

Policy for use of Server Room 3 in CC Data Centre for keeping Utility Servers

Capacity of Server Room 3: 10 racks

1. Only utility servers used for providing services to a large number of users (compute servers excluded) and mountable on standard racks can be kept in Server room 3. Cooling requirement should not exceed 5 kW per rack. This Server room is primarily designed for hosting utility servers of CC and Office Automation which do not require intense cooling. Rack-mountable utility servers from other Sections/Facilities of the Institute can also be considered on case-to-case basis. Such requests from other Sections/Facilities should come from the Head or Faculty In-Charge of the respective Sections/Facilities of the Institute.
2. All aspects of the maintenance of non-CC servers kept in CC Data Centre, including planned shutdown, would be fully the responsibility of System Administrators of those machines as authorized by the respective Head/faculty-In-Charge. CC would only provide the space with cooling and UPS power for hosting those servers.
3. For all planned maintenance of the Data Centre, the System Administrators of Sections/Facilities would be responsible for shutting down all their servers by the time line as communicated to them by CC. In the event of emergency or non-planned maintenance of the Data Centre, CC Engineers would have the right to force-shutdown all such servers. Additionally, CC keeps the right to ask for access to root password of all servers kept in CC Data Centre.
4. As per design of the Data Centre, access to all server rooms will be controlled. Access to the Server room 3 can be given to one person per Section/Facility as authorized by the respective Head/Faculty-In-Charge or an access key would be made available with CC security. CC security may check the ID of the person entering the server room.
5. For any other matter related to usage of Server room 3 which is not covered in this policy document, Head CC can take needful action.
6. The policy will be reviewed as and when required and necessary changes would be made.

Whenever a server from other Sections/Facilities is accepted by CC for keeping in Server Room 2, it is assumed that the Head/Faculty-In-Charge of the respective Sections/Facilities accept all the above points. In case of any disagreement, the Head/Faculty-In-Charge of the concerned Section/Facility should inform Head CC before bringing the server to CC.

See the minutes of the HPC Advisory cum Management Committee meeting held on 26-09-12 for further details (http://web.iitk.ac.in/cc/meetings_hpc.htm).