

Fix For “This Could Be Due To CredSSP Encryption Oracle Remediation”

By Sebastian Expert

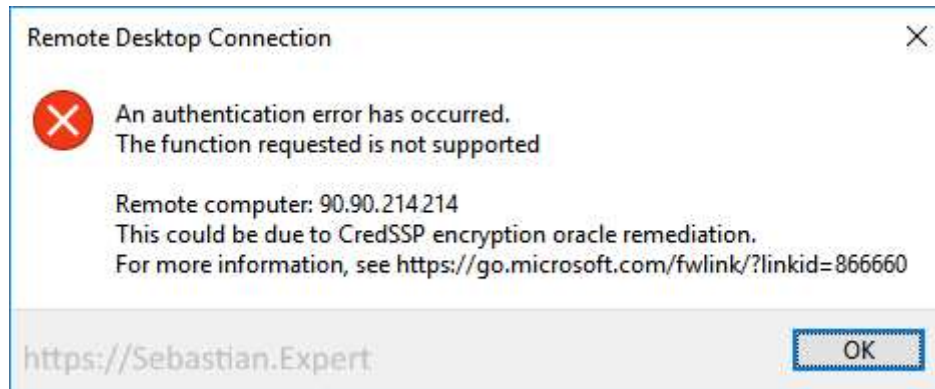
Last updated May 13, 2018



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Symptoms

When you try to connect to a remote Windows server using Remote Desktop Connection Client after May 8, 2018 you get this error:



CredSSP encryption oracle remediation error window

[Window Title]

Remote Desktop Connection

[Content]

An authentication error has occurred.
The function requested is not supported

Remote computer: XXX.XXX.XXX.XXX

This could be due to CredSSP encryption oracle remediation.

For more information, see <https://go.microsoft.com/fwlink/?linkid=866660>

Why?

This is because of security vulnerability [CVE-2018-0886 | CredSSP Remote Code Execution Vulnerability](#) .

On May 8th Microsoft released update which changes **Encryption Oracle Remediation** default behavior setting from **Vulnerable** to **Mitigated** option.

That means that: "*client applications that use CredSSP will not be able to fall back to insecure versions*".

Now, if you try to connect to a machine which does not have this update (maybe machine was suspended) it will have **Encryption Oracle Remediation** set to **Vulnerable** which means that:

"client applications that use CredSSP will expose remote servers to attacks by supporting fallback to insecure versions".

Solution

If you are system administrator I suggest that you read more about possible solutions at [CredSSP updates for CVE-2018-0886](#)

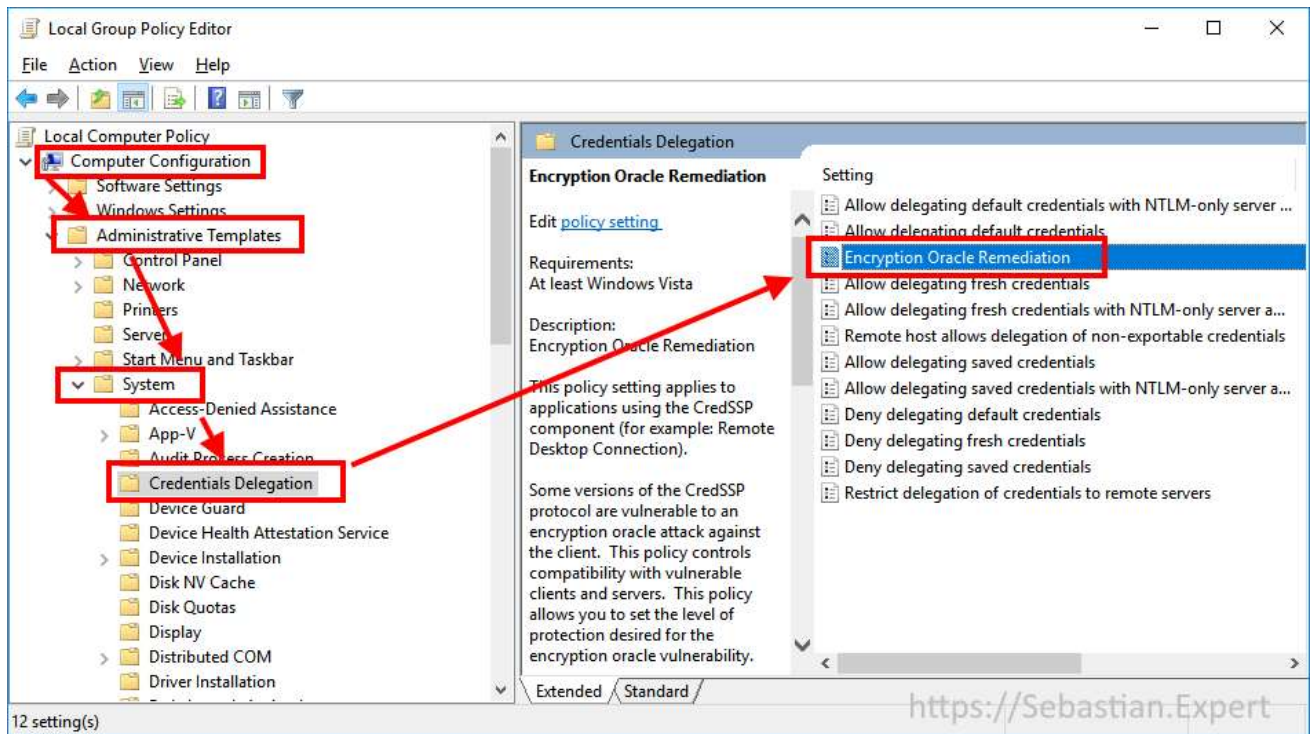
If you **just want to make it work** and you are trying to connect to a server which is out of your reach and you can't physically access it to install updates, follow this solution.

Perform these steps, install updates on remote server and to stay secure revert changes back to what it was.

- 1 Open **Local Group Policy Editor**< by typing `gpedit` in Start Menu



- 2 Navigate to policy path: **Computer Configuration** -> **Administrative Templates** -> **System** -> **Credentials Delegation** and double click setting name: **Encryption Oracle Remediation**

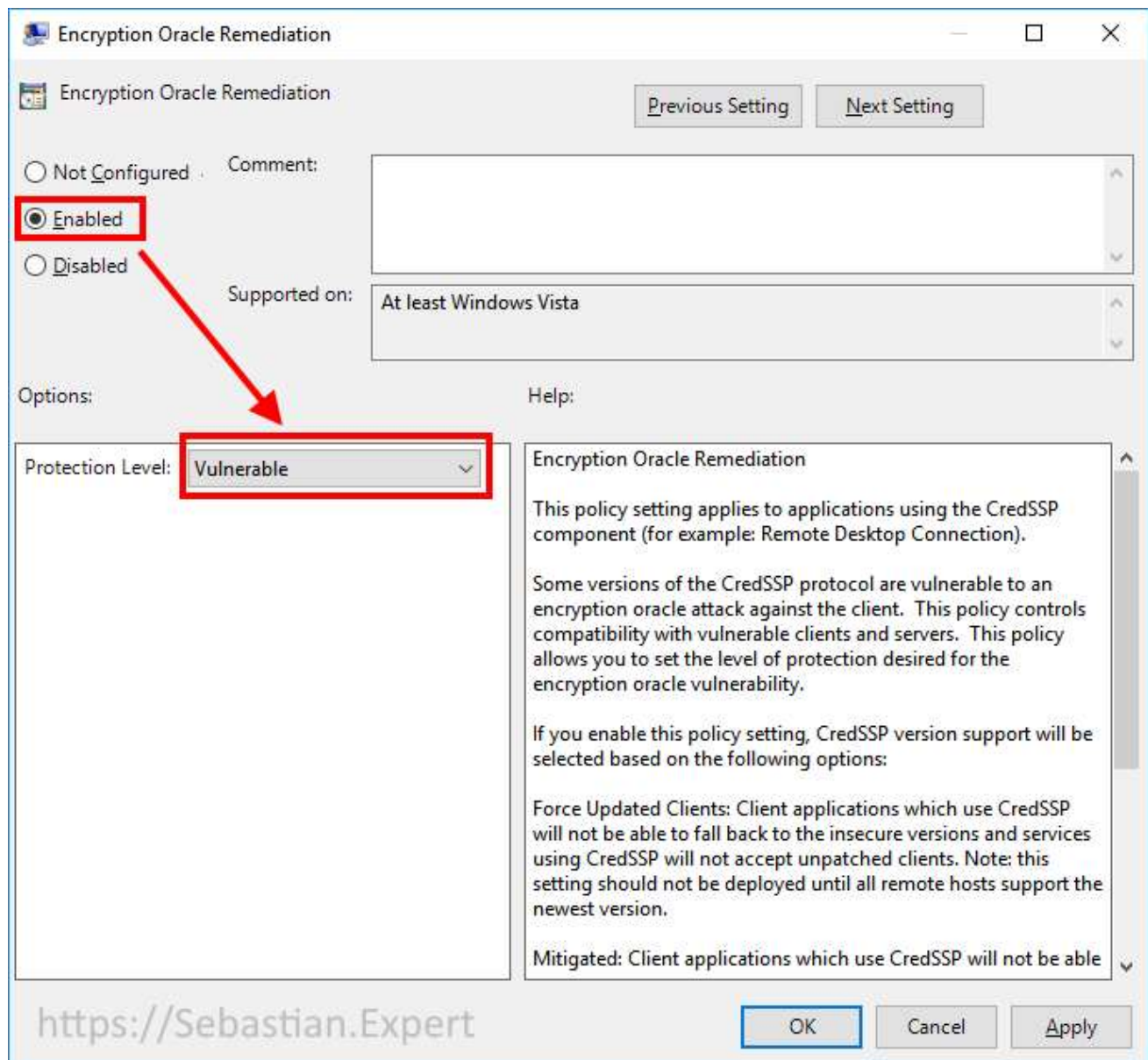


Click to enlarge

3 Enable it and set **Protection Level** to **Vulnerable**. Click **OK**

Note!

It is recommended to restart the computer after this change.



Click to enlarge

- 4 Now you will be able to connect to remove server and install updates. After that, set **Encryption Oracle Remediation** back to **Not Configured**

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2 COMMENTS

Prashant Says  2 weeks ago



thanks, that was helpful.



NAEEM Says  3 weeks ago

Thanks

