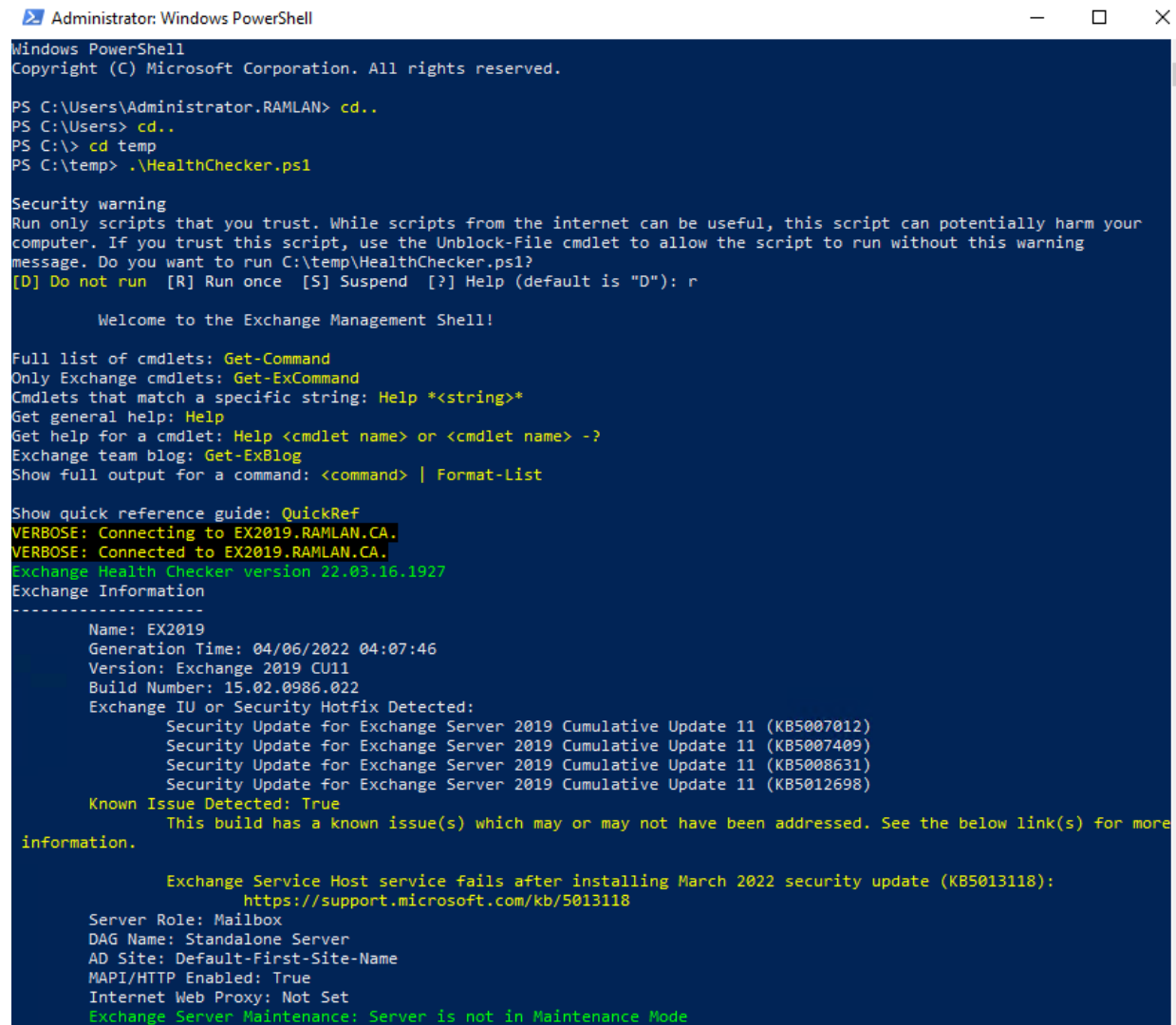# How to find Exchange Server 2019 Health Status

If you ever want to find what cumulative update your exchange server is running this is a good script to try. It gives you a lot of information including health of your exchange server, cumulative updates installed, exchange ssl certificates and other info.

You can download the script from here - https://microsoft.github.io/CSS-Exchange/Diagnostics/HealthChecker/

Open PowerShell and run the script

```
Hybrid Information
------------------
        Organization Hybrid enabled: True
        On-Premises Smart Host Domain: mail.ramlan.ca
        Domain(s) configured for Hybrid use:
                RAMLAN.CA
        Receiving Transport Server(s):
                EX2019
        Sending Transport Server(s):
                EX2019
        TLS Certificate Name: <I>CN=Let's Encrypt Authority X3, O=Let's Encrypt, C=US<S>CN=mail.ramlan.ca
        Feature(s) enabled for Hybrid use:
                FreeBusy
                MoveMailbox
                Mailtips
                MessageTracking
                OwaRedirection
                OnlineArchive
                SecureMail
                Photos

Operating System Information
----------------------------
        Version: Microsoft Windows Server 2019 Datacenter
        System Up Time: 24 day(s) 23 hour(s) 42 minute(s) 55 second(s)
        Time Zone: Eastern Standard Time
        Dynamic Daylight Time Enabled: True
        .NET Framework: 4.8
        PageFile: System is set to automatically manage the PageFile Size: 0MB
                Error: On Exchange 2019, the recommended PageFile size is 25% (4096MB) of the total system memory (16384
MB).
                More information: https://aka.ms/HC-PageFile
        Power Plan: Balanced --- Error
        Http Proxy Setting: None
        Visual C++ 2012: 184610406 Version is current
        Visual C++ 2013: 201367256 Version is current
        Server Pending Reboot: True --- Warning a reboot is pending and can cause issues on the server.
                HKLM:\SYSTEM\CurrentControlSet\Control\Session Manager\PendingFileRenameOperations
                More Information: https://aka.ms/HC-RebootPending

Processor/Hardware Information
-----------------------------
        Type: Physical
        Manufacturer: LENOVO
        Model: 23563C6
        Processor: Intel(R) Core(TM) i5-3320M CPU @ 2.60GHz
        Number of Processors: 1
        Number of Physical Cores: 2
        Number of Logical Cores: 4
        Hyper-Threading: Enabled --- Error: Having Hyper-Threading enabled goes against best practices and can cause per
formance issues. Please disable as soon as possible.
        All Processor Cores Visible: Passed
        Max Processor Speed: 2601
        Physical Memory: 16 GB
                Warning: We recommend for the best performance to have a minimum of 128GB of RAM installed on the machin
e.
```

```
Security Settings
-----------------
        LmCompatibilityLevel Settings: 3
                Description: Clients use only NTLMv2 authentication, and they use NTLMv2 session security if the server
supports it. Domain controllers accept LM, NTLM, and NTLMv2 authentication.
        TLS 1.0
                Server Enabled: False
                Server Disabled By Default: True
                Client Enabled: False
                Client Disabled By Default: True
        TLS 1.1
                Server Enabled: False
                Server Disabled By Default: True
                Client Enabled: False
                Client Disabled By Default: True
        TLS 1.2
                Server Enabled: True
                Server Disabled By Default: False
                Client Enabled: True
                Client Disabled By Default: False
        SystemDefaultTlsVersions: True
        SystemDefaultTlsVersions - Wow6432Node: True
        SchUseStrongCrypto: False
        SchUseStrongCrypto - Wow6432Node: False
        SecurityProtocol: Tls12
        SMB1 Installed: False
        SMB1 Blocked: True
        Certificate:
                FriendlyName: CN=MS-Organization-P2P-Access [2021]
                Thumbprint: B588C3FB2D006F20746D541B78E8C4181DB69CDC
                Lifetime in days: 0
                Certificate has expired: False
                Certificate status: Invalid
                Key size: 2048
                Signature Algorithm: sha256RSA
                Signature Hash Algorithm: sha256
                Bound to services: None
                Current Auth Certificate: False
                SAN Certificate: True
                Namespaces:
                        EX2019
                        EX2019
                        ::1
                        192.168.0.5
                        EX2019.RAMLAN.CA
        Certificate:
                FriendlyName: [Manual] mail.ramlan.ca @ 2022-2-27 9:00:23
                Thumbprint: 2517A011E47B4C635B429DB5EA5B32109BA6472B
                Lifetime in days: 52
                Certificate has expired: False
                Certificate status: Valid
                Key size: 3072
                Signature Algorithm: sha256RSA
                Signature Hash Algorithm: sha256
                Bound to services: IMAP, POP, IIS, SMTP
                Current Auth Certificate: False
                SAN Certificate: True
                Namespaces:
                        autodiscover.ramlan.ca
```

Thanks

Ram
6th Apr 2022