

Check-list for Cadre 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 “Request EDA tool access” 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 Cadre EDA tools (run following commands)
 - `nc -vz 14.139.1.126 20720`
 - `nc -vz 14.139.1.126 20721`

```
[chipin@ ~]$ nc -vz 14.139.1.126 20720
Ncat: Version 7.92 ( https://nmap.org/ncat )
Ncat: Connected to 14.139.1.126:20720.
Ncat: 0 bytes sent, 0 bytes received in 0.04 seconds.
[chipin@ ~]$ nc -vz 14.139.1.126 20721
Ncat: Version 7.92 ( https://nmap.org/ncat )
Ncat: Connected to 14.139.1.126:20721.
Ncat: 0 bytes sent, 0 bytes received in 0.03 seconds.
```

Port Numbers required for the Cadre EDA Tools

- Following Port numbers to the License server 14.139.1.126 need to be opened at participating Institutions Firewall:
 - For Cadre EDA Tool:
 - TCP Port: **20720 and 20721**