	v4.0 (August 2022)  Ru Campbell MVP   campbell.scot   twitter.com/rucam365   linkedin.com/in/rlcam			Windows	s		Window	s Server		macOS	Linux	Android	iC
at.	ure	Description	7 SP1	8.1	10/11	2008 R2	2012 R2	2016	2019 / 2022				
	k surface reduction	Description							2022				
_	ASR rules  Block abuse of exploited vulnerable signed drivers	Protect against vulnerable signed drivers that allow kernel access and system			1709+		-	1					
_	Block Adobe Reader from creating child processes  Block all Office applications from creating child processes	Prevents payloads breaking out of Adobe Reader.  Prevents Word, Excel, PowerPoint, OneNote, and Access creating child processes.			1809+ 1709+		1	1	1				
	Block credential stealing from LSASS	Prevents word, Excel, PowerPoint, OneNote, and Access creating child processes.  Prevents untrusted processes accessing LSASS directly.			1803+		7	1	1				
	Block executable content from email client and webmail	Prevents Outlook and popular webmail providers launching scripts or executable files.			1709+		✓	1	1				
	Block executable files from running unless they meet a prevalence, age, or trusted list criterion	Using cloud-delivered protection, block executables depending on various reputational			1803+		1	1	<b>V</b>				
	Block execution of potentially obfuscated scripts  Block JavaScript or VBScript from launching downloaded executable content	Identifies and blocks script obfuscation with suspicious properties.  Prevents JavaScript or VBScript fetching and launching executables.			1709+ 1709+		1	1	1				
	Block Office applications from creating executable content	Prevents the Office suite from saving executable content to disk.			1709+		<b>√</b>	<b>√</b>	1				
	Block Office applications from injecting code into other processes	Prevent attempts to migrate code into another process in Word, Excel, and PowerPoint.			1709+		✓	✓	✓				
_	Block Office communication applications from creating child processes	In Teams and Outlook, prevent child processes being created.			1809+		<b>√</b>	<b>V</b>	٧,				
	Block persistence through WMI event subscription	Prevent C2 abuse of WMI to attain device persistence.  Prevents PSExec or WMI created processes from running, as is common in lateral			1903+				· ·				
_	Block process creations originating from PSExec and WMI commands	movement techniques. Not compatible with ConfigMgr.			1803+		<b>1</b>	1	<b>1</b>				
	Block untrusted and unsigned processes that run from USB	Executable files on USB drives or SD cards are prevented from executing unless trusted or signed.			1803+		✓	✓	✓				
_	Block Win32 API calls from Office macros	Protects against Office VBA Win32 API calls, mostly found in legacy macros.			1709+				1				
	Use advanced protection against ransomware	Using cloud-delivered protection heuristics, if a lower reputation file resembles ransomware and has not been signed, it is blocked.			1803+		✓	✓	✓				
_	ASR rules in warn mode if supported by rule	Allow users to override ASR blocked events.			1809+				1				
	Exploit protection	Successor to Enhanced Mitigation Experience Toolkit (EMET) with protection against over twenty exploit types.			1709+				✓				
	Web protection	Comprised of web content filtering (access based on site category) and web threat protection (phishing, exploit sites, low rep sites).			1709+		1	1	1	√ 11+			
	Network protection	Extends web protection to the entire OS and third-party browsers, blocking outbound			1709+		1	,	1	<b>✓</b>			
L		traffic to low-reputation or custom indicators.  Ransomware protection where protected folders are specified, and only allow-listed							<u> </u>	11+			
	Controlled folder access	applications may make modifications to them.			1709+		1	1	1				
	Device control – removable storage protection	Block the use of unauthorised removable storage media based on properties such as vendor ID, serial number, or device class.			1					10.15.4+			
		Audit and control read/write/execute operations on removable storage media based on								Not feature			
	Device control – removable storage access control	properties similar to removable storage protection.			1					equal to Windows			
	Device control – printer protection	Block the use of unauthorised print devices based on vendor ID and product ID.			1909+					Willdows			
dn.	oint protection platform												
ıþ	ant protection platform	Core antimalware engine that provides behaviour-based, heuristic, and real-time AV											
	Microsoft Defender Antivirus (MDAV)	protection; powers "next-generation protection" features in addition to standard			<b>✓</b>		<b>~</b>	<b>*</b>	<b>*</b>				
		signature-based detections.  "Down-level" operating systems do not have an antivirus engine built-in, however					Only if not						
	System Centre Endpoint Protection (SCEP) / Microsoft Antimalware for Azure (MAA)	Microsoft's antimalware platform is available through other channels such as SCEP (comes	<b>✓</b>	✓		<b>✓</b>	using unified						
_		with ConfigMgr), MAA (if managed with Azure), or Windows Defender (consumer-level).					agent						
	Preventative antivirus	"Traditional" antivirus approach to potential threats. May have behavioural monitoring	1	1		1				1	<b>√</b>		
L		capabilities but is not the Next Generation Protection MDAV client seen in Windows.									·		
	Diagle at first sinks	Block execution for up to 60 seconds while sending hash value of executable with mark of			1000		<u> </u>	,		Supports cloud-block	Supports cloud-block		
	Block at first sight	the web to cloud to determine reputation; if unknown hash, upload file for more analysis. (Roughly) degree of false positive tolerance is configurable using cloud-block level.			1803+		<b>~</b>	<b>'</b>	<b>~</b>	level but not	level but not		
_	Cloud delivered protection	Sends metadata to the cloud protection service to determine if a file is safe based on					,			hold time.	hold time.		
_	Cloud-delivered protection	machine learning and Intelligent Security Graph.			<b>~</b>		<b>1</b>	1	<b>1</b>	<b>1</b>	<b>✓</b>		
	Tamper protection	On Windows and macOS, blocks uninstallation and other defense evasion techniques. On			1		<b>✓</b>	1	1	<b>✓</b>		<b>✓</b>	
_		mobiles, detect if out of protection for seven days and inform device compliance.											
	Potentially unwanted app protection	Blocks software that isn't necessarily malicious but otherwise undesirable, such as advertising injectors and cryptominers.			<b>✓</b>		✓	<b>*</b>	<b>✓</b>	✓	✓		
	Passive mode	If third-party endpoint protection is also running, antimalware engine doesn't provide			1		<b>✓</b>	1	1	<b>✓</b>	<b>✓</b>		
	rassive mode	preventative real-time protection (including ASR rules, etc) but can scan on-demand. Can be supplemented by EDR in block mode.			Automatic		Manual	Manual	Manual	Manual	Manual		
	Respect indicators of compromise – files and certificates	Custom block or allow controls on the endpoint based on hash value or CER/PEM files.			1703+		<b>4</b>	1	1				
	Respect indicators of compromise – IPs and URLs	Custom block or allow controls based on public IP or FQDNs (or full web paths for			1709+		_	1	1		_		
_		Microsoft web browsers).  Control the inbound and outbound network traffic allowed on the device based on the			1705		-	· ·		•	•	•	
	Windows Defender Firewall with Advanced Security (WFAS)	type of network connected, as well as other controls such as IPsec.	<b>✓</b>	<b>✓</b>	1	<b>✓</b>	<b>✓</b>	<b>1</b>	<b>✓</b>				
	Troubleshooting mode	For a 3 hour window, local admin can override MDAV security policy, including tamper protection. During window, configuration changes can be made. Diagnostic files are			20H1+				1				
		made available.			201111				<u> </u>				
	Host firewall reporting	Dedicated reporting available in the Microsoft 365 Defender portal about inbound + outbound connections and app connections.			✓		✓	✓	✓				
esi	tigation and response	Detected threats or potential malicious activity that should be reviewed, presented with a											
_	Alerts	story, affected assets, and details.	<b>~</b>	<b>✓</b>	<b>'</b>	<b>✓</b>	<b>√</b>	1	<b>1</b>	<b>✓</b>	<b>~</b>	<b>~</b>	
	Incidents	Aggregation of alerts with the same attack techniques or attributed to the same attacker.	✓	✓	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	✓	✓	✓	
	Device groups	Control RBAC permissions to devices and alerts, auto-remediation levels, and web content		<b>v</b>	1	1	<b>4</b>	1	1	<b>v</b>	<b>v</b>	<b>✓</b>	
	Davide trace	filtering. One device belongs to one group.  Create logical group affliction for filtering, reporting, and automatic device group		_	1	1	_	1	1		_		
_	Device tags	membership. One device can have many tags.	· •		· •		•		<u> </u>	-		•	
	Advanced hunting	Kusto query language (KQL) based tool for exploration of raw data across Microsoft 365 Defender, including custom detection rules.	✓	✓	<b>✓</b>	✓	✓	<b>✓</b>	✓	✓	✓	✓	
	EDR in block mode	Remediates malicious artifacts in post-breach detections, including if third party AV is in			1		<b>✓</b>	1	1				
	Automated investigation and response (AIR)	use and MDAV is in passive mode.  Uses inspection algorithms based on security analyst processes to examine and take			1709+		_	/	1				
_	, and a mestigation and response (mily	(configurable) remedial action.					•	_ •	<u> </u>				
e re	esponse actions												
	Stop and quarantine file	Stop any running processes and quarantine the file, unless signed by Microsoft.  Executes the file in a cloud environment and report on behaviours such as contacted IPs,			1703+		<b>V</b>	1	1				
	Automatically collect file for deep analysis	files created on disk, and registry modifications.			1		✓	<b>✓</b>	<b>✓</b>				
	Download quarantined file	Download a zipped version of the file that has been quarantined by Microsoft Defender			1703+				1				
		Antivirus if collected under your sample submission policy.											
vic	e response actions									Code Union	✓ via Live		
	Run antivirus scan	Initiates a full or quick even if in passive mode.			1709+		✓	✓	✓	√ via Live  Response	Response		
	Restrict app execution	Implements a code integrity (Application Control) policy limiting files to those signed by Microsoft.			1709+			<b>✓</b>	1				
	Isolate from the network (full)				1703+					✓ via Live	✓ via Live		
_	Isolate from the network (full)	Limits network connectivity on the endpoint to only the Defender for Endpoint service.  Limits network connectivity on the endpoint to Defender for Endpoint and Office 365.			1703+		1	<b>√</b>	<b>*</b>	Response	Response		
	Isolate from the network (selective)	Limits network connectivity on the endpoint to Defender for Endpoint and Office 365 communication apps, such as Outlook and Teams.			1709+		✓	✓	✓				
L	Live response	Establishes a remote shell connection to the endpoint to collect forensics, run scripts, analyse threats, and threat hunt.			1709+		<b>v</b>	<b>√</b>	<b>4</b>	<b>~</b>	<b>~</b>		
_	Collect an investigation package	Builds a zip file with folders on files on forensic information such as installed programs,			1703+		,	,	J	✓ via Live	✓ via Live		
_		autoruns, processes, SMB sessions, and system info.					•	•	•	Response	Response		
_	osoft Defender Vulnerability Management												
cro	OS vulnerabilities	Informs MDVM recommendations and weaknesses based on operating system vulnerabilities.	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	<b>√</b>	<b>√</b>	✓	✓	✓	
cro	Software product vulnerabilities	Informs MDVM recommendations and weaknesses based on individual software		<b>V</b>	1709+		_	1			<b>v</b>	_	
cro	OS configuration assessment	vulnerabilities; not limited to Microsoft apps.  Informs MDVM recommendations based on system settings for the OS itself.		· /	1709+	<b>V</b>	<b>'</b>	<b>*</b>	· /	<b>V</b>	<b>*</b>	•	
cro	Software controls configuration assessment	Informs MDVM recommendations based allignment with control standards.		<b>V</b>	1709+	1	1	1	1	<b>√</b>	<b>V</b>		
cro	Software product configuration assessment	Informs MDVM recommendations based on app configurations.  Endpoints passively or actively collect events and extract device information (basic mode)		<b>1</b>	1709+	<b>1</b>	<b>√</b>	· ·	<b>1</b>	<b>✓</b>	<b>✓</b>		
crc	Device discovery	or actively probe observed devices (standard mode; default). This refers to OSs that can			1809+				✓				
crc		perform discovery.  Temporarily block or warn on launch all known vulnerable versions of an application until											
crc	· ·	the remediation request is completed. Based on file indicators of compromise and			1809+								
crc	Block vulnerable applications	enforced by MDAV. First-party apps not supported.			1700		,						
crc		For Edge, Chrome, and Firefox, report installed browser extensions and their permission			1709+		<b>✓</b>						
crc	Block vulnerable applications  Browser extensions	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.			1709+		✓	✓	<b>✓</b>				
crc		For Edge, Chrome, and Firefox, report installed browser extensions and their permission											F
	Browser extensions	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender											
	Browser extensions  Certificate inventory  le Threat Defense	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for										✓	
	Browser extensions  Certificate inventory  le Threat Defense  Microsoft Tunnel	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.										✓ Unified	St
	Browser extensions  Certificate inventory  le Threat Defense	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.											St
	Browser extensions  Certificate inventory  le Threat Defense  Microsoft Tunnel	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM											St
	Browser extensions  Certificate inventory  le Threat Defense  Microsoft Tunnel  Jailbreak detection	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM enrolment. Then sends risk score to control access.  Uses both signatures and Mi/Neuristics to protect against unsafe apps and files.										Unified	St
	Browser extensions  Certificate inventory  le Threat Defense  Microsoft Tunnel  Jailbreak detection  Mobile application management (MAM) support	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM enrolment. Then sends risk score to control access.  Uses both signatures and ML/heuristics to protect against unsafe apps and files.  Using a loopback VPN, protects against potentially malicious web traffic in browsers,										Unified	St
	Browser extensions  Certificate inventory  Le Threat Defense  Microsoft Tunnel  Jailbreak detection  Mobile application management (MAM) support  Potentially unwanted or malicious app scanning  Phishing protection	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM enrolment. Then sends risk score to control access.  Uses both signatures and Mi/Neuristics to protect against unsafe apps and files.										Unified	St
	Browser extensions  Certificate inventory  le Threat Defense  Microsoft Tunnel  Jailbreak detection  Mobile application management (MAM) support  Potentially unwanted or malicious app scanning	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM enrolment. Then sends risk score to control access.  Uses both signatures and ML/heuristics to protect against unsafe apps and files.  Using a loopback VPN, protects against potentially malicious web traffic in browsers, email, app, and messaging apps.										Unified	St
bil	Browser extensions  Certificate inventory  Le Threat Defense  Microsoft Tunnel  Jailbreak detection  Mobile application management (MAM) support  Potentially unwanted or malicious app scanning  Phishing protection	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM enrolment. Then sends risk score to control access.  Uses both signatures and Mi/Putervistics to protect against unsafe apps and files.  Using a loopback VPN, protects against potentially malicious web traffic in browsers, email, app, and messaging apps.										Unified	Si
bil	Browser extensions  Certificate inventory  Le Threat Defense  Microsoft Tunnel  Jailbreak detection  Mobile application management (MAM) support  Potentially unwanted or malicious app scanning  Phishing protection  Mobile network protection	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM enrolment. Then sends risk score to control access.  Uses both signatures and ML/heuristics to protect against unsafe apps and files.  Using a loopback VPN, protects against potentially malicious web traffic in browsers, email, app, and messaqing apps.  Wi-Fi threat protection, such as against pineapple devices, and alerts/remediation options with a suspicious network is detected.					Only if not	· .				Unified	Si
bil	Browser extensions  Certificate inventory  Le Threat Defense  Microsoft Tunnel  Jailbreak detection  Mobile application management (MAM) support  Potentially unwanted or malicious app scanning  Phishing protection  Mobile network protection	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM enrolment. Then sends risk score to control access.  Uses both signatures and Mi/Putervistics to protect against unsafe apps and files.  Using a loopback VPN, protects against potentially malicious web traffic in browsers, email, app, and messaging apps.				·	Only if not using unified	Only if not using unified				Unified	St
bil	Browser extensions  Certificate inventory  le Threat Defense  Microsoft Tunnel  Jailbreak detection  Mobile application management (MAM) support  Potentially unwanted or malicious app scanning  Phishing protection  Mobile network protection	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page, Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM enrolment. Then sends risk score to control access.  Uses both signatures and MI/heuristics to protect against unsafe apps and files.  Using a loopback VPN, protects against potentially malicious web traffic in browsers, email, app., and messaging apps.  Wi-Fi threat protection, such as against pineapple devices, and alerts/remediation options with a suspicious network is detected.  Windows OSs without EDR capabilities built-in require MMA installed with a workspace ID and key specified (obtained from portal).					using	using				Unified	St
bbil	Browser extensions  Certificate inventory  le Threat Defense  Microsoft Tunnel  Jailbreak detection  Mobile application management (MAM) support  Potentially unwanted or malicious app scanning  Phishing protection  Mobile network protection	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM enrolment. Then sends risk score to control access.  Uses both signatures and Mi/Devaristics to protect against unsafe apps and files.  Using a loopback VPN, protects against potentially malicious web traffic in browsers, email, app, and messaging apps.  Wi-Fi threat protection, such as against pineapple devices, and alerts/remediation options with a suspicious network is detected.  Windows OSs without EDR capabilities built-in require MMA installed with a workspace ID		·		·	using unified	using unified				Unified	St
bbil	Browser extensions  Certificate inventory  Le Threat Defense Microsoft Tunnel  Jailbreak detection  Mobile application management (MAM) support Potentially unwanted or malicious app scanning Phishing protection  Mobile network protection  Mobile network protection  Microsoft Monitoring Agent (MMA) required	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM enrolment. Then sends risk score to control access.  Uses both signatures and MicPheuristics to protect against unsafe apps and files.  Using a loopback VPN, protects against potentially malicious web traffic in browsers, email, app, and messaging apps.  Wi-Fi threat protection, such as against pineapple devices, and alerts/remediation options with a suspicious network is detected.  Windows OSs without EDR capabilities built-in require MMA installed with a workspace ID and key specified (obtained from portal).  For down-level Windows Server OSs, the unified solution agent (MSI installer) provides near parity with Windows Server 2019's capabilities and removes the need for the Microsoft Monitoring Agent.		·		•	using unified agent	using unified agent				Unified	St
bil	Browser extensions  Certificate inventory  Le Threat Defense Microsoft Tunnel  Jailbreak detection  Mobile application management (MAM) support Potentially unwanted or malicious app scanning Phishing protection  Mobile network protection  Mobile network protection  Microsoft Monitoring Agent (MMA) required	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page, Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM enrolment. Then sends risk score to control access.  Uses both signatures and MI/heuristics to protect against unsafe apps and files.  Using a loopback VPN, protects against potentially malicious web traffic in browsers, email, app., and messaging apps.  Wi-Fi threat protection, such as against pineapple devices, and alerts/remediation options with a suspicious network is detected.  Windows OSs without EDR capabilities built-in require MMA installed with a workspace ID and key specified (obtained from portal).  For down-level Windows Server 2019's capabilities and removes the need for the Microsoft Monitoring Agent.  Manage configuration using Endpoint Manager admin centre just like intune devices without enrolling device in MDM. Also known as "MDE Attach". So far only MDAV, without enrolling device in MDM. Also known as "MDE Attach". So far only MDAV,		,		·	using unified agent	using unified agent				Unified	St
bil	Browser extensions  Certificate inventory  le Threat Defense  Microsoft Tunnel  Jailbreak detection  Mobile application management (MAM) support  Potentially unwanted or malicious app scanning  Phishing protection  Mobile network protection  Mobile and management  Microsoft Monitoring Agent (MMA) required  'Unified solution' agent available	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM enrolment. Then sends risk score to control access.  Uses both signatures and Mi/Devaristics to protect against unsafe apps and files.  Using a loopback VPN, protects against potentially malicious web traffic in browsers, email, app, and messaging apps.  Wi-Fit threat protection, such as against pineapple devices, and alerts/remediation options with a suspicious network is detected.  Windows OSs without EDR capabilities built-in require MMA installed with a workspace ID and key specified (obtained from portal).  For down-level Windows Server 2019's capabilities and removes the need for the Microsoft Monitoring Agent.  Manage configuration using Endpoint Manager admin centre just like Intune devices without enrolling device in MDM. Also known as "MDE Attach". So far only MDAV, firewall, and EDR sensor settings supported. Device must already be onboarded.		,	J	•	using unified agent	using unified agent				Unified	St
bbil	Browser extensions  Certificate inventory  le Threat Defense  Microsoft Tunnel  Jailbreak detection  Mobile application management (MAM) support  Potentially unwanted or malicious app scanning  Phishing protection  Mobile network protection  Mobile and management  Microsoft Monitoring Agent (MMA) required  'Unified solution' agent available	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page, Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM enrolment. Then sends risk score to control access.  Uses both signatures and MI/heuristics to protect against unsafe apps and files.  Using a loopback VPN, protects against potentially malicious web traffic in browsers, email, app., and messaging apps.  Wi-Fi threat protection, such as against pineapple devices, and alerts/remediation options with a suspicious network is detected.  Windows OSs without EDR capabilities built-in require MMA installed with a workspace ID and key specified (obtained from portal).  For down-level Windows Server 2019's capabilities and removes the need for the Microsoft Monitoring Agent.  Manage configuration using Endpoint Manager admin centre just like intune devices without enrolling device in MDM. Also known as "MDE Attach". So far only MDAV, without enrolling device in MDM. Also known as "MDE Attach". So far only MDAV,		•		,	using unified agent	using unified agent			4	Unified	St
bil	Browser extensions  Certificate inventory  le Threat Defense  Microsoft Tunnel  Jailbreak detection  Mobile application management (MAM) support  Potentially unwanted or malicious app scanning  Phishing protection  Mobile network protection  Mobile network protection  Microsoft Monitoring Agent (MMA) required  'Unified solution' agent available  Security Management for MDE  Microsoft Defender for Cloud (Microsoft Defender for Servers)	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM enrolment. Then sends risk score to control access.  Uses both signatures and Michveuristics to protect against unsafe apps and files.  Using a loopback VPN, protects against potentially malicious web traffic in browsers, email, app, and messaging apps.  Wi-Fi threat protection, such as against pineapple devices, and alerts/remediation options with a suspicious network is detected.  Windows OSs without EDR capabilities built-in require MMA installed with a workspace ID and key specified (obtained from portal).  For down-level Windows Server OSs, the unified solution agent (MSI installer) provides near parity with Windows Server OSs, the unified solution agent (MSI installer) provides near parity with Windows Server 2019's capabilities and removes the need for the Microsoft Monitoring Agent.  Manage configuration using Endpoint Manager admin centre just like Intune devices without enrolling device in MDM. Also known as "MDE Attach". So far only MDAV, firewall, and EDR sensor settings supported. Device must already be onboarded.  MDE is included as part of the Microsoft Defender for Servers licensing (a paid component of Defender for Cloud). Using Azure Arc, can be extended to systems not hosted in Azure (on-premises; third-party cloud).		•	▼ Enterprise		using unified agent	using unified agent	<b>√</b>		•	Unified	St
obil	Browser extensions  Certificate inventory  le Threat Defense  Microsoft Tunnel  Jailbreak detection  Mobile application management (MAM) support  Potentially unwanted or malicious app scanning  Phishing protection  Mobile network protection  arding and management  Microsoft Monitoring Agent (MMA) required  'Unified solution' agent available  Security Management for MDE	For Edge, Chrome, and Firefox, report installed browser extensions and their permission risk in the Microsoft 365 Defender inventory page.  For certificates in the local machine store, report them in the Microsoft 365 Defender inventory page. Includes validity period, key size, issuer, etc.  A VPN gateway for Intune managed mobile devices that leverages Azure AD for Conditional Access benefits.  Raise alerts for potential defence evasion by reporting jailbroken devices and mark them as high risk.  Requires device have MDE app and AAD registration but doesn't require full MDM enrolment. Then sends risk score to control access.  Uses both signatures and Micheuristics to protect against unsafe apps and files.  Using a loopback VPN, protects against potentially malicious web traffic in browsers, email, app, and messaging appos.  Wi-Fi threat protection, such as against potentially malicious web traffic in browsers, email, app, and messaging appos.  Wirdows OSs without EDR capabilities built-in require MMA installed with a workspace ID and key specified (obtained from portal).  For down-level Windows Server OSs, the unified solution agent (MSI installer) provides near parity with Windows Server 2019's capabilities and removes the need for the Microsoft Monitoring Agent.  Manage configuration using Endpoint Manager admin centre just like Intune devices without enrolling device in MDM. Also known as "MDE Attach". So far only MDAV, firewall, and EDR sensor settings supported. Device must already be onboarded.  MDE is included as part of the Microsoft Defender for Servers licensing to paid component of Defender for Cloud). Using Azure Arc, can be extended to systems not		,			using unified agent	using unified agent	<b>√</b>			Unified	St