

# Check-list for License checkout issue

ChipIN CDAC Bangalore.

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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 of 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:
  - nc -vz 14.139.1.126 2100
  - nc -vz 14.139.1.126 49829

```
[cdac@localhost ~]$ nc -vz 14.139.1.126 2100
Ncat: Version 7.92 ( https://nmap.org/ncat )
Ncat: Connected to 14.139.1.126:2100.
Ncat: 0 bytes sent, 0 bytes received in 0.04

[cdac@localhost ~]$ nc -vz 14.139.1.126 49829
Ncat: Version 7.92 ( https://nmap.org/ncat )
Ncat: Connected to 14.139.1.126:49829.
Ncat: 0 bytes sent, 0 bytes received in 0.05
```

### 3. Port Numbers required for the XILINX EDA Tools

- Following Port numbers to the License server 14.139.1.126 need to be opened at participating Institutions Firewall:
  - TCP Port: **2100 & 49829**