

**From:** [Kelly DeYoe](#)  
**To:** [Roger Dingleline](#)  
**Cc:** [Ken Berman](#); \_\_\_\_\_  
**Subject:** Re: Turning your VOA Akamai site into a twitter proxy?  
**Date:** Wednesday, June 17, 2009 6:36:23 PM

---

I'm not sure how this really helps though, since voanews.com itself is blocked in the places that are also likely to block twitter, so they would have to use one of the censorship circumvention methods just to reach voanews.com/twitter in the first place, at which point they could just use the same method to go to twitter directly instead.

-k

Roger Dingleline wrote:

> Hi Kelly,  
>  
> I just got a call from a friend of mine who works at Akamai. He can't  
> have an official conversation with you, but he pointed out that you could  
> set up a voanews.com/twitter page which took in twitter credentials and  
> then passed traffic to twitter. In effect that would make every akamai  
> node into a proxy for folks who can't reach twitter directly. And you  
> could do it just by modifying the content on your side, and not need to  
> involve akamai in any way.  
>  
> I don't know the twitter API to know how complex a page this would be to  
> write. You'd want to get some engineers on your side to ponder whether  
> it's *\*actually\** a good idea, if you decide that it appears to be a good  
> idea. :)  
>  
> In any case my job is to be the messenger. I'm happy to hook you up with  
> him in an unofficial way if you want to ask questions.  
>  
> Hope you're having an exciting week,  
> --Roger  
>

**From:** [Ken Berman](#)  
**To:** [Bill Xia](#); [Roger Dingledine](#)  
**Cc:** (b) (6); [Kelly DeYoe](#); [Hiu Ho \(Hugh Hall\)](#)  
**Subject:** RE: U Penn colleagues?  
**Date:** Wednesday, September 03, 2008 10:59:50 AM

---

Roger - pls touch base with Shiyu when you get a chance.  
Bill - yes, but he called it something else, like "help those in censored countries" or something like that.  
Ken

-----Original Message-----

**From:** Bill Xia [[mailto:\(b\) \(6\)](#)]  
**Sent:** Wednesday, September 03, 2008 9:51 AM  
**To:** [Ken Berman](#)  
**Cc:** (b) (6); [Kelly DeYoe](#); [Hiu Ho \(Hugh Hall\)](#)  
**Subject:** Re: U Penn colleagues?

Sure. It is Shiyu Zhou <[\(b\) \(6\)](#)>, [\(b\) \(6\)](#)

Did Roger get "Tor for freedom" button added? Last time when I checked, I did not see it mentioned in the Tor's "change log".

Bill

**From:** Roger Dingledine  
**To:** Ken Berman; Bill Xia  
**Cc:** [REDACTED]; Kelly DeVoe; Hiu Ho (Hugh Hall); [REDACTED] (b) (6)  
**Subject:** Re: U Penn colleagues?  
**Date:** Thursday, September 04, 2008 6:55:23 PM

---

On Wed, Sep 03, 2008 at 09:59:50AM -0400, Ken Berman wrote:  
> Roger - pls touch base with Shiyu when you get a chance.

Sent him a mail. Looks like he's living in NYC this year, so it won't be as quick as a trip next door. We'll still try to coordinate something though.

> Bill - yes, but he called it something else, like "help those in >censored countries" or something like that.

Hi Bill,

Great to hear from you. Yes, the "offer a bridge relay" feature has been in Vidalia for a little while now, and will hopefully get more attention now that the stable Tor 0.2.0.30 release is finally out as of July. You can find it in the Vidalia interface by clicking on "Setup Relaying" from the control panel, and then click "Help censored users reach the Tor network".

Then Tor users who need to configure a bridge relay can learn more here: <https://www.torproject.org/bridges>

Most of the hard part is in the back-end ("what happens after you click things"), so if you have suggestions for a better interface, we'd love to hear them.

--Roger

**From:** [Ken Berman](#)  
**To:** [Roger Dingledine](#); [Bill Xia](#)  
**Cc:** (b) (6); [Kelly DeYoe](#); [Hiu Ho \(Hugh Hall\)](#); (b) (6)  
**Subject:** RE: U Penn colleagues?  
**Date:** Friday, September 05, 2008 8:29:28 AM

---

He'll be here on a panel next week:

The Broadcasting Board of Governors invites you to join its workshop entitled New Media vs. New Censorship: The Authoritarian Assault on Information at 9:00 a.m. on September 10 in the VOA Briefing Room (#1528A). The workshop will explore the challenges posed by the increasingly sophisticated efforts of authoritarian regimes to suppress and manipulate news online and in new media.

Schedule:

9:00 a.m. Welcome

9:05 a.m. Opening Remarks: Paula Dobriansky, Under Secretary for Democracy and Global Affairs

9:20 a.m. Keynote: Representative Chris Smith (R-NJ) (invited)

9:45 a.m. Panel 1: Global Trends in New Censorship and Internet Controls

A discussion of the developing trends in worldwide censorship of the Internet including legislation, technical interference, and content manipulation.

Moderator: Ken Berman - Information Technology Director, Broadcasting Board of Governors, International Broadcasting Bureau

Panelists:

Christopher Walker, Director of Studies, Freedom House

Shiyu Zhou, Deputy Director, Global Internet Freedom Consortium

Kathleen Reen, Vice-President for Asia, Environment and New Media, Internews

Ivan Sigal, Executive Director, Global Voices

-----Original Message-----

**From:** Roger Dingledine [[mailto:\(b\) \(6\)@](mailto:(b) (6)@)]  
**Sent:** Thursday, September 04, 2008 5:55 PM  
**To:** Ken Berman; Bill Xia  
**Cc:** (b) (6); [Kelly DeYoe](#); [Hiu Ho \(Hugh Hall\)](#); (b) (6)  
**Subject:** Re: U Penn colleagues?

On Wed, Sep 03, 2008 at 09:59:50AM -0400, Ken Berman wrote:

> Roger - pls touch base with Shiyu when you get a chance.

Sent him a mail. Looks like he's living in NYC this year, so it won't be as quick as a trip next door. We'll still try to coordinate something though.

> Bill - yes, but he called it something else, like "help those in >censored countries" or something like that.

Hi Bill,

Great to hear from you. Yes, the "offer a bridge relay" feature has been in Vidalia for a little while now, and will hopefully get more attention now that the stable Tor 0.2.0.30 release is finally out as of July. You can find it in the Vidalia interface by clicking on "Setup Relaying" from the control panel, and then click "Help censored users reach the

Tor network".

Then Tor users who need to configure a bridge relay can learn more here:  
<https://www.torproject.org/bridges>

Most of the hard part is in the back-end ("what happens after you click things"), so if you have suggestions for a better interface, we'd love to hear them.

--Roger

**From:** [Andrew Lewman](#)  
**To:** [Ken Berman](#)  
**Cc:** (b) (6); (b) (6); [Kelly DeYoe](#); [Sho Ho](#); [Song Jin](#); [Roger Dingledine](#)  
**Subject:** Re: Upcoming Event: Internet Circumvention Tools and Methods: Evaluation and Review  
**Date:** Thursday, March 31, 2011 5:59:16 PM

---

On Thu, 31 Mar 2011 11:39:14 -0400  
Ken Berman <(b) (6)> wrote:

> You are invited.....

We are as interested as you are in how a non-technical organization evaluates super-technical tools. We'll send someone to this to find out.

Thanks!

--  
Andrew  
pgp 0x74ED336B

**From:** [Roger Dingleline](#)  
**To:** [Ken Berman](#)  
**Cc:** [farid pouya](#); [Shava Nerad](#); [Kelly DeYoe](#)  
**Subject:** Re: update  
**Date:** Wednesday, December 13, 2006 4:03:55 PM

---

On Wed, Dec 13, 2006 at 03:58:21PM -0500, Ken Berman wrote:  
> I say a big YES to this, but I want to make sure Roger and Kelly are  
> clear what it is exactly you are publishing. Roger? Kelly?

Sounds great to me. The more information that's out there the better.

Speaking of which, I periodically read blog entries in Farsi that look like they provide lots of useful information. For example, the most recent one was:

[http://efsha.co.uk/farsi/articles/Articles/new\\_page\\_390.htm](http://efsha.co.uk/farsi/articles/Articles/new_page_390.htm)

I can't ever succeed at getting these people to answer their mail though, so I've never been able to turn it into anything.

Thanks,  
--Roger

**From:** [Roger Dingledine](#)  
**To:** [Kelly DeYoe](#); [Ken Bergan](#); [Sho Ho](#)  
**Cc:** (b) (6); [Karsten Loesing](#)  
**Subject:** Re: Update, Tor and Iran  
**Date:** Friday, July 03, 2009 9:50:14 PM

---

On Wed, Jun 24, 2009 at 07:36:45AM -0400, Roger Dingledine wrote:

> We're seeing a serious up-tick in Tor use from Iran:  
> <https://blog.torproject.org/blog/measuring-tor-and-iran>  
> I haven't yet made an updated version of that graph,

And here's an update:

<https://blog.torproject.org/blog/measuring-tor-and-iran-part-two>

Thanks,  
--Roger



**From:** Ken Berman  
**To:** Roger Dingledine; Kelly DeYoe; Sho Ho  
**Cc:** (b) (6); Karsten Loesing  
**Subject:** RE: Update, Tor and Iran  
**Date:** Thursday, June 25, 2009 8:33:22 AM

---

Great stuff, Roger. Still amazed that with the b/w issues in Iran, Tor is being successfully used there.  
Ken

-----Original Message-----

From: Roger Dingledine [mailto:(b) (6)]  
Sent: Wednesday, June 24, 2009 7:37 AM  
To: Kelly DeYoe; Ken Berman; Sho Ho  
Cc: (b) (6); Karsten Loesing  
Subject: Update, Tor and Iran

Hi Kelly, Ken, Sho,

Here's a brief update on how things are going with Tor. We've been busy the past week helping users in Iran set up Tor, and users out of Iran set up Tor bridges and relays.

We're seeing a serious up-tick in Tor use from Iran:

<https://blog.torproject.org/blog/measuring-tor-and-iran>

I haven't yet made an updated version of that graph, but it dips a bit and then goes even higher. I estimate there are between 1000 and 10000 people actively using Tor from Iran each day (plus another 250-1000 or so bridge users, but those are much harder to count). It's not a million, but it's clearly enough to get a lot of info to/from people inside.

Karsten made some graphs of the number of relays and number of bridges running:

<https://blog.torproject.org/blog/recent-growth-tor-network>

and that article links two pdf's with much more detail:

<https://git.torproject.org/checkout/metrics/master/report/dirarch/dirarch-2009-06-22.pdf>

<https://git.torproject.org/checkout/metrics/master/report/bridges/bridges-2009-06-22.pdf>

We've been in the press a bunch. I've left that to Andrew, who I think has managed to divert all of the "Tor takes on Iran, and wins!!!" stories that journalists wanted to write. Yay.

I cleaned up the Tor relay / bridge setup instructions:

<https://www.torproject.org/docs/tor-doc-relay>

Note that the Tor network is not blocked from Iran right now. So people can just fetch Tor and use it -- the bridges are backups for a) in case the Tor network does get blocked, and b) people who want more security because they're worried somebody will recognize that it's a Tor relay IP address they're contacting.

Some nice fellow in Iran helped us clean up our Tor Browser Bundle Farsi page:

<https://www.torproject.org/torbrowser/index.html.fa>

We had the right-to-left screwed up in some places, and nobody had told us before this week. Oops.

We also put out an emergency Tor Browser Bundle update today with the newly released Pidgin 2.5.7: apparently a) Yahoo broke Yahoo Messenger for all clients except their official one, and they chose the past few days to do it, and b) Yahoo Messenger is the IM client of choice in Iran.

Boo for Yahoo.

We're continuing to make progress on the performance questions. Karsten has set up a "torperf" program fetching three files periodically via Tor: 50KB, 1MB, and 5MB. You can see the results here:

<https://git.torproject.org/checkout/metrics/master/report/performance/torperf-2009-06-24.pdf>

Page 3 shows the 1st quartile, median, and 3rd quartile of total download time. So 50KB downloads generally take 5-15 seconds to download; 1MB downloads take 40-100 seconds; and 5MB downloads take 150-450 seconds.

Conclusion: the bulk downloads are surprisingly good, and the tiny download is surprisingly bad. We need to get that round-trip time down.

And last, our gettor email service has gone nuts in the past few days:

<https://www.torproject.org/finding-tor#Mail>

Jake did a training in Hong Kong a few days ago, and somebody there fanfou'd the gettor address, and it took off from there. We've sent about 1400 Tor Browser Bundles via email in the past two days, and we're answering about 1 request per minute at this point -- a bit under 1 megabyte per second being dumped on gmail. I've contacted some friends at google to make sure they know it's happening. :)

More later,  
--Roger

**From:** [Roger Dingledine](#)  
**To:** [Shava Nerad](#)  
**Cc:** [Ken Berman](#); [farid pouya](#); [Kelly DeYoe](#)  
**Subject:** Re: update  
**Date:** Wednesday, December 13, 2006 4:33:47 PM

---

On Wed, Dec 13, 2006 at 04:07:00PM -0500, Shava Nerad wrote:

> I'd be sensitive as to how things were phrased. Our tension in  
> countries such as Iran is always, "how much do we say to make people  
> well informed without getting the Information Ministry to shut us down?"

True. In the past we have avoided publicity pushes in the US and Europe, because what we need to do most is make the software better, not to get everybody talking about it. We can control the pace of the arms race at least to some extent, and there's no point forcing our adversary to take the first few steps quite yet.

> So, I expect Fred is used to phrasing things diplomatically,  
> read-between-the-lines, but I wouldn't mind seeing an English version  
> of what you're posting?

Agreed.

--Roger

**From:** [Kelly DeYoe](#)  
**To:** [Roger Dingledine](#)  
**Cc:** [Shava Nerad](#); [Ken Berman](#)  
**Subject:** Re: we got our IRS letter!  
**Date:** Thursday, March 15, 2007 11:53:37 AM

---

Thanks for the updates, Roger, I'll forward these along with the other things I need to document to the Contracting Officer.

-k

Roger Dingledine wrote:

> On Wed, Mar 14, 2007 at 06:36:11PM -0400, Kelly DeYoe wrote:

>

>>If you can send me the most recent versions of those 3 documents, it  
>>will save me some time, otherwise I will go through and look online for  
>>them again tomorrow.

>

>

> Hi Kelly,

>

> Here's the latest version of the three docs. blocking.pdf and  
> roadmap-tor.pdf are pretty much the same as they were before. I've gone  
> through roadmap-blocking to schedule things by phases rather than by  
> dates, so we can describe timelines more easily -- we're still waiting  
> for the funders in Europe to actually sign the things saying they've  
> decided to fund us, so blocking-specific things have slipped a bit from  
> our previously over-optimistic schedule to our newly over-optimistic  
> schedule. :) (We've taken advantage of the time to clean up the codebase  
> and design so we're in a more flexible position for whatever comes next.)

>

> --Roger

**From:** [Roger Dingledine](#)  
**To:** [Kelly DeYoe](#)  
**Cc:** [Shava Nerad](#); [Ken Berman](#)  
**Subject:** Re: we got our IRS letter!  
**Date:** Wednesday, March 14, 2007 11:05:53 PM  
**Attachments:** [blocking.pdf](#)  
[roadmap-tor.pdf](#)  
[roadmap-blocking.pdf](#)

---

On Wed, Mar 14, 2007 at 06:36:11PM -0400, Kelly DeYoe wrote:  
> If you can send me the most recent versions of those 3 documents, it  
> will save me some time, otherwise I will go through and look online for  
> them again tomorrow.

Hi Kelly,

Here's the latest version of the three docs. blocking.pdf and roadmap-tor.pdf are pretty much the same as they were before. I've gone through roadmap-blocking to schedule things by phases rather than by dates, so we can describe timelines more easily -- we're still waiting for the funders in Europe to actually sign the things saying they've decided to fund us, so blocking-specific things have slipped a bit from our previously over-optimistic schedule to our newly over-optimistic schedule. :) (We've taken advantage of the time to clean up the codebase and design so we're in a more flexible position for whatever comes next.)

--Roger

**From:** [Kelly DeYoe](#)  
**To:** [Shava Nerad](#); [Roger Dingledine](#)  
**Cc:** [Ken Berman](#)  
**Subject:** Re: we got our IRS letter!  
**Date:** Wednesday, March 14, 2007 7:36:11 PM

---

Due to some miscommunication between myself and the Contracting Officer, he is still waiting on a couple more things from me before he can award the contract. I will prepare the rest of what he needs tomorrow, but one other thing they are asking for is if they can have copies of your "proposal" as well, for which I would like to send them the most recent versions of all 3 relevant Tor documents -- the overall Tor Development Roadmap, the Tor Blocking-Resistance Roadmap, and the Design of a blocking-resistant anonymity system paper.

If you can send me the most recent versions of those 3 documents, it will save me some time, otherwise I will go through and look online for them again tomorrow.

-k

Ken Berman wrote:

> Kelly - can you get an update for us? Ken  
>  
> Shava Nerad wrote:  
>  
>> Not that it matters but so much to IBB, except that now I can go to  
>> MacArthur and other folks who couldn't give us money until we got  
>> initial exemption.  
>>  
>> We filed the last week of December, and it's now mid-March. Our  
>> lawyers tell us that this is a land speed record to get an initial  
>> letter of exemption these days. I just wanted to say thank you, since  
>> I'm sure having IBB as a major funder helped our 1023 jump through the  
>> proper hoops without a hitch.  
>>  
>> Any news on the contract signing? It would be a huge help if this  
>> went through in the next week.  
>>  
>> Thanks!  
>>  
>

**From:** [Ken Berman](#)  
**To:** [Roger Dingleline](#); [Shava Nerad](#)  
**Cc:** [Kelly DeYoe](#)  
**Subject:** Re: we got our IRS letter!  
**Date:** Friday, March 16, 2007 2:41:27 PM

---

Roger and Shava - does it appear like this is hurry up and wait?! Well, yes....sorry. but Kelly has not got the Contracts people in agreement that if you will send us the info below, you can sign the contract when we see you next week. Ken

Kelly DeYoe wrote:

> So we just had a meeting with the Contracting Officer and the head of  
> the Office of Contracts, and should have a contract ready for your  
> signature when you're here in DC at the end of next week.

>  
> However, there is still one outstanding issue we need to address by  
> this afternoon or Monday morning at the latest to make this timeline  
> happen, and that is that we need a letter from you (i.e. from The Tor  
> Project, Inc. on letterhead) indicating that you can provide the  
> services in the statement of work for the estimated costs by the end  
> of the period of performance (i.e. 1 year).

>  
> Could we get together for a quick conference call this afternoon to  
> discuss this? Both Ken and I are pretty much wide open on times, so  
> just let us know when would be good for you both.

>  
> -k

>  
>  
> Roger Dingleline wrote:

>  
>> On Wed, Mar 14, 2007 at 06:36:11PM -0400, Kelly DeYoe wrote:

>>  
>>> If you can send me the most recent versions of those 3 documents, it  
>>> will save me some time, otherwise I will go through and look online  
>>> for them again tomorrow.

>>  
>>  
>>  
>> Hi Kelly,

>>  
>> Here's the latest version of the three docs. blocking.pdf and  
>> roadmap-tor.pdf are pretty much the same as they were before. I've gone  
>> through roadmap-blocking to schedule things by phases rather than by  
>> dates, so we can describe timelines more easily -- we're still waiting  
>> for the funders in Europe to actually sign the things saying they've  
>> decided to fund us, so blocking-specific things have slipped a bit from  
>> our previously over-optimistic schedule to our newly over-optimistic  
>> schedule. :) (We've taken advantage of the time to clean up the codebase  
>> and design so we're in a more flexible position for whatever comes  
>> next.)

>>  
>> --Roger  
>

**From:** Ken Berman  
**To:** Roger Dingleline  
**Cc:** Kelly DeYoe  
**Subject:** Re: when?  
**Date:** Wednesday, January 23, 2008 7:45:53 AM

---

OK, good

Roger Dingleline wrote:

On Thu, Jan 17, 2008 at 09:50:14AM -0500, Roger Dingleline wrote:

On Thu, Jan 17, 2008 at 09:00:00AM -0500, Ken Berman wrote:

Roger - remind me again of when you will be here? Ken

On the (late) afternoon of Feb 14. I'll let you know more details once I have a flight.

14FEB - THURSDAY	
LV BOSTON	12:05 PM 4599
American Airlines	
AR WASHINGTON REAGAN	1:45 PM ECONOMY

Assuming all goes well, I should be able to get to IBB offices by 3ish  
give or take a bit.

--Roger



**From:** [Roger Dingleline](#)  
**To:** [Ken Berman](#)  
**Cc:** [Kelly DeYoe](#)  
**Subject:** Re: when?  
**Date:** Wednesday, January 23, 2008 5:13:24 AM

---

On Thu, Jan 17, 2008 at 09:50:14AM -0500, Roger Dingleline wrote:

> On Thu, Jan 17, 2008 at 09:00:00AM -0500, Ken Berman wrote:

> > Roger - remind me again of when you will be here? Ken

>

> On the (late) afternoon of Feb 14. I'll let you know more details

> once I have a flight.

14FEB - THURSDAY

LV BOSTON

12:05 PM 4599 American Airlines

AR WASHINGTON REAGAN

1:45 PM ECONOMY

Assuming all goes well, I should be able to get to IBB offices by 3ish  
give or take a bit.

--Roger

**From:** [Roger Dingleline](#)  
**To:** [Ken Berman](#)  
**Cc:** [Kelly DeYoe](#)  
**Subject:** Re: when?  
**Date:** Thursday, January 17, 2008 9:50:14 AM

---

On Thu, Jan 17, 2008 at 09:00:00AM -0500, Ken Berman wrote:  
> Roger - remind me again of when you will be here? Ken

On the (late) afternoon of Feb 14. I'll let you know more details  
once I have a flight.

--Roger

**From:** [Roger Dingleline](#)  
**To:** [Kelly DeYoe](#)  
**Cc:** [Ken Berman](#)  
**Subject:** Re: when?  
**Date:** Wednesday, February 13, 2008 11:50:39 PM

---

On Wed, Jan 23, 2008 at 05:13:24AM -0500, Roger Dingleline wrote:  
> On Thu, Jan 17, 2008 at 09:50:14AM -0500, Roger Dingleline wrote:  
> > On Thu, Jan 17, 2008 at 09:00:00AM -0500, Ken Berman wrote:  
> > > Roger - remind me again of when you will be here? Ken  
> >  
> > On the (late) afternoon of Feb 14. I'll let you know more details  
> > once I have a flight.  
>  
> 14FEB - THURSDAY  
>     LV BOSTON                     12:05 PM 4599    American Airlines  
>     AR WASHINGTON REAGAN         1:45 PM ECONOMY  
>  
> Assuming all goes well, I should be able to get to IBB offices by 3ish  
> give or take a bit.

Ok. I'll aim to be in the ibb lobby by 15:00 or 15:30, and I'll give  
Kelly a call when I get close: (b) (6)

Thanks,  
--Roger

**From:** [Kelly DeYoe](#)  
**To:** [Roger Dingleline](#)  
**Cc:** [Andrew Lewman](#); [Ken Berman](#); [Sho Ho](#)  
**Subject:** Re: Why Tor is slow and what we're going to do about it  
**Date:** Wednesday, March 11, 2009 12:22:47 PM

---

Thanks, Roger. We are reviewing and will let you know about a day to come down and discuss as needed.

-k

Roger Dingleline wrote:

> Hi Kelly,  
>  
> Thanks for the phone call last week. I've been working feverishly since  
> then to get all the topics organized in my mind and then on paper. I  
> think we've done a pretty good job with the attached document.  
>  
> (I'm sorry it's so long. As they say, I haven't had time to make it  
> shorter. :)  
>  
> Shall we schedule a time for me and Andrew to come down and walk you  
> through it, answer questions, and figure out how this matches up with  
> your priorities and preferences? I'm available March 13-17 inclusive,  
> and March 26-April 1 inclusive.  
>  
> Thanks!  
> --Roger

**From:** [Roger Dingoledine](#)  
**To:** [Kelly DeYoe](#)  
**Cc:** [Shava Nerad](#); [Ken Berman](#)  
**Subject:** Re: work estimates  
**Date:** Friday, March 16, 2007 8:51:10 PM

---

Hi folks,

Sorry for the not-being-around-during-some-of-business-hours today. I've been doing tough design work the past few days, which means I sleep when I'm tired and not until. :)

On Fri, Mar 16, 2007 at 05:54:34PM -0400, Kelly DeYoe wrote:

> - for C.2.6, the low bandwidth performance improvements, it was my  
> understanding from the roadmap documents that this was likely to just be  
> a design document as the output of the work here this year, and not  
> likely to result in software changes yet, so should make sure before  
> agreeing to the release as deliverable here

Right. Well, there are a lot of things we want to do that fall under the heading "low bandwidth performance improvements." The main ones we plan to implement in 2007 are in terms of directory overhead -- section 3.1.1 in the roadmap-blocking.pdf I sent earlier this week.

I'm optimistic that we will design, spec, and implement the first two paragraphs described there in 2007. The last two paragraphs involve a lot more hard thinking, but they will also be most useful for clients on really low bandwidth, so in 2007 we should start giving some real thought to whether they still make sense and what timeframe would be best for adding them.

I think that second part was what we had in mind for C.2.6. I'm ok with switching to meaning the first part... but I think we'll be doing what IBB wants most if we leave it at the second part. But let's promise design documents and not software release.

There. Now we have reference material so we're all on the same page. :)

BTW, connections to the Tor network appear to be blocked in UAE now, as of a few days ago.

Thanks,  
--Roger

**From:** [Roger Dingleline](#)  
**To:** [Kelly DeYoe](#)  
**Cc:** [Ken Berman](#); [Bennett Haselton](#); (b) (6) [Betty Pruitt](#)  
**Subject:** Re:  
**Date:** Monday, July 31, 2006 5:07:28 PM

---

On Mon, Jul 31, 2006 at 10:03:53AM -0400, Kelly DeYoe wrote:

> That time works fine for me.

>

> >How about 3:00 Eastern, noon Pacific this Wednesday, August 2nd? Ken

Works for me too. Great.

--Roger

**From:** [Ken Berman](#)  
**To:** [Roger Dingledine](#); [Andrew Lewman](#)  
**Cc:** [Kelly DeYoe](#); [Sho Ho](#)  
**Subject:** real time stats  
**Date:** Tuesday, November 23, 2010 2:55:45 PM

---

We are thinking of having a wall monitor with real time statistics. Can you provide any washed/scrubbed feeds that will show our Congressional visitors how great we/you are?

Thanks,  
Ken

**From:** [Andrew Lewman](#)  
**To:** [Kelly DeYoe](#); [Ken Berman](#)  
**Subject:** Reference for Tor?  
**Date:** Wednesday, June 22, 2011 2:36:09 PM

---

Hello Kelly and Ken,

As you're aware, BBG has an open call for proposals. Can Tor use you as a reference for this proposal? You've been be a major influence and funder of circumvention work at Tor.

Thanks!

--

Andrew  
pgp 0x74ED336B



**From:** [Kelly DeYoe](#)  
**To:** [Andrew Lewman](#)  
**Subject:** Remember to return counter-signed copy of renewal modification  
**Date:** Tuesday, April 19, 2011 7:10:48 PM

---

Andrew, I know you're traveling overseas right now, but just wanted to remind you to be sure to return the counter-signed copy of the contract renewal modification as soon as possible if you haven't already done so.  
Thanks.

-k

**From:** [Ken Berman](#)  
**To:** [Roger Dingleline](#); [Shava Nerad](#)  
**Cc:** [Kelly DeYoe](#)  
**Subject:** Reports?  
**Date:** Thursday, May 24, 2007 9:33:07 AM

---

Roger/Shava - we need them, regularly, before we will approve invoices.....Ken

**From:** [Roger Dingleline](#)  
**To:** [Ken Berman](#); [Kelly DeYoe](#)  
**Cc:** [Andrew Lewman](#)  
**Subject:** Roger and Andrew in DC around Feb 6-8  
**Date:** Thursday, January 15, 2009 5:34:55 PM

---

Hi folks,

Andrew and I will be in DC for Shmocon, Feb 6-8. We've got a date with Freedom House on Feb 5 to teach them about Tor.

So Feb 6 would be a great day for us to drop by IBB -- say, sometime between 10am and 2pm. Are you around and available then? If not, how do Feb 4 or Feb 5 or Feb 9 look?

Thanks!  
--Roger

**From:** [Roger Dingledine](#)  
**To:** [Ken Berman](#); [Kelly DeYoe](#)  
**Cc:** [Andrew Lewman](#)  
**Subject:** Roger and Andrew in DC around Feb 6-8  
**Date:** Thursday, January 15, 2009 5:34:55 PM

---

Hi folks,

Andrew and I will be in DC for Shmoocon, Feb 6-8. We've got a date with Freedom House on Feb 5 to teach them about Tor.

So Feb 6 would be a great day for us to drop by IBB -- say, sometime between 10am and 2pm. Are you around and available then? If not, how do Feb 4 or Feb 5 or Feb 9 look?

Thanks!  
--Roger

**From:** [Roger Dingledine](#)  
**To:** [Ken Berman](#)  
**Cc:** [Andrew Lewman](#); [Kelly DeYoe](#); [Sho Ho](#)  
**Subject:** Roger in DC in late July / August  
**Date:** Tuesday, July 13, 2010 4:27:46 PM

---

On Tue, Jul 06, 2010 at 11:29:44AM -0400, Roger Dingledine wrote:  
> Have you met Drew Dean from DARPA yet? If not, I should do an  
> introduction.

Have you met David Tian from Freegate? I found him much more open than Bill, and he's in the greater DC area sometimes. Happy to do an introduction here too. I'm working on scheduling another meeting with him in late July / early August, where we can share more notes about the China arms race. I had a good dinner with Alan Huang in Palo Alto a few weeks ago.

I'm going to be in DC the last week of July (July 27-29) and first week of August (August 2-5). Want to get together and catch up?

The Tor network is faster now than it has been in many years:  
<http://metrics.torproject.org/torperf-graphs.html>  
(Look at the right-hand side of the graph, where it's around 3 or 4 second latency.) Wonder how long we'll be able to keep that up -- or if we can even do better. I expect we'll temporarily screw it up again in the future while we try even more things.

--Roger

**From:** [Roger Dingleline](#)  
**To:** [Kelly DeYoe](#)  
**Cc:** [Andrew Lewman](#); [Ken Berman](#); [Sho Ho](#)  
**Subject:** Roger in DC on July 23?  
**Date:** Sunday, July 12, 2009 9:48:04 PM

---

Hi folks,

I'm coming to DC for a National Academy of Sciences "Usability and Security" workshop on July 21-22, and I finagled them to pay for an extra night of hotel. So I'll be around on July 23. Would it be useful for me to drop by?

Thanks,  
--Roger

**From:** [Roger Dingoledine](#)  
**To:** [Kelly DeYoe](#)  
**Cc:** [Andrew Lewman](#); [Sho Ho](#); [Jill Moss](#)  
**Subject:** Roger in the DC area Nov 30  
**Date:** Tuesday, November 13, 2012 4:05:11 AM

---

Hi Kelly, Sho, Jill,

You mentioned I should drop by if I'm in town and have a free moment. I'm currently scheduled to be in DC Nov 27-29 and busy, but I will wake up on Nov 30 and not have anything I need to do other than get back to Philly.

Are ya'll around that day?

--Roger

**From:** [Roger Dingleline](#)  
**To:** [Kelly DeYoe](#)  
**Cc:** [Andrew Lewman](#); [Sho Ho](#); [Jill Moss](#)  
**Subject:** Roger in the DC area Nov 30  
**Date:** Tuesday, November 13, 2012 4:05:11 AM

---

Hi Kelly, Sho, Jill,

You mentioned I should drop by if I'm in town and have a free moment. I'm currently scheduled to be in DC Nov 27-29 and busy, but I will wake up on Nov 30 and not have anything I need to do other than get back to Philly.

Are ya'll around that day?

--Roger



**From:** Roger Dingledine  
**To:** Ken Berman  
**Cc:** Bennett Haselton; simson garfinkel; (b) (5); Kelly Dwyer; (b) (6)  
**Subject:** Roger visiting IBB Jan 27?  
**Date:** Thursday, January 19, 2006 4:07:10 AM

---

Hi Ken, others,

As I mentioned last week, I'm going to be back in DC Jan 24-27. Of these, Ken suggested that Jan 27 was the best time to get together again. My flight out is at 20:30, so I'm free whenever.

Simson, are you around any of this day?

I've written a pair of FAQ entries to capture some of what I mentioned last week:

<http://wiki.noreply.org/noreply/TheOnionRouter/TorFAQ#China>

<http://wiki.noreply.org/noreply/TheOnionRouter/TorFAQ#Funding>

In other news, I've been talking with Jonathan Zittrain from the Berkman center, who is working behind the scenes to try to move Berkman in the direction of partially supporting Tor. All of that is very young still, but a collaboration all around might get everybody's goals achieved without too much burden on any one group. Could that work?

Let me know if you have any questions/thoughts.

Thanks,  
--Roger

**From:** [Kelly DeYoe](#)  
**To:** [Roger Dingledine](#)  
**Subject:** Rough agenda for your 7/24 visit  
**Date:** Monday, July 16, 2007 6:32:31 PM

---

Roger, just wanted to give you a rough agenda for your visit here to IBB next Tuesday 7/24. When you first arrive, we'll just plan on a small chat with yourself, myself, Hiu and Ken, no fixed topics, just whatever seems interesting and wherever the discussion takes us.

From 2:30-3, we will have a somewhat larger, but still smallish, group of folks from the VOA Persian News Network and VOA China Branch for you to give a general overview of Tor, why the original design is not a robust design for censorship circumvention, and explain the anti-censorship mechanism you're building for Tor. This group will be web news editors and journalists, so a somewhat less technical audience, but one that is quite familiar with the Internet censorship problems in their respective target countries. Obviously with only 30 minutes, it will have to be pretty brief too.

From 3-4, Ken would like you to give a slightly more in-depth presentation on the same Tor topics to a more technical audience composed of some of the networking and computer security folks on the IT staff here. These are going to be folks who know a lot more about IP networking and probably quite a bit less about Internet censorship topics than the Persians and Chinese journalists actually.

Depending on the timing, we could also get together for lunch, just let us know when you're on the ground here in DC and such.

-k

**From:** Roger Dingledine  
**To:** Kelly DeYoe  
**Cc:** Ken Berman; Sho Ho: [REDACTED]  
**Subject:** Saudi Arabian Tor use up?  
**Date:** Friday, March 05, 2010 11:56:17 PM

---

<http://metrics.torproject.org/graphs/bridge-users/saudi-bridges-90d.png>

That's quite a growth recently. I wonder what's up, there.

Something similar going on in Syria:

<http://metrics.torproject.org/graphs/bridge-users/syria-bridges-90d.png>

In other news, China did another of their network-wide filtering attempts two days ago. Looks like soon we'll want to role out some of our smarter bridge distribution strategies...

--Roger

**From:** [Roger Dingleline](#)  
**To:** [Demetria Anderson](#)  
**Cc:** [Kelly DeYoe](#)  
**Subject:** Second invoice for Moria Research Labs, BBGCON1806S6149  
**Date:** Monday, September 25, 2006 5:31:26 PM  
**Attachments:** [mri-ibb2.pdf](#)

---

Hi Demetria,

Attached is my second invoice for contract BBGCON1806S6149. Please let me know if it includes all the needed information, or if I should add anything more.

Thanks!  
--Roger

**From:** [Andrew Lewman](#)  
**To:** [Ken Berman](#); [Kelly DeYoe](#); [Roger Dingleline](#); [Sho Ho](#); [Jill Moss](#)  
**Cc:** [Roger Dingleline](#)  
**Subject:** Sep 2011 Monthly Report  
**Date:** Sunday, October 09, 2011 3:54:43 PM  
**Attachments:** [2011-September-Monthly-Report.pdf](#)

---

Hello BBG,

Attached is our monthly report for September 2011.

--

Andrew  
pgp 0x74ED336B

**From:** [Roger Dingleline](#)  
**To:** [Demetria Anderson](#)  
**Cc:** [Kelly DeYoe](#)  
**Subject:** Sixth invoice for Moria Research Labs, BBGCON1806S6149  
**Date:** Tuesday, February 06, 2007 9:48:17 PM  
**Attachments:** [mrl-ibb6.pdf](#)

---

Hi Demetria,

Attached is my sixth invoice for contract BBGCON1806S6149.

Thanks!  
--Roger

**From:** [Andrew Lewman](#)  
**To:** [Ken Berman](#); [Kelly DeYoe](#)  
**Subject:** Small Biz  
**Date:** Monday, March 14, 2011 4:30:41 PM

---

Hello Ken and Kelly,

We have filed a formal protest to be determined a small business under the SBAs own guidelines, as outlined below by Tor's DoD contract lawyer:

"General answer to your Q: SBA indicates on its web site that non-profits are eligible for its "small business concern" programs, despite the actual definition its gives that phrase in 13 CFR 121.105 (i.e, organized for profit):

**Nonprofit Organizations**

A nonprofit organization uses its profit to improve its services, rather than pay dividends to investors. If your organization is registered as a nonprofit, you are eligible for certain programs including grants, government surplus and tax exemptions. We've collected links to programs and services to help nonprofits find the opportunities that are available to them from the federal government.

<http://www.sba.gov/content/nonprofit-organizations>

The important issue here: The federal procurement contract requirement in the FAR that imposes a Small Business Subcontracting Plan on all prime contractors and all their subcontractors at any tier, who are not small, doesn't explicitly have any different rules for 501c3 entities. ALL contractors and subcontractors have this obligation; exceptions are for "commercial-item" awards as defined by the FAR, and for "small business concerns." The statement above, from SBA, indicates that a nonprofit may claim small business concern status, despite the language of the label and despite its definition. I long ago stopped being surprised by SBA's seemingly contradictory or illogical positions; they are what they are.

So, if Tor meets the size standard set by SBA for a Tor NAICS code, Tor may rely on this SBA clarification for nonprofits, and claim exemption from having a Small Business Subcontracting Plan. If BBG/IBB have a strong objection, they can ask SBA to review the specific situation and make a ruling on your eligibility (called a Size Appeal)."

--

Andrew  
pgp 0x74ED336B

**From:** [Kelly DeYoe](#)  
**To:** [Andrew Lewman](#)  
**Cc:** [Ken Berman](#); [Sho Ho](#)  
**Subject:** So did I scare off SiNA by asking for a telephone number?  
**Date:** Friday, February 25, 2011 2:18:29 PM

---

Andrew, so in trying to talk to SiNA, I asked him (her?) if there was a telephone number I could reach them at rather than Skype, and haven't heard anything back. So do you think that scared them off?

-k



**From:** Roger Dingledine  
**To:** Gen. Bermin; Kelly DeYoe; Sho Ho  
**Cc:** [REDACTED]  
**Subject:** Some first bridge user stats  
**Date:** Tuesday, January 20, 2009 11:38:17 PM

---

Here's some more reading material for you. Feel free to ignore the words and just look at the pictures. :)

I asked Karsten to take a quick look at the bridge stats I've been collecting over the past 8 months or so. Here's his first output:  
<https://svn.torproject.org/svn/projects/dir-stats/trunk/bridge-stats/report/bridge-stats-2008-12-25.pdf>

At this point all of the numbers are small in terms of how many users there are, so we can't draw sweeping conclusions. But it is interesting to see Russia is up there on the list.

--Roger

**From:** [Kelly DeYoe](#)  
**To:** [Roger Dingleline](#)  
**Subject:** Sorry I didn't get stuff together this week...  
**Date:** Friday, February 22, 2008 6:08:00 PM

---

Wanted to apologize for not getting the stuff together that I said I would for the contract renewal ideas, Monday for sure!

-k

**From:** [Andrew Lewman](#)  
**To:** [Kelly DeYoe](#)  
**Subject:** State Dept Meetings  
**Date:** Wednesday, December 16, 2009 5:42:48 PM

---

Hi Kelly,

I heard through the grapevine you were at the state dept meetings today about internet and censorship. What were your thoughts?

--

Andrew Lewman  
The Tor Project  
pgp 0x31B0974B  
(b) (6)

Website: <https://torproject.org/>  
Blog: <https://blog.torproject.org/>  
Identi.ca: torproject

**From:** [Andrew Lewman](#)  
**To:** [Kelly DeYoe](#)  
**Subject:** State Dept Meetings  
**Date:** Wednesday, December 16, 2009 5:42:48 PM

---

Hi Kelly,

I heard through the grapevine you were at the state dept meetings today about internet and censorship. What were your thoughts?

--

Andrew Lewman  
The Tor Project  
pgp 0x31B0974B  
(b) (6)

Website: <https://torproject.org/>  
Blog: <https://blog.torproject.org/>  
Identi.ca: torproject

**From:** [Roger Dingleline](#)  
**To:** [Kelly DeYoe](#); [Ken Berman](#); [Hui Ho](#)  
**Subject:** State Dept work on human rights and anonymity?  
**Date:** Saturday, August 05, 2006 3:52:56 PM

---

Hi Ken et al,

I just had a nice chat with Eric Johnson and Molly Moran at the Department of State, "Office of eDiplomacy". They're interested in deploying a way for folks in China to contact the U.S. State Dept to report problems going on there.

Know anything about them?

(This is good in that it produces more users and more people who care about Tor, but perhaps bad in that it makes China, and many Chinese citizens, more upset about us.)

--Roger

**From:** [Kelly DeYoe](#)  
**To:** [Roger Dingledine](#)  
**Subject:** Statement of Work draft  
**Date:** Friday, February 17, 2006 4:25:59 PM  
**Attachments:** [SOW-Tor1.rtf](#)

---

Roger, I've attached our proposed Statement of Work for a contract with you in rich text format. Please let me know if this is acceptable, and if you have any questions. (Or if you have problems reading it, let me know another document format that might work better!)

Before I can get the ball rolling to get a contract awarded to you, I also need the name of the legal entity we'll be contracting with. I believe you provided a company name before, but I cannot find the email. Also, I need to know, has this legal entity done business with any other civilian agency of the Federal government before? (If yes, the time it will take to award the contract may be less.)

Thanks,

-k

**From:** [Andrew Lewman](#)  
**To:** [Kelly DeYoe](#)  
**Subject:** status  
**Date:** Wednesday, April 04, 2012 10:06:36 AM

---

Hi there,

What can I do to help you get the contract process moving?

--

Andrew  
<http://tpo.is/contact>  
pgp 0x6B4D6475

**From:** [Kelly DeYoe](#)  
**To:** [Roger Dingleline](#)  
**Subject:** Still trying to dig up contact info for you...  
**Date:** Thursday, January 17, 2008 6:11:47 PM

---

Just wanted to let you know I'm still trying to dig up the correct contact info for the Persian blogger, Hoder, to pass along to you for an introduction. I'm out of the office tomorrow, so will try to get it to you early next week.

-k