

Re: How is dangerous connect to server over internet with remote d

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*Source:* <http://www.derkeiler.com/Newsgroups/microsoft.public.security/2006-08/msg00064.html>

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- *From:* "Miha Pihler [MVP]" <mihap-news@xxxxxxxxxxxx>
  - *Date:* Fri, 21 Jul 2006 16:53:18 +0200
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Hi,

I did a search and I found one DoS vulnerability from the past:

Microsoft Security Advisory (904797)  
Vulnerability in Remote Desktop Protocol (RDP) Could Lead to Denial of Service  
<http://www.microsoft.com/technet/security/advisory/904797.mspx>

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Mike  
Microsoft MVP – Windows Security

"Miha Pihler [MVP]" <mihap-news@xxxxxxxxxxxx> wrote in message  
[news:ehewxSNrGHA.2464@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:ehewxSNrGHA.2464@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Hi,

I can't recall any critical vulnerabilities in the past in Terminal Services. I consider it a very good solution for remote access and administration even without IP filtering. As mentioned the only concern is how strong and protected your passwords are.

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Mike  
Microsoft MVP – Windows Security

"Massimo" <Massimo@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:AC61C683-818C-4FEF-A912-73767BB69894@xxxxxxxxxxxxxxxxxxxx](mailto:news:AC61C683-818C-4FEF-A912-73767BB69894@xxxxxxxxxxxxxxxxxxxx)

Thank you very much for your answer. I want to know if there are in the past..  
bug or vulnerability in the terminal service (remote desktop). If I use encryption and if I connect to server with the same IP (I configure firewall to accept only my remote fixed IP for 3389 port) can I consider this solution a good solution to manage the server?

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"Miha Pihler [MVP]" wrote:

Hi,

There are few things you can do to make these connections (more) secure:

- On the server set the encryption to high
- On Windows Server 2003 with SP1 installed on it you can use certificates to prevent MITM (Man In The Middle) attacks.

Now the only thing that I usually worry about when considering RDP are key loggers that might be installed on a computer from which you are trying to connect to your server (e.g. if you are trying to connect to your server from cyber café). Still this is not only the problem with RDP connection but with any remote connection using static username and password.

So if you decide for this option pay attention to username and password (use strong username and password and change passwords frequently). Don't use domain administrator account for connection – use ordinary user account. Whenever possible this user account should not even be local administrator on the server. Once you are connected to the server you can raise your permissions using another RDP to the server or options such as "run as" etc.

Another thing to consider is to limit IP address from which you can connect to your server over RDP (e.g. limit it to your home IP address only).

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Mike

Re: How is dangerous connect to server over internet with remote d

Microsoft MVP – Windows Security

"Massimo" <Massimo@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

[news:0E85C1B9-1460-4EF8-8EFC-7FF4FD983C45@xxxxxxxxxxxxxxxxxxxx](mailto:news:0E85C1B9-1460-4EF8-8EFC-7FF4FD983C45@xxxxxxxxxxxxxxxxxxxx)

I have installed windows server 2003  
enterprise edition. I have to  
manage  
my  
server from remote site. A solution with  
remote desktop only is very  
dangerous? Terminal service of windows  
server 2003 with encryption is  
not  
secure?

Thank's