



ATTACK SURFACE MANAGEMENT VULNERABILITY PROCESS ASM-VP

V031623

This document is a briefing that describes the operation and use of the ASM-VP Dashboard, and it is meant for all users of SKYWATCH WEB Platform.

Purpose of this Dashboard

The SYWATCHSM Attack Surface Management Vulnerability Process (ASM-VP) addresses, in the most comprehensive manner, all the components and information flow from testing to remediation of the organization's vulnerabilities.

The ASM-VP aims to reduce the time that it takes an organization to resolve (remediate) its vulnerabilities and provides all the service-modules necessary. It addresses the following issues:

- 1. Takes time and resources to detect and respond.
- 2. Lack of a unified view for all the parts of information
- 3. Incomplete asset inventory
- 4. Inaccurate and inefficient prioritization of vulnerabilities
- 5. Overwhelming volume of vulnerabilities
- 6. Management's focus, attention, and communication

The ASM-VP Dashboard provides the following functionality:

- Presents in graphical form the flow of information and the parameters to measure security and operational information.
- Provides a "door" into more detailed dashboards for each component of services involved and contracted.
- Displays key security and operational indicators of the full process and components (based on the contracted services by the client).
- Shows the number of cases per stage and department/organization.
- Creates a report that is on-demand that combines all the detailed reporting for the complete Vulnerability Process related modules (service dashboards).

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The following presents the SYWATCHSM ASM-VP for VISIBILITY and ON-DEMAND REPORT.



# of discovered assets; # of baselined assets	Network Vulnerability counters: # of critical; # of high; # of medium; # of low vulnerabilities	# of missing patches	# of cases of exploitation of vulnerability	# of cases	# of cases open and answered	# of cases open and answered	# of cases open and answered
Testing for Asset Discovery	Testing for Network Vulnerabilities	Testing for Missing Patches	Testing for Exploitability of immediate threats	Testing for Configuration Management GAPS	TESTING	Verification and Prioritization	Configuration Execution and Change Management

Application Vulnerability counters: # of critical; # of high; # of medium; # of low vulnerabilities	% penetration for: (Email Endpoint Web Immediate Threat DLP LM)	# of cases	# of cases of ports that are open and not baselined	# of cases	# of cases open and answered	# of cases open and answered	# of agents active
Testing for Application Vulnerabilities	Testing for gaps in controls	Exploitation of vulnerabilities – continuous Web Application Pentest	Testing for open ports	Testing for Configuration Management GAPS	Detection and Correlation	Remediation Plan	Protection for Endpoints

of cases per stage

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The services listed are either lighted with a link to the corresponding service page (for contracted services) or dark (for non-contracted services).

Detailed Description of functionality of the ASM-VP Dashboard

Below the description and use cases of each of the components.

ITEM	SERVICE	INDICATOR	DESCRIPTION
Testing for	MSS-VM;	# of	What is it?
Asset	MSS-VME	Discovered	Displays a # on how many patch deployments have occurred, regardless of
Discovery		assets and #	success or failure.
		of Baselined	Operation
		assets	For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information
			represents data from the last 30 days.
			Use case.
			This information can be used to track whether patches have been deployed.
Testing for	MSS-VM;	# of critical;	What is it?
Network	MSS-VME	# of high; #	Displays a # on how many patch deployments have occurred, regardless of
Vulnerabilities		of medium;	success or failure.
		#low	Operation Control of the Control of
			For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information
			represents data from the last 30 days.
			Use case.
Tankina fan	NACC VAAF	H = f = state==1.	This information can be used to track whether patches have been deployed.
Testing for	MSS-VME	# of critical;	What is it?
Application Vulnerabilities		# of high; #	Displays a # on how many patch deployments have occurred, regardless of success or failure.
vuillerabilities		of medium; #low	Operation
		#10W	For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information
			represents data from the last 30 days.
			Use case.
			This information can be used to track whether patches have been deployed.
Testing for	MSS-EPM	# of missing	What is it?
Missing		patches	Displays a # on how many patch deployments have occurred, regardless of
Patches			success or failure.
			Operation
			For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information
			represents data from the last 30 days.
			Use case.
			This information can be used to track whether patches have been deployed.
Testing for	MSS-BAS	%	What is it?
gaps in		penetration	Displays a # on how many patch deployments have occurred, regardless of
controls		for: (Email	success or failure.
		Endpoint	Operation
		Web	For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information
		Immediate	represents data from the last 30 days.
		Threat DLP	Use case.
		LM)	This information can be used to track whether patches have been deployed.
Testing for	MSS-BAS	# of systems	What is it?
Exploitability		can be	Displays a # on how many patch deployments have occurred, regardless of
of immediate		compromise	success or failure.
threats		d from this	Operation
		Immediate threat	For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information
		trireat	represents data from the last 30 days.
			Use case. This information can be used to track whether natches have been deployed.
Evaluitation of	MSS-VME-	# of cases of	This information can be used to track whether patches have been deployed. What is it?
Exploitation of vulnerabilities	ADV	this type	Displays a # on how many patch deployments have occurred, regardless of
– continuous	ADV	tilis type	success or failure.
Web			Operation
Application			For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information
Pentest			represents data from the last 30 days.
			Use case.
			This information can be used to track whether patches have been deployed.
			matter patents nave been acproyed.

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Testing for open ports	MSS-VME- ADV	# of cases of ports that	What is it? Displays a # on how many patch deployments have occurred, regardless of
- t hervo		are open and not	success or failure. Operation
		baselined	For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information represents data from the last 30 days. Use case.
			This information can be used to track whether patches have been deployed.
Testing for Configuration Management GAPS	MSS-EPCM	# of cases opened	What is it? Displays a # on how many patch deployments have occurred, regardless of success or failure. Operation
			For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information represents data from the last 30 days. Use case.
			This information can be used to track whether patches have been deployed.
TESTING		# OF CASES	What is it?
		OPEN AND ANSWERED	Displays a # on how many patch deployments have occurred, regardless of success or failure. Operation
			For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information represents data from the last 30 days. Use case.
			This information can be used to track whether patches have been deployed.
Detection and		# OF CASES	What is it?
Correlation		OPEN AND ANSWERED	Displays a # on how many patch deployments have occurred, regardless of success or failure. Operation
			For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information
			represents data from the last 30 days.
			Use case. This information can be used to track whether patches have been deployed.
Verification		# OF CASES	What is it?
and		OPEN AND	Displays a # on how many patch deployments have occurred, regardless of
Prioritization		ANSWERED	success or failure. Operation
			For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information represents data from the last 30 days.
			Use case.
B		" OF CACES	This information can be used to track whether patches have been deployed.
Remediation Plan		# OF CASES OPEN AND	What is it? Displays a # on how many patch deployments have occurred, regardless of
		ANSWERED	success or failure. Operation
			For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information represents data from the last 30 days.
			Use case. This information can be used to track whether natches have been deployed.
Incident		# of cases	This information can be used to track whether patches have been deployed. What is it?
Response		opened and answered	Displays a # on how many patch deployments have occurred, regardless of success or failure.
			Operation
			For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information represents data from the last 30 days. Use case.
			This information can be used to track whether patches have been deployed.
Patch	MSS-EPM	# of cases	What is it?
Management Execution and		opened and answered	Displays a # on how many patch deployments have occurred, regardless of success or failure.
Change		answered	Operation
Management			For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information
			represents data from the last 30 days.
			Use case. This information can be used to track whether patches have been deployed.
Configuration	MSS-EPCM	# of cases	What is it?
Execution and		opened and	Displays a # on how many patch deployments have occurred, regardless of
		answered	success or failure.

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Change			Operation
Management			For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information
			represents data from the last 30 days.
			Use case.
			This information can be used to track whether patches have been deployed.
Re-testing		# of cases	What is it?
		opened and answered	Displays a # on how many patch deployments have occurred, regardless of success or failure.
			Operation
			For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information
			represents data from the last 30 days.
			Use case.
			This information can be used to track whether patches have been deployed.
Protection for	MSS-EDR	# of agents	What is it?
Endpoints		active	Displays a # on how many patch deployments have occurred, regardless of success or failure.
			Operation
			For the SKYWATCH WEB the refresh rate is once every 2-3 days. The information represents data from the last 30 days.
			Use case.
			This information can be used to track whether patches have been deployed.
Generate on-			This action button will generate the ASM-VP REPORT based on the data of the
Demand			dashboard with the corresponding TLP AMBER designation.
Report			
How to use this			This document will be presented when this item is selected.
Dashboard			

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