on port 465.

```
[nic@nic ~] telnet relay.nic.in 465
Trying 164.100.14.95...
Connected to relay.nic.in.
Escape character is '^]'.
220 relayin.nic.in ESMTP
^]

telnet> q
Connection closed.
```

If telnet does not work, then there is connection issue. Refer below screenshot.

```
[nic@nic ~] telnet relay.nic.in 465
Trying 164.100.14.95...
telnet: connect to address 164.100.14.95: Connection timed out
```

- IV. Integration of relay service over port 465 requires a userid/password for authentication. If you don't have an id, same may be applied at https://eforms.nic.in/Email_registration.jsp.

Disclaimer: NIC will not be responsible if the testing is not done from the host machine at which application is hosted.