



## Requirements for DynamicPacks IT Health Profiler V5.4.1.1

This document explains the requirements for:

- IT Profiler computer
- Technology Packs: Microsoft Active Directory Assessment
- Technology Packs: Microsoft Office 365 Assessment
- Technology Packs: Microsoft Azure Assessment
- Technology Packs: Microsoft DHCP Assessment
- Technology Packs: Microsoft Cyber Security Assessment

### *Requirements for IT Profiler*

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| Requirements                   | Description   |
|--------------------------------|---|
| Operating System               | Windows Server 2012, 2012 R2, 2016 or newer Windows 8, Windows 8.1, Windows 10  |
| PowerShell Script Requirements | PowerShell scripts need to run Unrestricted or RemoteSigned.<br>Please set PowerShell Execution Policy to Unrestricted or RemoteSigned using below PowerShell command:<br><br><b>Set-ExecutionPolicy -ExecutionPolicy Unrestricted</b>                |
| Server type                    | Member Server or Domain Controller  |
| Infrastructure Requirements    | IT Profiler does <b>NOT</b> require SQL database system to store data.<br>IT Profiler uses default network ports to perform assessments.  |
| Credential                     | Default credential is "admin admin" when using IT Profiler without Delegation Feature.<br><br>If you have enabled Delegation Feature you <b>MUST</b> use Active Directory credentials.<br><br><b>Note:</b> By default Delegation feature is disabled. |

## Technology Packs: Microsoft Active Directory Assessment

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| Requirements       | Description   |
|--------------------|---|
| Credentials        | Enterprise Admins when using IT Profiler for Microsoft Active Directory.  |
| PowerShell Modules | <p>Microsoft Active Directory Service<br/>           Microsoft Active Directory GPMC<br/>           Microsoft Active Directory DNS Server<br/>           Microsoft Active Directory ADDS Tools</p> <p><b>Note:</b> Active Directory PowerShell Modules can be installed automatically from within the IT Profiler using “Prepare” option. Click on “Install Modules” button located in “Prepare” option.</p> <p><b>Note:</b> If you are using Windows 10 client, you must install AD Modules manually. You can use below link:</p> <p><a href="https://4sysops.com/wiki/how-to-install-the-powershell-active-directory-module/">https://4sysops.com/wiki/how-to-install-the-powershell-active-directory-module/</a></p> |
| Connectivity       | <ol style="list-style-type: none"> <li>1. WMI needs to be reachable from the IT Profiler machine.</li> <li>2. Ping connectivity to Domain Controllers MUST be verified.</li> </ol> <p><b>Note:</b> IT Profiler provides options to check connectivity and WMI on Domain Controllers.</p>  |

## Technology Packs: Microsoft Office 365 Assessment

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| Requirements       | Description   |
|--------------------|---|
| Credentials        | <p>Global Administrator when using IT Profiler for Microsoft Office 365.</p> <p><b>Note:</b> IT Profiler does not save credentials. You are required to provide Global Administrator credentials when executing Office 365 Dynamic Packs.</p>   |
| PowerShell Modules | <p>Microsoft Office 365 Online PowerShell Modules.<br/>           Microsoft Office 365 Exchange Online PowerShell Modules.</p> <p><b>Note:</b> Office 365 including Exchange Online Modules can be installed automatically from within the IT Profiler using “Prepare” option. Click on “Install Modules” button located in “Prepare” option.</p> |
| Connectivity       | <ol style="list-style-type: none"> <li>1. Internet Connectivity.</li> </ol>   |

## Technology Packs: Microsoft Azure Assessment

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| Requirements       | Description  |
|--------------------|--|
| Credentials        | Global Administrator when using IT Profiler for Microsoft Azure.<br><br><b>Note:</b> IT Profiler does not save credentials. You are required to provide Global Administrator credentials when executing Microsoft Azure Dynamic Packs. |
| PowerShell Modules | Microsoft Azure PowerShell Modules.<br><br><b>Note:</b> Azure PowerShell Modules can be installed automatically from within the IT Profiler using "Prepare" option. Click on "Install Modules" button located in "Prepare" option.     |
| Connectivity       | 1. Internet Connectivity.  |

### *Technology Packs: Microsoft DHCP Assessment*

| Requirements       | Description   |
|--------------------|---|
| Credentials        | Admin Access when using IT Profiler for Microsoft DHCP.   |
| DHCP Server File   | You have obtained the list of DHCP Servers and mentioned all DHCP Server names or IP Addresses in<br>C:\Users\Public\DynamicPacksTechnologies\ADHealthProfiler\DPConfig\DHCPServers.CSV   |
| PowerShell Modules | Microsoft DHCP Server PowerShell Modules.<br><br><b>Note:</b> DHCP PowerShell Modules can be installed automatically from within the IT Profiler using "Prepare" option. Click on "Install Modules" button located in "Prepare" option. |
| Connectivity       | 1. All DHCP Servers must be reachable from IT Profiler computer.  |

### *Technology Packs: Microsoft Cyber Security Assessment*

| Requirements | Description   |
|--------------|---|
| Credentials  | Domain Admin Access when using IT Profiler for Microsoft Cyber Security Assessment. |

|                    |   |
|--------------------|---|
| Endpoints File     | You have obtained the list of Computers from Active Directory and mentioned all Computer Names or IP Addresses in C:\Users\Public\DynamicPacksTechnologies\ADHealthProfiler\DPConfig\Endpoints.CSV file.  |
| PowerShell Modules | <p>Microsoft Active Directory Service<br/>Microsoft Active Directory GPMC<br/>Microsoft Active Directory DNS Server</p> <p><b>Note:</b> Active Directory PowerShell Modules can be installed automatically from within the IT Profiler using “Prepare” option. Click on “Install Modules” button located in “Prepare” option.</p> <p><b>Note:</b> If you are using Windows 10 client, you must install AD Modules manually. You can use below link:<br/><a href="https://4sysops.com/wiki/how-to-install-the-powershell-active-directory-module/">https://4sysops.com/wiki/how-to-install-the-powershell-active-directory-module/</a></p> |
| Connectivity       | 1. All Endpoints must be reachable from IT Profiler computer.   |

## Prepare IT Profiler Screen

Prepare IT Profiler Screen must show green for all components

Check Components Status ●

↻ Prepare

|   |              |                              |         |  |              |
|---|--------------|------------------------------|---------|--|--------------|
| <span style="color: blue;">?</span> Operating System Test   | PASSED       |                              |         |  |              |
| <span style="color: blue;">?</span> Antivirus Exclusion Test  | PASSED       |                              |         |  |              |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">PowerShell Execution Policy:</td> <td style="text-align: right; color: green; font-weight: bold;">Success</td> </tr> <tr> <td style="padding: 2px;">Current PowerShell Execution Policy Setting:</td> <td style="text-align: right;">Unrestricted</td> </tr> </table> <p style="text-align: center; font-size: small; color: gray;"><i>PowerShell Execution Policy must be set to Unrestricted Or RemoteSigned.</i></p> |              | PowerShell Execution Policy: | Success | Current PowerShell Execution Policy Setting: | Unrestricted |
| PowerShell Execution Policy:  | Success      |                              |         |  |              |
| Current PowerShell Execution Policy Setting:  | Unrestricted |                              |         |  |              |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Testing A PowerShell Script</td> <td style="text-align: right; color: green; font-weight: bold;">Success</td> </tr> </table> <p style="text-align: center; font-size: small; color: gray;"><i>If test fails, please make sure to exclude C:\Users\Public\DynamicPacksTechnologies in Antivirus.</i></p>   |              | Testing A PowerShell Script  | Success |  |              |
| Testing A PowerShell Script   | Success      |                              |         |  |              |
| <span style="color: blue;">?</span> PowerShell Modules Test   | FAILED       |                              |         |  |              |
| <span style="color: blue;">?</span> Technology Modules Test   | Not Tested   |                              |         |  |              |
| <i>Office 365 and so on, please ensure to check modules status.</i>   |              |                              |         |  |              |