

Re: encryption question

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.file_system/2004-06/0109.html

From: dave (*anonymous_at_discussions.microsoft.com*)

Date: 06/11/04

Date: Thu, 10 Jun 2004 20:53:18 -0700

Thanks for the response. The point of implementing EFS was to have an additional safeguard against hackers accessing files on our network. If for some reason they were able to get in past our firewall protection they would EFS to deal with. Although we dont want to rely on the users to encrypt the files, have to train them on how to do this (even though its pretty simple to do) which is why I wanted to do the entire drive and somehow give everyone access (which would require a recovery policy created for each person – instead of just the administrator)...of course if you think about it, if the hacker is good enough to get past a firewall they would be good enough to crack at least one of the USER ACCOUNTS on the network which would have a recovery policy created for them which in turn would grant the hacker access to encrypted files anyways.

Oh well, any other ideas? :)

Dave

>-----Original Message-----
>In article <1a8ae01c44e4d\$8b6a3be0\$a001280a@phx.gbl>,
>anonymous@discussions.microsoft.com says...
>> I have a question about encryption...
>>
>> 1. Is it possible to encrypt the entire drive on a
file
>> server (running w2k3) – but still allow everyone in
the
>> company to use the files? If so, how?
>>
>> My understanding is only the person who "encrypts" the
>> file can access it, unless you manually add users to
have
>> access. This would be very painful to do on thousands
of

>> *files.*
>>
>> *Lemme know.*
>>
>> *Thanks!*
>>
> *Hi Dave,*
> *This doesn't sound like a good idea. What are you trying to accomplish*
> *that cannot be done with permissions? A good EFS implementation requires*
> *a lot of planning and preparation and as a start you should have an*
> *enterprise CA to issue users digital certificates.*
> *Straight to your question now – you could encrypt the entire drive*
> *unless this is the boot or system volume. There is no built-in way to*
> *add multiple users' certificates for a specific file though there is an*
> *EFS API function (AddUsersToEncryptedFile) to do this.*
Your
> *understanding is right, with the addition that all recovery agents can*
> *also access the file and all users whose certificates are added to this*
> *file.*
> *Also bare in mind that EFS encrypted files travel over the network in*
> *clear text form. Plus, in your case they are on a server which should be*
> *properly physically secured and provided you implemented correct access*
> *permissions you shouldn't be worried about users gaining access to other*
> *users' files. That's why you should think very carefully whether you*
> *need EFS at all and consider the new and increased administrative issues*
> *you'll be having.*
>
> *HTH*
> --
> *Cheers,*
> *Marin Marinov*
> *MCT, MCSE 2003/2000/NT4.0,*
> *MCSE:Security 2003/2000, MCP+I*
> -
> *This posting is provided "AS IS" with no warranties, and confers no*
> *rights.*

microsoft.public.windows.file_system: Re: encryption question

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> *"True knowledge exists in knowing that you know nothing."*

> *Socrates*

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