

Re: unified authentication

Source: <http://www.derkeiler.com/Mailing-Lists/FreeBSD-Security/2003-09/0266.html>

From: Cy Schubert (Cy.Schubert_at_komquats.com)

Date: 09/26/03

To: Tillman Hodgson <tillman@seekingfire.com>

Date: Fri, 26 Sep 2003 10:28:54 -0700

In message <20030925130356.S18252@seekingfire.com>, Tillman Hodgson writes:

> *On Thu, Sep 25, 2003 at 12:58:25PM -0400, Matthew George wrote:*

>> *On Thu, 25 Sep 2003, Robert Watson wrote:*

>>>

>>> *Running NIS on a trusted IP network (i.e., no spoofing, no direct wire*

>>> *access) between a set of trusted hosts, with no modifications to the*

>>> *privileged port set, should be fairly safe against unprivileged users*

>>> *logged into the machines. The same goes for NFS. If you break any of*

>>> *these assumptions, then the security properties go out the window.*

>>>

>> *It should probably also be noted that when using NIS in a multi-platform*

>> *environment, UNSECURE="True" must be set in /var/yp/Makefile. When using*

>> *FreeBSD machines only, the passwd maps are generated without password*

>> *fields, the master.passwd maps are generated with them, and only requests*

>> *from privileged ports (superuser requests) will be given the master.passwd*

>> *maps (hence the comment above about modifying the privileged port set).*

>> *Other operating systems' NIS implementations require the password fields*

>> *to be in the passwd maps, which are available to unprivileged users.*

>>>

> *Or one could put something like "*" or "krb5" in the password field and*

> *use Kerberos with NIS to obtain extra security in a cross-platform*

> *environment.*

I've been doing that for years on Solaris using MIT KRB5 and NIS+. Works like a charm.

Cheers,

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Cy Schubert <Cy.Schubert@komquats.com>

BC Government

Cy.Schubert@osg.gov.bc.ca

<http://www.gov.bc.ca/>

<http://www.komquats.com/>

FreeBSD UNIX

cy@FreeBSD.org

<http://www.FreeBSD.org/>

freebsd-security@freebsd.org mailing list

<http://lists.freebsd.org/mailman/listinfo/freebsd-security>

To unsubscribe, send any mail to "freebsd-security-unsubscribe@freebsd.org"