

Please provide the following information to get access to the SDN testbed at Caltech and send it to hep-wheel@caltech.edu.

1. Project description:
 - In a few sentences, please describe your project.
2. Project funding:
 - Please list all ongoing project funding supporting your research.
3. Project PIs:
 - Please list all PIs in your project.
4. Project timeline:
 - Project approval dates (based on Funding)
 - How long will you need access to Caltech SDN Testbed to run tests?
5. Project Goals and Success metrics:
 - What are the project goals and success metrics in terms of using Caltech SDN Resources?
6. Project Requirements in terms of Hardware:
 - Can your application run inside a Kubernetes container? OR
 - Do you need a dedicated server?
7. Project Requirements in terms of Software, tools, and System tuning:
 - Is there any known Software needed (besides outside connectivity and Kubernetes)?
 - Is there any known System tuning needed?
8. Project Requirements in terms of Networking and Network connections - LAN/WAN:
 - Any specific LAN Requirements? Dedicated links, VLANs? Private network?
 - Any specific WAN Requirements? A dedicated path between sites? QoS?
 - Do you need a public IPv4 Range? What is the minimum range required? Do you need any DNS records for those IPs?
 - Do you need a public IPv6 Range? What is the minimum range required? Do you need any DNS records for those IPs?
9. In case you do need sudo/root access - please explain why
 - Given security and repeatability - sudo/root access is limited to a few people. Please explain why you think you will need sudo/root access (if you need one, of course). Most of the things on Caltech SDN Testbed are automatically configured using Puppet - and we want to ensure in case of node loss or disk loss - we can fastly redeploy nodes and bring you back up to speed with all config. (So, we need to ensure system changes are present inside the puppet)
10. In case you do need to have 'configure' or console access to switches - please explain why:
 - Most of the Network Resources in Caltech SDN Testbed are controlled by SiteRM - which covers 90% of all use cases projects require. In this something special - please explain the need - so we can find the best way to achieve and accommodate it.

11. Which users will need access to SDN Testbed (Whom the account should be created for):

- Any user needing access must have a Tier2/SDN account created. Please list all users assigned to this project and who should get a Tier2/SDN account.