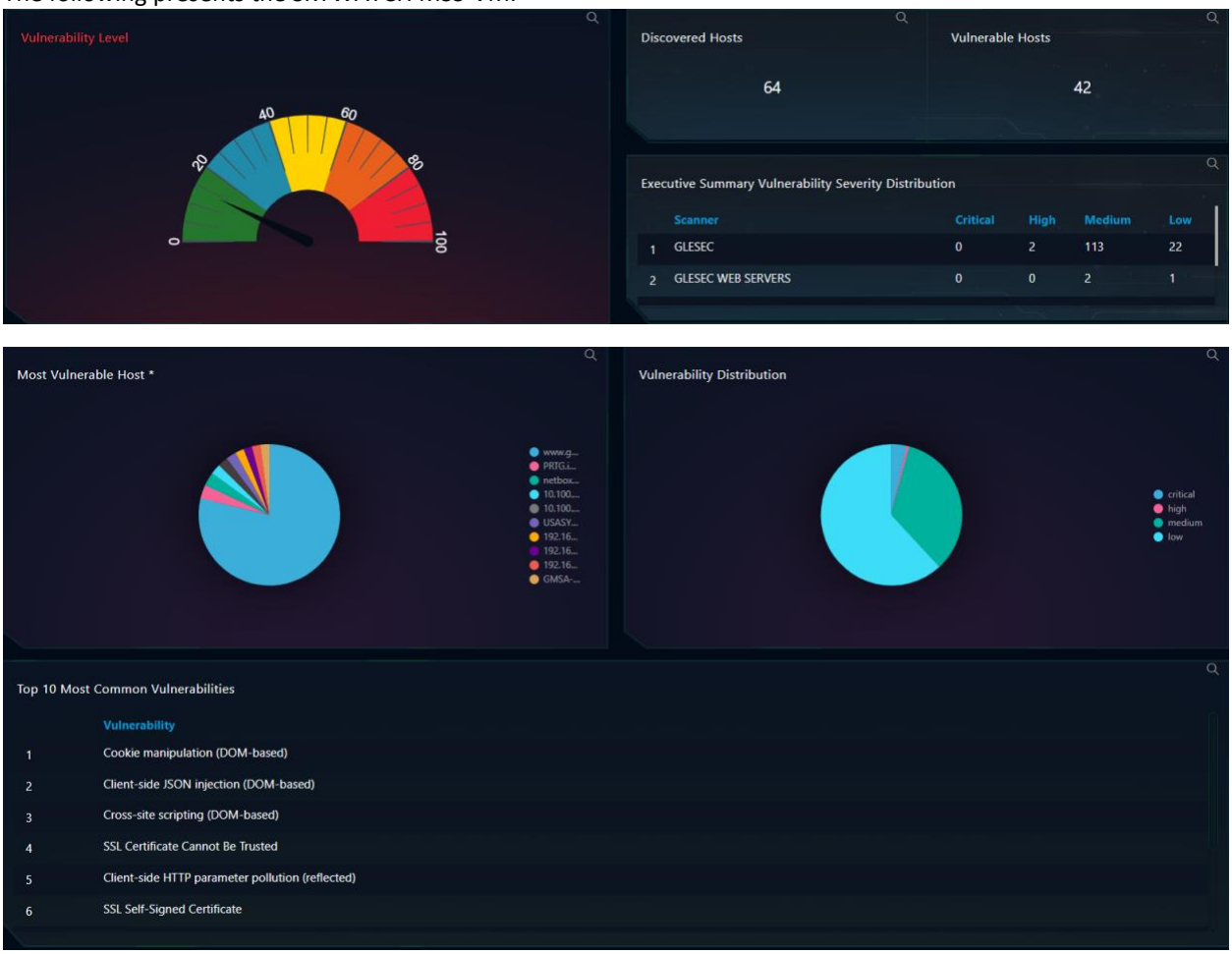
MANAGED VULNERABILITY SERVICE (MSS-VM)

This document is a briefing that describes the operation and use of the MSS-VM Service, and it is meant for all users of SKYWATCH WEB Platform.

Purpose of this Dashboard

This SKYWATCH Dashboard(s) provides **visibility** to the technical and executive users of SKYWATCH about the **MSS-VM** Service and an on-demand **report** for this service (with the information of the dashboard). These are two of the deliverables for this service. There are more consolidated reports that combine the information of this service with other contracted services. Also certain of the parameters defined on this Dashboard are used as indicators to trigger SKYWATCH automations (GLESEC NOTABLE EVENTS – GNE) and this activates the GLESEC OPERATION CENTER(s) (GOC) into action to further investigate and for incident-response.

The following presents the SKYWATCH MSS-VM.



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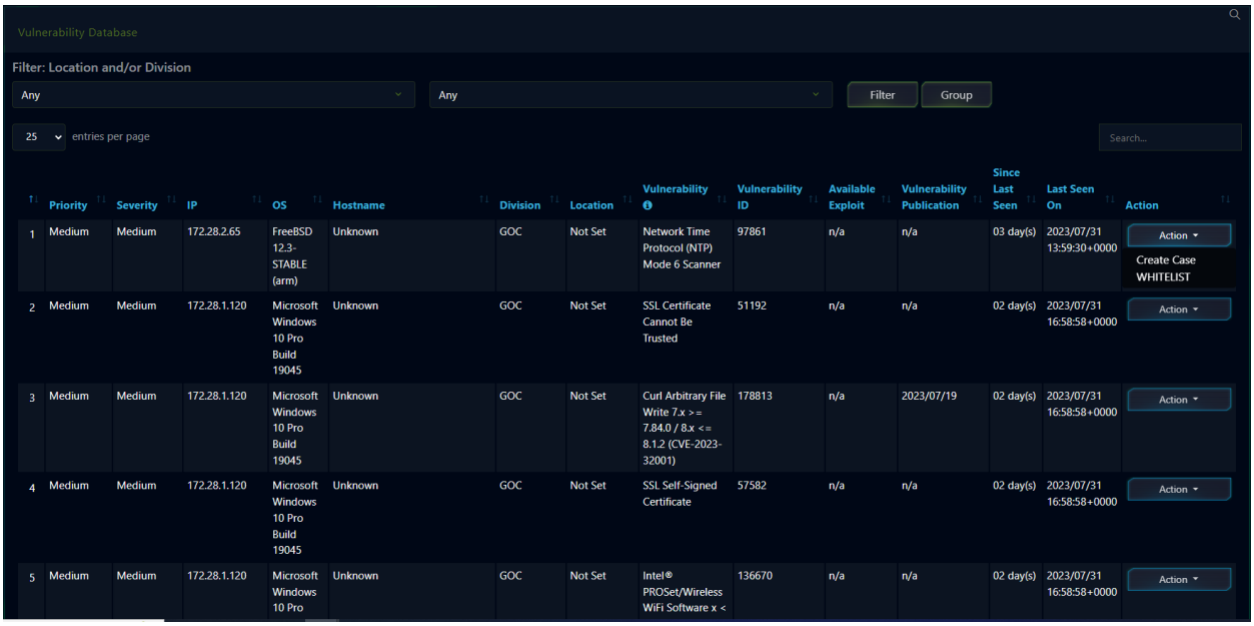

Detailed Description of functionality of the MSS-VM Dashboard

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

ITEM	DESCRIPTION
Vulnerability Level	Displays a risk chart that shows the total vulnerability level. For the SKYWATCH WEB the refresh rate is once every day. The information represents data from the last 30 days. This information can be used to see what the overall vulnerability risk is.
Discovered Hosts	Displays all the discovered hosts. For the SKYWATCH WEB the refresh rate is once every day. The information represents data from the last 30 days. This information can be used to monitor how many hosts are discovered on your internal network.
Vulnerable Hosts	Displays from the discovered hosts how many have vulnerabilities. For the SKYWATCH WEB the refresh rate is once every day. The information represents data from the last 30 days. This information can be used to monitor how many discovered hosts are vulnerable on your internal network.
Executive Summary Vulnerability Severity Distribution	Displays groups that are being scanned and how many total vulnerabilities they have broken up into varying levels. For the SKYWATCH WEB the refresh rate is once every day. The information represents data from the last 30 days. This information can be used to monitor the amount of vulnerabilities on your network and if they are increasing or decreasing.
Most Vulnerable Host	Displays the top 10 most vulnerable hosts on your network. For the SKYWATCH WEB the refresh rate is once every day. The information represents data from the last 30 days. This information can be used to see which hosts are the weakest and should be addressed first.
Vulnerability Distribution	Displays how many vulnerabilities and in what risk category they belong to on a pie chart. For the SKYWATCH WEB the refresh rate is once every day. The information represents data from the last 30 days. This information can be used to see how many high level vulnerabilities are present on a pie chart.
Top 10 Most Common Vulnerabilities	Displays the top 10 vulnerabilities on your network. For the SKYWATCH WEB the refresh rate is once every day. The information represents data from the last 30 days. This information can be used to see which vulnerabilities are most common and should be addressed first.

Vulnerable Host History	Displays how many vulnerable hosts a network has on a graph over the span of 6 months. For the SKYWATCH WEB the refresh rate is once every day. The information represents data from the last 6 months. This information can be used to see what your network history is with your vulnerable devices.
Vulnerability Severity History	Displays the history of the different levels of the vulnerabilities over the span of 6 months. For the SKYWATCH WEB the refresh rate is once every day. The information represents data from the last 6 months. This information can be used to see what your network history is with your vulnerable devices and their levels of vulnerabilities.
Discovered Host History	Displays the history of the discovered hosts in the network over the span of 6 months. For the SKYWATCH WEB the refresh rate is once every day. The information represents data from the last 6 months. This information can be used to see what your network history is with your discovered devices.
Vulnerabilities Compared To Previous Month	Displays the amount of vulnerabilities on a device currently to how many it had in the previous month. For the SKYWATCH WEB the refresh rate is once every day. The information represents data from the last 60 days. This information can be used to see if your device's vulnerability count is improving.
Vulnerability Database	Displays a table that gives an extensive breakdown of the vulnerabilities on devices. For the SKYWATCH WEB the refresh rate is once every day. The information represents data from the last 30 days. This information can be used to show in great detail how severe the vulnerabilities are and what machine these vulnerabilities exist on. You can also click on action to create a case on the intranet or whitelist the vulnerability.
REPORT	This action button will generate a MSS-VM REPORT based on the data of the dashboard with the corresponding TLP AMBER designation.