User Manual MAP Toolkit

1 PURPOSE

This document explains the procedures and prerequisites for performing a MAP Toolkit inventory scan.

The Microsoft Assessment and Planning Toolkit (MAP) is an agentless, automated, multi-product planning and assessment tool for quicker and easier desktop, server and cloud migrations. MAP provides detailed readiness assessment reports and executive proposals with extensive hardware and software information, and actionable recommendations to help organizations accelerate their IT infrastructure planning process, and gather more detail on assets that reside within their current environment.

The current version is: 9.1

You can download the latest version here.

2 PREREQUISITES

MAP Toolkit version **9.1** has the following prerequisites:

• Hardware Requirements:

A computer with at least the following minimum configuration:

- A dual-core 1.5GHz processor
- o 2.0 GB of RAM
- 1 GB of available disk space
- Network adapter card
- Graphics adapter that supports 1024x768 or higher resolution. At 1024x768, using a DPI setting of more than 100% is not supported. At higher resolutions, DPI settings higher than 100% are supported.

Note: Inventory, assessment, and reporting performance are based primarily on the speed of the CPU and the amount of available RAM.

• Software Requirements:

- Operating system. Any of the following:
 - Windows 8.1 (Professional and Enterprise editions only)
 - Windows 8 (Professional and Enterprise editions only)
 - Windows 7 with Service Pack 1 (Professional, Enterprise, and Ultimate editions only)
 - Windows Server 2012 R2
 - Windows Server 2012
 - Windows Server 2008 R2 with Service Pack 1
- .NET Framework 4.5 (download from <u>http://go.microsoft.com/fwlink/?LinkId=389161</u>)
- Installation of all updates for the operating system. Note: In some cases updates may not install automatically. To download updates for your computer manually, go to <u>http://update.microsoft.com</u>.
- By default, the MAP Toolkit will install SQL Server 2012 Express LocalDB during setup. You may also use an existing installation of SQL Server 2008, SQL Server 2008 R2, or SQL Server 2012 if you create an instance named "MAPS" before running the MAP Toolkit installer. The MAP Toolkit requires the collation order of the database engine to be set to "SQL_Latin1_General_CP1_CI_AS".

Note: Some of these prerequisites require restarting your computer. You may have to restart multiple times if all the prerequisites are not met prior to running Microsoft Assessment and Planning Toolkit setup.

3 **INSTALLATION**

1. Download the latest version of MAP Toolkit from the Microsoft Website (http://www.microsoft.com/en-us/download/details.aspx?id=7826)

2. Run MapSetup

Organize 👻 📑 Open	New folder				800 -	(
🔆 Favorites	Name	Date modified	Туре	Size		
Nesktop	MAP_Sample_Documents	8-11-2013 12:47	Compressed (zipp	2.454 KB		
🚺 Downloads	MAP_Training_Kit	8-11-2013 12:50	Compressed (zipp	61.518 KB		
🔢 Recent Places	MapSetup	8-11-2013 12:50	Application	73.986 KB		
Comments Comments Comments Pictures Videos Computer Computer Disk (C:) Disk (D:) Network						

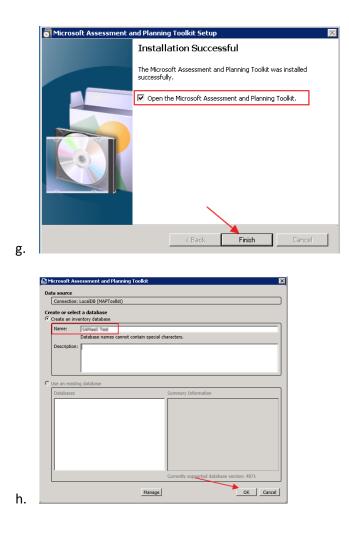
a. 🕒

o Micro	soft Assessment and Planning Toolkit Setup	×
	Welcome to the Microsoft Assessment and Planning Toolkit Setup Wizard	
	This wizard guides you through the process of installing the Microsoft Assessment and Planning Toolkit as well as Microsoft® SQL Server® Express LocalDB.	
	To start the installation process, click Next.	
	Read the online privacy statement	
	< Back; Next > Cancel	

MICROSOFT SI	OFTWARE LICENSE TERMS	
MICROSOFT A	SSESSMENT AND PLANNING TOOLKIT 8.5	
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They apply to t	a you live, one of its affiliates) and you. Please real ne software named above, which includes the med if any. The terms also apply to any Microsoft	
They apply to t you received it, • updates,	ne software named above, which includes the med	

c.

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	soft Assessment and Plar	nning Toolkit Setup		
	llation Folder the installation folder for the	Microsoft Assessment a	and Planning Tool	-it
Specify	the installation rolder for the	File osore Assessment e	and Fidnining 100ir	uc.
	Installation folder:		_	Browse
	C:\Program Files\Microsoft	Assessment and Planni	na Toolkit	
	crititogram nooti nerooore		ing roome	
		~		
		< Back	Next >	Cancel
		(Buok	Hom 7	
Micro	soft Assessment and Plan	ning Toolkit Setup		
Custo	mer Experience Impr	ovement Program	n	
We inv	ite you to join our Customer E	Experience Improvement	Program to impro	ove the
	, reliability and performance o			a
	accept, we will collect anonym w you use our software and s			
	NOT collect your name, addr			
is simp	e, user-friendly, and complete ing Customer Feedback Optio	elv anonymous. You can		
-				
	s. I am willing to participate ar ogram. (Recommended)	nonymously in the Custo	mer Experience II	mprovement
• Id	on't want to join the program	at this time.		
Read r	nore about the Customer Expe	erience Improvement Pr	<u>ogram</u>	
				
		< Back	Next>	Cancel
			i i unit i	
Micro	soft Assessment and Pla	nning Toolkit Setup		
	y to Install			
The set	up wizard is ready to install th	ne Microsoft Assessmen	t and Planning To	olkit.
Installa	tion Summary:			
	I Microsoft SQL Server Expre			
- Insta	ll the Microsoft Assessment a	nd Planning Toolkit.		
The set	up wizard cannot be cancelle	d once installation has b	egun.	
I ne se			-	
	n, click Install	× 1		
	n, click Install.	\sim		
	n, click Install.		4	
	n, click Install.	< Back	Install	Cancel



4 SCAN

1. Within the application Choose 'Perform an Inventory' to start the scan

Overview	👕 Overview				
Cloud	Where to start		Scenarios Available		
Desktop	Read the Getting Started Guide			51	
Server	Read the Getting Started Guide to learn mor	e about the MAP		1	
Desktop Virtualization	Toolkit and how to use it.	E		10	14
Database	Perform an inventory Begin gathering data about your environment for an		Server Virtualiz	ation	
Server Virtualization			The virtualization sce		
Usage Tracking	assessment.	100	planning analysis and assessments for use of Hyper-V.		
Environment			Server Consolidation		
Environment			Microsoft Private Cloud Fast Track Virtual Machine Discovery		
			Virtual Machine Discovery VMware Migration		
	VMware Migration Hardware Library				
				3. 	
	Additional Resources				
	Learn More Co	ommunity	Reference Material		
	MAP Toolkit Homepage M.	AP Toolkit Team Blog	log MAP Toolkit Application Download		
		chNet User Forums	MAP Toolk	t Sample Reports	
	MAP Toolkit on TechNet				

2. The following screen appears:

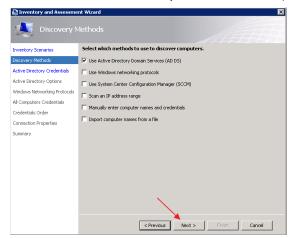
\$	Inventory and Assessment Wizard	x
Inventory		
Inventory Scenarios Discovery Methods Active Directory Credentials	The MAP Toolkit helps you to collect information for several different inventory scenarios. The scenarios you choose determine the technologies used to collect information from computers in your environment.	
Active Directory Options All Computers Credentials Credentials Order Summary	SQL Server SQL Server SQL Server with Database Details Window Kaure Reaform Migration Window Volume Licensing Gliet Access Tracking for SQL Server 2012 Gliet Access Tracking for	∩ ≡ ∽
	Collector Technologies: < Previous	

Select all options

3. click Next

Inventory and Assessme	ent Wizard 🔀
Inventory 9	
Inventory Scenarios Discovery Methods	The MAP Toolkit helps you to collect information for several different inventory scenarios. The scenarios you choose determine the technologies used to collect information from computers in your environment.
Active Directory Credentials	Choose your <u>s</u> cenario.
Active Directory Options	Windows computers
All Computers Credentials	VMware computers
Credentials Order	Active Devices and Users Exchange Server
Connection Properties	Endpoint Protection Server
Summary	✓ Lync Server ✓ Software ID (SWID) tags
	Description This inventory scenario uses WMI to collecthardware, device, and software information about WMI dows-based computers involvement. Tailso uses remote RowerShell to collect information about installed products from aoftware ID(SWID) tags my contained ditional information helpful in determining correct licensing forth easo dated products. Collector Technologies: Active Directory RowerShell, SQL Native, SQL Windows, VMware, WMI Collector Technologies: Active Directory RowerShell, SQL Native, SQL Windows, VMware, WMI

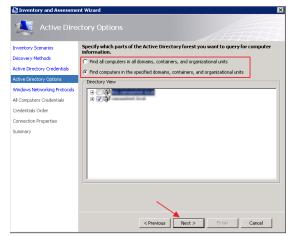
4. Choos 'Use Active Directory Domain Services (AD DS)'



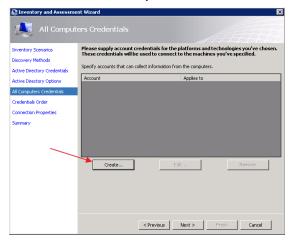
5. Enter the AD credentials in (don't forget to specify the domain as well)

Inventory and Assessme	nt Wizard ctory Credenti	als
Inventory Scenarios	Specify the logon in discover domain-je	nformation used to connect to the Active Directory forest and oined computers.
Discovery Methods Active Directory Credentials	Domain:	paraasted local
Active Directory Options Windows Networking Protocols All Computers Credentials	Domain account:	Examples: domainame.microsoft.com or domainame Camples: domainuser or user@domain.com This account does not require administrative privileges.
Credentials Order Connection Properties	Password:	********
Summary		
		< Previous Next > Finish Cancel

6. Select the AD domein



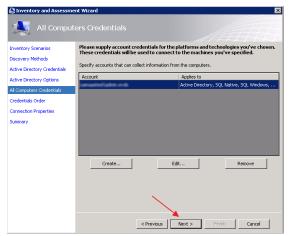
7. Click Create in All Computers Credentials



8. Enter the credentials and select all Technologies

count Entry		
Credential		
Account name:	canasciecif admin.ev-ds	
Examples: username, do	main\username, username@domain	
Password:	******	
Confirm password:	RECEPTER	
Technology Applies to: WMI Active Directory		
PowerShell		
 ✓ Powershell ✓ SQL Windows ✓ SQL Native 		
SQL Windows	Save and New	Close

9. Click Next



10. If you wish you can prioritize the inventory technology what will be used

Sinventory and Assessme	ent Wizard		×
Inventory Scharlos Discovery Methods Active Directory Credentals Active Directory Options All Computers Credentals Credentals Order Connection Properties Summary	Credentials will be t		
		< Previous Next > Finish Car	ncel

11. Check the PowerShell settings

🎒 Inventory and Assessme	ent Wizard				×
Connection	n Properties				
Inventory Scenarios Discovery Methods Active Directory Credentials Active Directory Options	Some collector technolog port or encryption, to all Choose the technology and t Technology	ow access to a	computer to	gather informat	
All Computers Credentials	PowerShell	TCP Port	Use SSL	Validate SSL Certificate	Move Up
Credentials Order		5985			Move Down
Connection Properties Summary		5986	3	V	Create Remove
		< Previous	Next >	Finish	Cancel

12. Check the overall settings and click Finish

Sinventory and Assessme	ent Wizard X
Summary	
Inventory Scenarios	Your selections are summarized below, including any detected errors.
Discovery Methods	Review your selections and resolve any detected errors before starting the inventory.
Active Directory Credentials	E- Summary
Active Directory Options	Inventory Scenarios Windows computers
All Computers Credentials	Active Devices and Users
Credentials Order	Exchange Server
Connection Properties	Forefront Endpoint Protection Server Lync Server
Summary	SQL Server SQL Server with Database Details
	- Windows Volume Licensing
	Selected Collector Technologies: Active Directory, PowerShell, SQL Native, SQL Wir
	Discovery mechans
	- Domain:
	Credential: LDAP://
	- Windows Networking protocols: Not Selected
	All Computers Credentials
	< Previous Next > Finish Cancel

- 13. The inventory scan will **automatically** start
- 14. click Close, when the scan has finished



5 BACK-UP DATABASE

1. Click File → Manage Databases...

Microsoft Assessment and Planning Toolkit	
File View Tools Help	
Select a Database Manage Databases Exit Cloud Desktop Server Desktop Virtualization Database Server Virtualization	 Overview Environment Summary 91 % Inventory Success 23 Machines Found 21 Machines Inventoried
Usage Tracking Environment	
	Additional Resources

2. Select the Database en click **Export**

Microsoft Assessment and Planning Toolki	it	×
Connection: LocalDB (MAPToolkit)		
Databases	Summary Information	
	Database version: 4871 Ready to use. Description:	
Edit Import Export Delete	Currently supported database version: 4871	
	Clo	se

3. Name de DB like *customername_domain_datestamp* and click **Save**

Section 2018 Assessment and Planning Toolkit				×
🕜 🕐 🕨 🕶 Microsoft Assessment an 🔹 DatabaseBackups 🔹 🚱 Search Database			eBackups 💋	
Organize 🔻 New folder			• ==	(?)
Favorites		Date modified	Туре	
Desktop				
Downloads	No items match your	search.		
💯 Recent Places				
🕞 Libraries				
Documents				
J Music				
E Pictures				
H Videos				
📜 Computer				
Local Disk (C:)				
- Test (D:)				•
File name: Export_Database_Company_Name				•
Save as type: SQL backup files (.bak) (*.bak)				-
Hide Folders		Save	Cancel	

4. click OK

6 SEND THE RESULTS

Please upload the DB backup (.bak file) in Zipped format.