

# Check-list for License checkout issue

ChipIN CDAC Bangalore.

# Check-list for License checkout.

1. Check your Internet connectivity and try ping 14.139.1.126
  - Check your Internet connectivity.
2. Check for whitelisting of you IP from <http://14.139.1.126/>
  - Create a ticket in ChipIN if not whitelisted.
3. Check connectivity to licensing server using “nc -vz <IP> <port>” of particular license server.
  - Ask your network administrator to open respective ports if license server is not accessible.
4. Check for license check out by installing EDA tool binaries.
  - Seek support at <https://chipin.cdacb.in/> for any issue.

## 2. Whitelist Institutes IP for accessing ChipIN EDA tool academic license.

- Sign in to <https://chipin.cdacb.in/>
- Open a new ticket under “IP whitelisting for EDA tool access under C2S” help topic
- Provide your Institute Name and WAN IP details.
- Create a ticket for whitelisting your Institute WAN IPs.

## 2. Institute WAN IPs for single or multiple ISP

- Check the WAN IP address with Network administrator or check any of the following links
  - <https://www.showmyip.com/>
  - <https://www.ipaddress.my/>
  - <https://router-network.com/tools/what-is-my-ip>
- Multiple WAN IPs can be whitelisted as shown example below
  - 14.139.5.5 (Single IP)
  - 14.139.1.10 – 14.139.1.25 (Range of IPs)
  - 14.139.1.0/24 (Subnet)

## 2. Check your WAN IP is whitelisted or not.

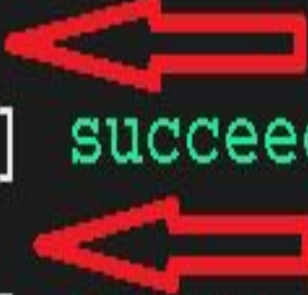
- Open the URL <http://c2s.cdacb.in/> or <http://14.139.1.126/>



### 3. Check the license server is accessible or not.

- Run following command from your Linux system:
- For Silvaco EDA tools (run following commands)
  - `nc -vz 14.139.1.126 27000`
  - `nc -vz 14.139.1.126 27001`

```
cdac@test-ldap: ~$ nc -vz 14.139.1.126 27000
Connection to 14.139.1.126 27000 port [tcp/*] succeeded!
cdac@test-ldap: ~$ nc -vz 14.139.1.126 27001
Connection to 14.139.1.126 27001 port [tcp/*] succeeded!
cdac@test-ldap: ~$
```



# Port Numbers required for the Silvaco EDA Tools

- Following Port numbers to the License server 14.139.1.126 need to be opened at participating Institutions Firewall:
  - For Silvaco EDA Tool:
  - TCP Port: **27000 and 27001**