20151217 SLAC Amity Meeting

Time & date

Thurs Dec 17th 2015 ~9:00pm Pacific Standard Time, Thursday Dec 18th 2015 10:30am India time.

This was a Skype meeting.

Coordinates of team members:

- The email list for the Amity team is: stanfordamityproject2015@gmail.com
- The chat group is https://slac-amity.slack.com
- Coordinates for SLAC Amity collaboration

Attendees

Actual attendees:

Jahin, Anwesha, Prof Abhay Basal, A. Sai Sabitha - Amity; Les SLAC

PingER MA

They are ready to start the installation of the PingER MA at Amity. This will be lead by A Sai Sabitha. they need to get the OK from the VC, once they have that they can work with IT to get the appropriate firewall permissions etc. They will need to enable ICMP request and response, traceroute ports (**traceroute** uses UDP **ports** 33434 - 33464), and port 80 (for the Apache web server). The host will need a public IPV4 address and the name to be registered in DNS. The host requirements are minimal (it can run on a Raspberry Pi). There is no need to back-up the measured data. It is gathered daily by SLAC and stored in a backed up archive at SLAC. They should keep the measured data for about 30 days in case SLAC fails to gather the data. Information on installing the MA is available starting at: Installation Overview.

Student availability

There are two students (Jahin and Ankit Singh) will be at at the University of Florida who have F1 US visas and will finish at Florida in the 1st week in May. They are then free to come directly to SLAC. They will then continue their studies in the US in August 2016, hence they will be available at SLAC for ~ 3 months. Low cost housing could be an issue. Most of the other students are BTech students at Amity who will graduate in May. Once we have their names and mutual interest we can start the paper work to get started on invitations. Aditya Pan and Anwesha Mal who graduate in May with a BTech are going to the National University of Singapore. (I am unsure if this means they are going to University of Singapore after they graduate in May, or before then. Are they candidates to come to SLAC?)

PingER students

The following have written papers on PingER:

- Aditya Pan has started work on the Android port of the PingER MA
- Anwesha has started work on looking at the PinGER data and using cluster analysis on it
- Jahin and Aditya have started work on looking at the PingER data and correlation analysis

Les has copies of these three and has reviewed the Android and cluster analysis papers. It would help if he could be provided with a copy in word so he could mark up corrections before they go to publication via IEEE. These students will be working remotely with Les and Bebo at SLAC between now and May.

Other Projects

- GeoLocation of Internet hosts using TULIP - Anjum Naveed, UM and Les Cottrell
- IoT, Computer vision- Mayank, Yee
- PingER Warehouse and Big data analysis with Hadoop
- Big Data - Jacek and Vaicunth Thrukral

Action items:

Les:

- Set up next meeting - Done see below
- Provide rough notes on potential projects - Done see Other Projects above
- Provide notes from meeting - Done

Amity

- Review notes for accuracy - Done

- Provide Word document for papers - Done
- Provide a rough template of what you would like in the invitations for students to join PingER and also the student names

Next Meeting

Next meeting: Thursday Jan 7th 9:00pm Pacific Standard Time, 00:00 Friday Jan 8th Florida time, Friday Jan 8th, 2016 10:30am India time, Friday Jan 8th 1:00pm Singapore time