

Minutes from MB-NG Collaboration meeting

Date:	19 April 2002
Number	2
Where	UCL, CS Dept, Room 214
Status	DRAFT
Present	J. Couzens I. Bridge P. Clarke F. Saka A. Di Donato R. Hughes-Jones G. Ferry C. Cooper R. Tasker R. Renoulds M. Allenby C. Seelig D. Salman Demitry C. Edwards Y. Li S. Bhatti J. Crowcroft
Apologies	J.Sharp R.Samani R.Price C.Byelong A.Kerl T.Chown J.Butler

Summary of actions:

Number	Who	Description	Status
1-1	J.Sharp	Organise mechanism to further the specification of “replacement managed bandwidth service” if more than current Diffserv/Mpls model.	Ongoing
1-2	P.Clarke	Modify objectives document	Done
1-3	R.Tasker	Iterate and complete “managed bandwidth tasks definition document” document within 4 weeks . Group to do this is: R.Hughes-Jones, S.Bhatti, C.Cooper, P.Clarke	Done
1-4	R.Tasker P.Clarke	Following action 1-3, call for subgroups to progress definition of each task following ACTION-1-3	Ongoing
1-5	T.Chown S.Bhatti	Undertake a threat analysis	Ongoing
1-6	P.Clarke R.Hughes-Jones	Define “Grid Application tests” to be done between test network PCs Define outline set of “Grid application tests” to be performed between “public sites” e.g. RAL Tier1/UCL CDF/CERN....	Ongoing
1-7	T.Chown	Organise working group to progress definition of security issue resolution. In particular in light of ACTION-1-5 and ACTION-1-6 The working group to be TC, C.Seelig, JCouzens, R.Lawrence	Ongoing
1-8	R.Hughes-Jones	Inaugurate “Throughput test WG” and call meetings to fully define tests scheme/schedule. Group should include: Y.Li, S.Bhatti, I.Bridge, R.Tasker, P.Clarke. By end Feb. 19April2002: Meeting will be organised two weeks from now.	Ongoing
1-9	P.Clarke J.Butler	Following GSR technical meeting on 8 th Feb progress equipment requirements within CISCO	Ongoing
1-10	ULCC	Test Optics to UCL 19April2002: Being finalised	Ongoing
1-11	J.Sharp	Ask what cost of SDH link to RAL is (rather than dark fibre). This may be cheaper than buying blade for GSR 19April2002: SDH costs a lot more.	Done
1-12	J.Sharp	Determine whether 50k p.a. for RAL link is inclusive of VAT 19April2002: It is 50k plus VAT.	Done
1-13`	P.Clarke S.Bhatti	Talk with Peter Kirstein in respect of Worldcom link from Warrington to MCC	Done
1-14	J.Sharp	Register mb-ng.ac.uk 19April2002: mb-ng.ac.uk is not available. S. Bhatti is looking at other options	Done

2-1	P.Clarke	Arrange how travel expenses are claimed.	NEW
2-2	P.Clarke, R.Hughes- Jones	Decide on the easiest course for budgeting for small items (cables, racks etc).	NEW
2-3	P.Clarke	Finance document will be put on the web in a protected area for member to see.	NEW
2-4	F.Saka	Enact MB-NG document naming scheme	NEW
2-5	P.Clarke, I.Bridge	Peter to send a message to Jane that Ian Bridge will send kit list next week.	NEW
2-6	Everyone	If you are not on the MB-NG mailing list to send a message to R.Samani@ukerna.ac.uk	NEW
2-7	D.Salman	To provide lead time for ability to light RAL link.	NEW
2-8	Task Leaders	Finalise and progress task description. Ensure progress is made in a timely fashion. Present status in the next meeting.	NEW
2-9	F.Saka	To find the most suitable day for the bi-weekly meeting.	NEW
2-10	Everyone	Read the Task 1 document and send any comments to Peter.	NEW
2-11	R.Hughes- Jones and interested parties	Meet on Thursday 2nd May (All day) at UCL to discuss QoS metrics and task 2	NEW
2-12	P.Clarke, R.Hughes- Jones	To meet with BOSTON at 11 am on 26th April concerning the motherboards.	NEW
2-13	I.Bridge	To e-mail Peter Clarke on setting up a meeting with Spirent.	NEW
2-14	S.Bhatti	To organise a meeting on policy task.	NEW
2-15	P.Clarke	To arrange for T. Ferrari to come to give a talk in the UK.	NEW
2-16	UKERNA	To report on extension of link to the outside world (ESNET, Abilene, GEANT).	NEW
2-17	Everyone	Forward electronic versions of presentations to Yee so that they can be made available on the web.	NEW
2-18	Y.Li, S.Bhatti	After meeting, get web site into a state such that 1) Public docs are available. 2) Private docs are available via password.	

Document links:

Presentations at meeting:

P.Clarke: Status

I.Bridge: Updated diagram of SuperJanet 4 development network.

P.Clarke: Project Task, schedule and Gantt chart
P.Clarke: Task 1 document handed out
F.Saka: QoS Metrics and software
R.Hughes-Jones: High end motherboard
S.Bhatti: Task 5-QoS definitions.
Y.Li: SLAC work on QBSS.

Adoption of agenda

The agenda was adopted without modifications.

Status of project

P.Clarke presented financial and staff figures. It has been noted that the project started officially on the 18th March 2002.

Recruitment

Frank Saka (UCL) Started on 18th March 2002
Nick Simpson (UCL) will start on 7th May 2002
Steven (Manchester) will start at the end of April

ACTION: Everyone not on the MB-NG mailing list to send a message to
R.Samani@ukerna.ac.uk

Finances

ACTION: Peter to decide on how people should claim for travel budget.
ACTION: Peter and RHJ to decide on the easiest course for budgeting for small items.
ACTION: Peter Finance document will be put on the web
AGREED: All documents will be put on the web in a protected area. Only final documents will be made world public

Document naming scheme.

P.Clarke proposed document naming scheme. MB-NG-DOC-*
e.g. MB-NG-DOC-TASK-* for task documents
MB-NG-DOC-MAN-* for management documents.

AGREED: The naming scheme was accepted.
ACTION: Frank to enact document registry.

Infrastructure.

Equipment Specification

Ian Bridge presented an updated diagram of SuperJanet 4 development network.

Desired equipment

Kit list has been done. Need to confirm the suitability of the specified optics. This is being done and should be finalised by next week.

ACTION: P. Clarke/I.Bridge to send a message to Jane that Ian Bridge will send kit list next week.

Proposed distribution of CISCO routers.

AGREED: It was suggested that when the routers are to be delivered, 1 router goes to RAL, 2 to Manchester and 3 to UCL. Later, one from UCL will go to RAL. This is to enable some tests to be carried out at UCL.

Core links to sites

UKERNA core links: 21st May switch to core links.

ACTION: Dave Salman to provide lead time for ability to light RAL link.

ISSUES RAISED: Racks budget. A budget for racks has been previously overlooked.

Project task list and schedule

Peter presented the project Gantt chart. Each task was discussed and task leaders were agreed and assigned to each task.

AGREED: Members agreed to the Gantt chart.

ACTION: Task Leaders: Finalise and progress task description.

Ensure progress is made in a timely fashion.

Present status in the next meeting.

AGREED: There is an e-science meeting from 2 to 4 September 2002. We will try to present something at this meeting. Exactly what will be decided in the next meeting.

There is an i-GRID meeting on 24-26th September. Richard Hughes-Jones would like to run real GRID traffic for a demo.

Bi-weekly meetings:

The proposed time of every 2nd and 4th Monday of the month is inconvenient for members.

ACTION: Frank to send a mail around to find the most suitable day for the bi-weekly meeting.

Reports on technical progress with tasks

Peter handed out a document on Task 1. "The technical goals" document. He would like comments on this.

ACTION: Everyone to read the task 1 document and send any comments to Peter.

Frank Saka presented a paper on the QoS metrics. A discussion followed on what metrics we need.

ACTION: RHJ and other to meet on Thursday 2nd May (All day) at UCL to discuss QoS metrics, task 2 progress and other business which need clearing up.

Progress on task 3 (PC procurement, Spirent, Agilent)

Richard Hughes-Jones gave a presentation on a high end motherboard from BOSTON.

ACTION: RHJ and P. Clarke to meet with BOSTON at 11 am on 26th April concerning the motherboards.

Ian Bridge reported on progress with Spirent. We would like to get:

- The Smartbits tester

- Core traffic generator for web type traffic

- Addtech, a standalone QoS analysis box.

This is progressing, but we need more PR to convince Spirent (What do they get out of it?)

ACTION: Ian Bridge to e-mail Peter Clarke on setting up a meeting with Spirent.

Chris Edwards reported that There is no scope for Agilent coming in on the project.

Progress on Task 5 (Policy)

Saleem Bhatti presented work on Task 5-QoS definitions.

Diffserv AF will be done if we can. It is not a vital part of the project.

Output of policy work will be a document. It is not likely to arrive until after June.

ACTION: Saleem to organise a meeting on policy document.

Future Collaborations

SLAC work on QBSS

Yee Li presented Les Cottrel presentation.

It was presented as the type of high level plots we need when making presentations to the outside world.

Special Technical Meeting

Peter mentioned Tiziana Ferarri (has lots of expertise in QoS) and suggested inviting her to the UK for a technical meeting. Members agreed.

ACTION: Peter Clarke will try to arrange for T. Ferrari to come to give a talk.

Peter Clarke has spoken to Ian Foster. He has shown interest in getting involved in the project.

ACTION: UKERNA to report on extension of link to the outside world.

Project member should be aware of possible extension of the project to outside UK.

AoB, Next Meeting

S.Bhatti is looking at the options for the MB-NG url.

Electronic versions of all presentations to be forwarded to Yee Li so that they can be available in a common place on the web.

Next meeting is scheduled for Thursday 11th July 2002.