Steven Cheung <steven.cheung@sri.com> on 04/21/2005 05:49:35 PM

To: George Robert Blakley III/Austin/IBM@IBMUS
cc: jmchugh@cert.org, Steven Cheung <steven.cheung@sri.com>
Subject: Re: Request for NSPW submission deadline extension

Hi Bob,

Thanks again for accommodating our request
for an extension of the NSPW submission deadline!
I'm attaching our paper (in PDF), entitled
"Detecting Denial-of-Service Attacks against
Wireless Sensor Networks", for submission to
the 2005 New Security Paradigms Workshop.

Category: Research paper

Justification for inclusion in NSPW:

The emerging sensor network technology has shown promises
in a wide range of problem domains, including
perimeter monitoring, precision agriculture,
wildlife monitoring, sensing for urban warfare,
structural integrity monitoring for bridges and buildings,
natural disaster early-warning, and vehicle tracking.
For some of these applications, it is critical to protect
the sensor networks from attacks.

Wireless sensor networks are more vulnerable (than
conventional computer networks) to denial of service
attacks, because sensor nodes have severe resource
constraints, they may operate in an unattended fashion,
and sensor nodes are often used as routers to forward
packets for each other. This paper presents novel,
lightweight approaches for detecting two important
types of DoS attack against sensor networks caused by
physical attacks and disruptive routing nodes.
Little work has been published for intrusion detection for
sensor networks, particularly pertaining to DoS attacks.

Attendance statement: If our paper is accepted by NSPW,
I'll attend the workshop and stay for the entire
duration of it.

Best regards,
-- Steven
p.s. Please send me an ack if you receive our submission OK. Thanks!

George Robert Blakley III wrote:

> Steven
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> I'd like to have your submission, so I will extend the deadline for
> you. If you can have it in
> earlier than the 22nd, please try to do that as we've shortened the
> reviewing cycle this year
> and will be under some pressure. Thanks very much,
>
>
> --bob
>
> Bob Blakley
> Chief Scientist, Security and Privacy, IBM
> email: blakley@us.ibm.com
> phone: +1 512 286-2240 fax: +1 512 286-2057
>
>
> To: George Robert Blakley III/Austin/IBM@IBMUS, jmchugh@cert.org
> cc: cheung@csl.sri.com
> Subject: Request for NSPW submission deadline extension
>
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> Hi Bob and John,
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> We're working on a paper with the goal of submitting
> it to NSPW'05. However, it's quite possible that
> we won't be able to finish it by 4/18/05 because
> my co-authors are on travel and we didn't start the
> writing process earlier...
>
> I'd like to request for an extension of the submission

> deadline, if possible, to 4/22/05.
>
> Thanks a lot for your consideration.
> -- Steven Cheung
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