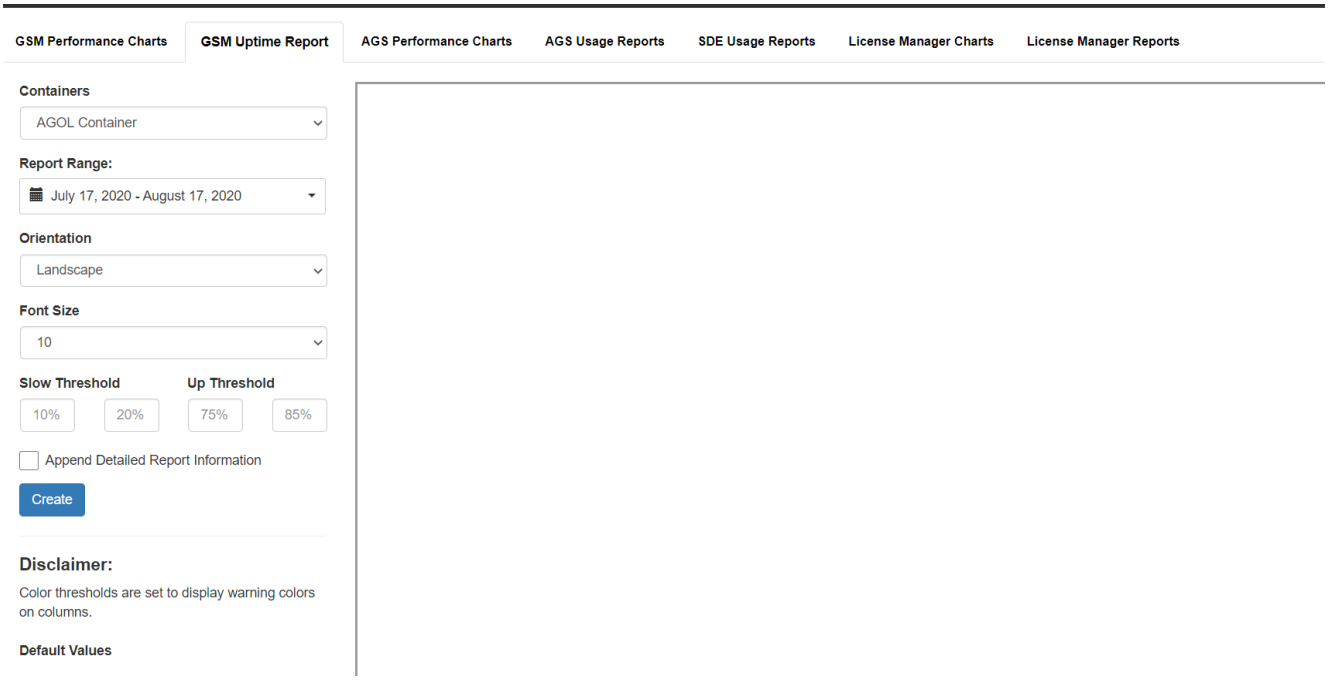
GSM Uptime Report

The initial view of the charts and reports module includes seven tabbed focus areas. The second of these is the **GSM Uptime Report** area.



This is a report and is selectable on a container basis. The reporting is done off the historical Database (enabled under settings/engine/history enabled)

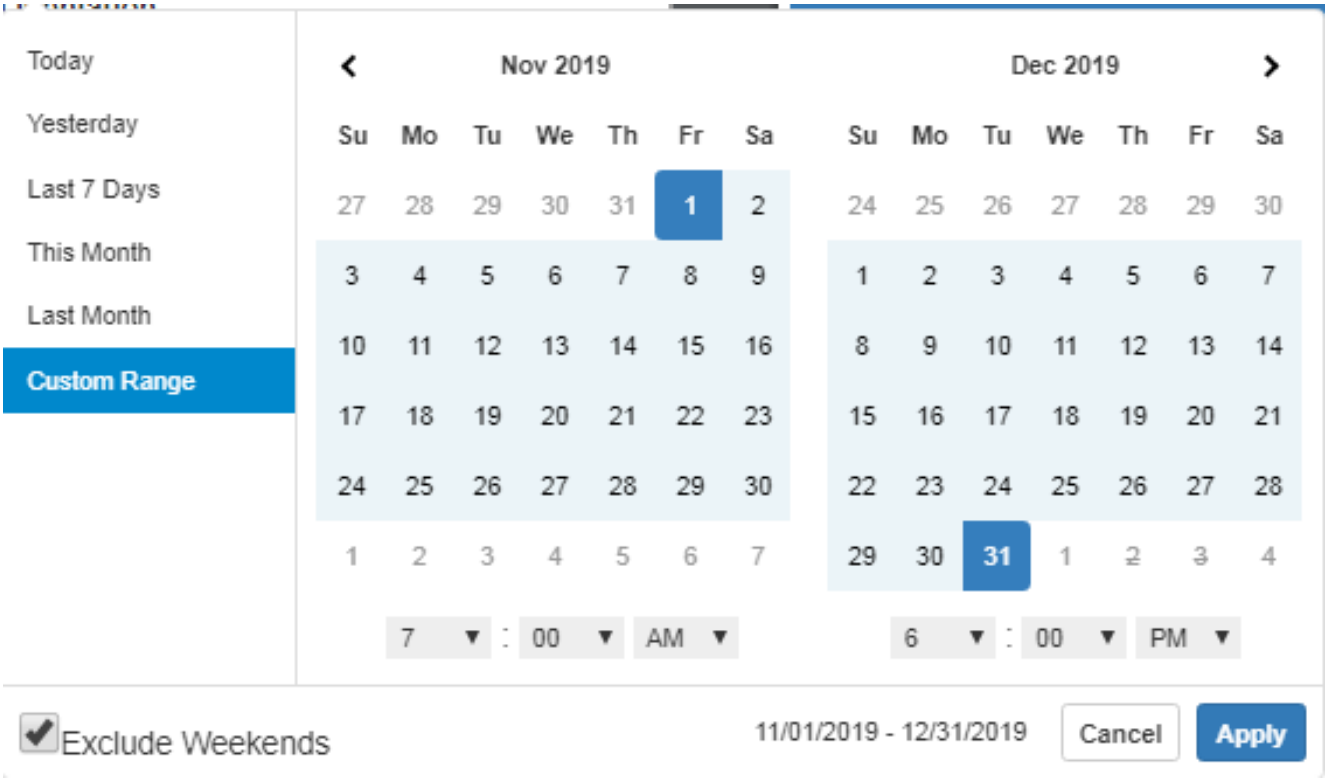
Uptime reporting has been made flexible, as different institutions have different uptime requirements.

Containers - from the drop down menu, select the Container you want to report on.

Report Range - Select the date range, business hours, and if needed exclude weekends in the report.

(Custom date ranges are selected by selecting the starting month, clicking on the first day, scrolling through the months and select the end day.)

*** Be aware that long date ranges can take awhile for the report to finish



Click **Apply** for the settings to take effect and the window closes.

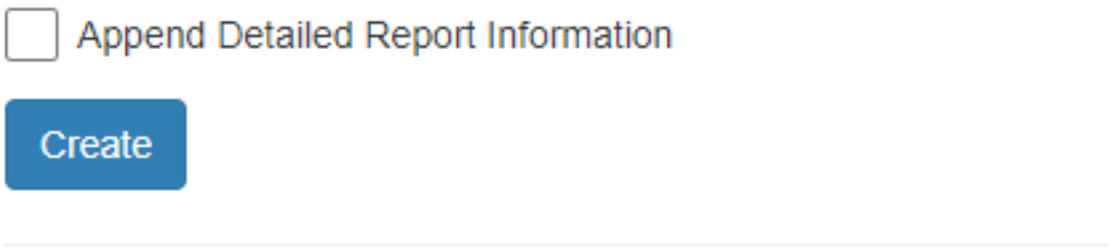
The **Orientation** option allows the standard **Portrait** or **Landscape**. For most cases, the default portrait orientation will suffice. Use landscape orientation in cases where vendor, manager, or computer names are very long.

The **Font Size** option is also present to assist with cases of very long names. If you find your service names being truncated by an ellipsis '...', then try lowering the font size.

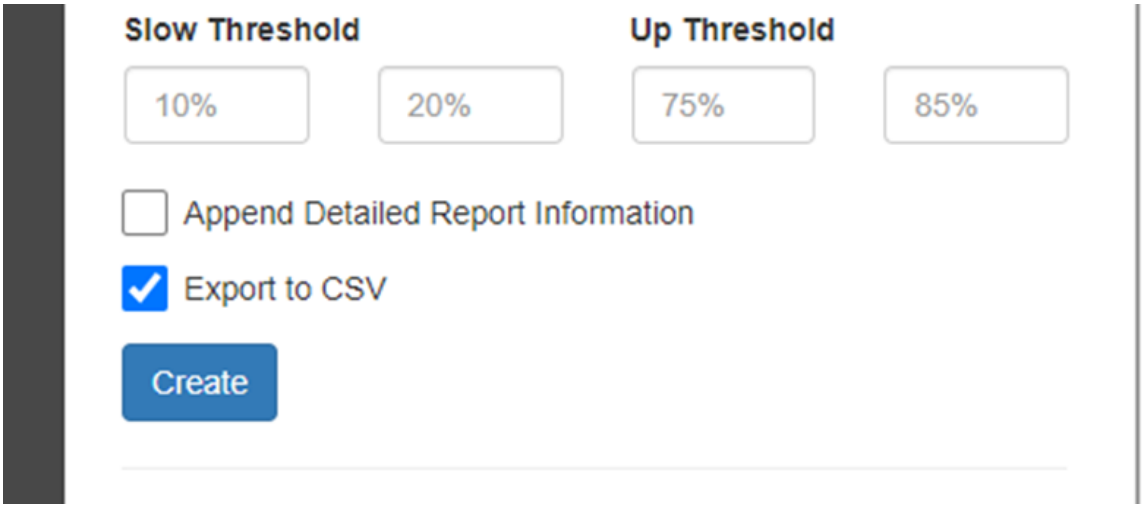
Threshold(s) - These are changeable and are for easy identification within the report for possible issues or needed attention.



Detailed Disclaimer - option to append detailed information about reporting columns



Note: If you are on version 4.2.0 you will now see the option to export to a CSV file as shown in the screenshot below.



Create - to generate the report

Columns -

Monitor	Total Counts	Down	Host Down	Slow / Warning	Up	Down %	Slow / Warning %	Up %
(2) Host Check-Host Check - 5	4,160	0	0	0	4,160	0%	0%	100%
(3) AGS Usage Check-AGS Usage Check - 2 / 60	360	0	0	0	360	0%	0%	100%

Monitor - name of check within the container. Left hand number is the point number within the container. Numbers after description - 2 / 60, means this point is **dependent on point #2 (host check)** and runs every 60 minutes.

Total counts - How many times this point ran during the Report Range selected.

Down - How many times this point was down during the Report Range selected.

Host Down - Added additional down counts if needed when the **dependent ID reported down**. If the dependent ID was down 3 times and ran every 5 min, and this point runs every 15 min, an additional 1 host down count will be added to this point because this point didn't attempt to run and probably would have been down.

Slow / Warning - How many times this point was slow or warning during the Report Range selected.

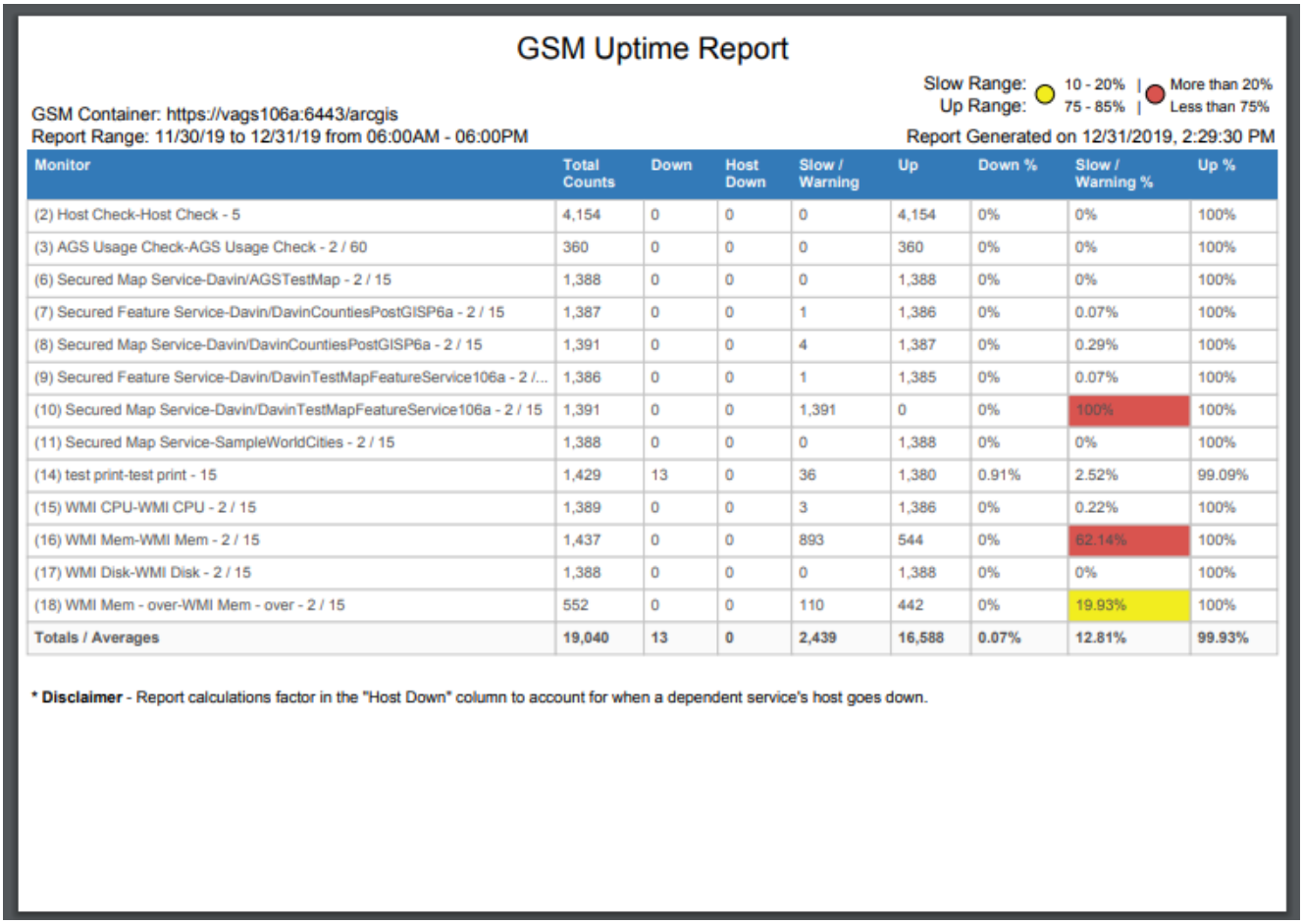
Up - How many times this point was Up during the Report Range selected.

Down % - Percentage of time this point was down during the Report Range selected.

Slow / Warning % - Percentage of time this point was Slow or Warning during the Report Range selected.

Up - Percentage of time this point was up during the Report Range selected.

The image below is an example output in Google Chrome (**without** the Detailed Report Information)



GSM Uptime Report

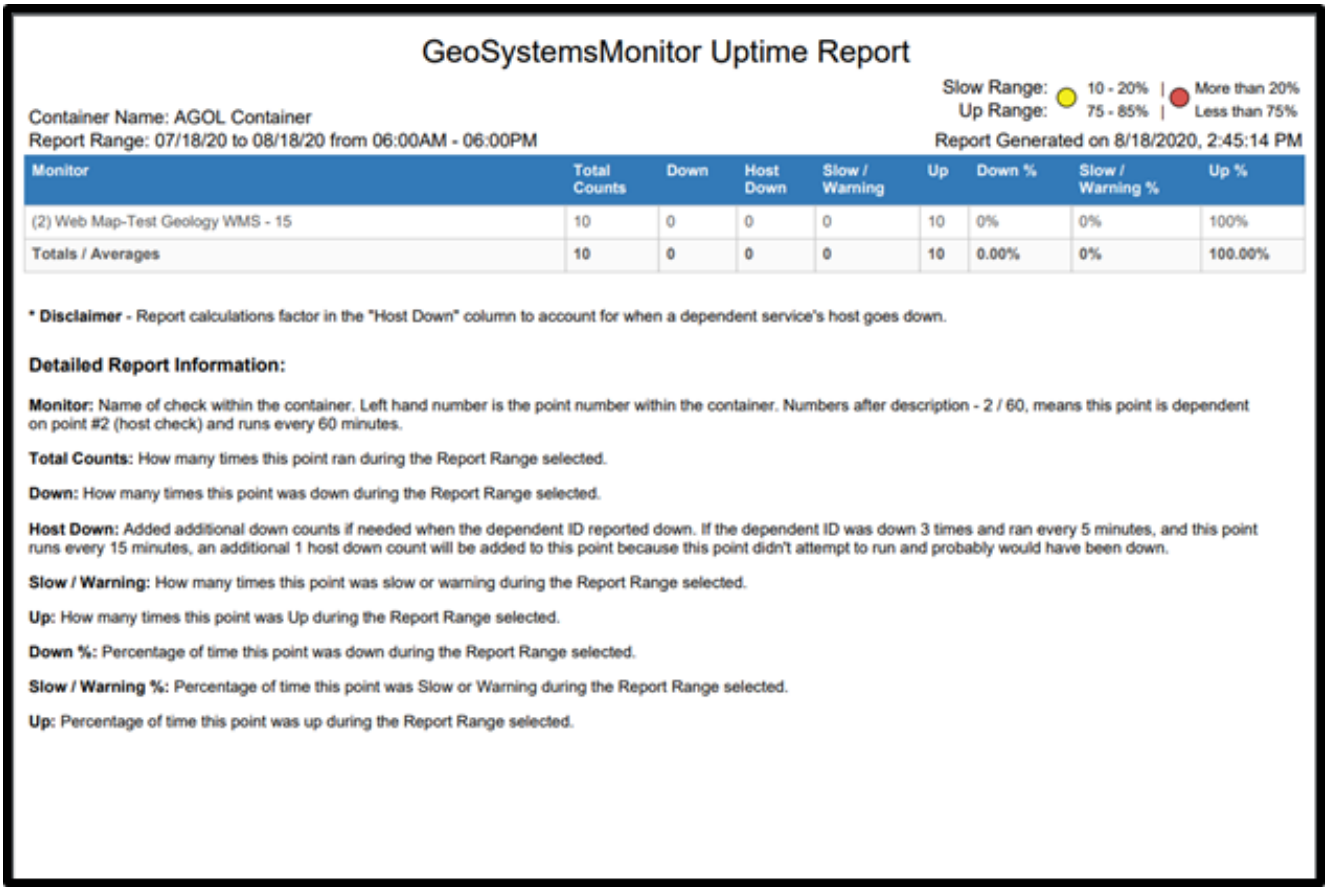
Slow Range: 10 - 20% | More than 20%
Up Range: 75 - 85% | Less than 75%

GSM Container: https://vags106a:6443/arcgis
Report Range: 11/30/19 to 12/31/19 from 06:00AM - 06:00PM
Report Generated on 12/31/2019, 2:29:30 PM

Monitor	Total Counts	Down	Host Down	Slow / Warning	Up	Down %	Slow / Warning %	Up %
(2) Host Check-Host Check - 5	4,154	0	0	0	4,154	0%	0%	100%
(3) AGS Usage Check-AGS Usage Check - 2 / 60	360	0	0	0	360	0%	0%	100%
(6) Secured Map Service-Davin/AGSTestMap - 2 / 15	1,388	0	0	0	1,388	0%	0%	100%
(7) Secured Feature Service-Davin/DavinCountiesPostGISP6a - 2 / 15	1,387	0	0	1	1,386	0%	0.07%	100%
(8) Secured Map Service-Davin/DavinCountiesPostGISP6a - 2 / 15	1,391	0	0	4	1,387	0%	0.29%	100%
(9) Secured Feature Service-Davin/DavinTestMapFeatureService106a - 2 /...	1,386	0	0	1	1,385	0%	0.07%	100%
(10) Secured Map Service-Davin/DavinTestMapFeatureService106a - 2 / 15	1,391	0	0	1,391	0	0%	100%	100%
(11) Secured Map Service-SampleWorldCities - 2 / 15	1,388	0	0	0	1,388	0%	0%	100%
(14) test print-test print - 15	1,429	13	0	36	1,380	0.91%	2.52%	99.09%
(15) WMI CPU-WMI CPU - 2 / 15	1,389	0	0	3	1,386	0%	0.22%	100%
(16) WMI Mem-WMI Mem - 2 / 15	1,437	0	0	893	544	0%	62.14%	100%
(17) WMI Disk-WMI Disk - 2 / 15	1,388	0	0	0	1,388	0%	0%	100%
(18) WMI Mem - over-WMI Mem - over - 2 / 15	552	0	0	110	442	0%	19.93%	100%
Totals / Averages	**19,040**	**13**	**0**	**2,439**	**16,588**	**0.07%**	**12.81%**	**99.93%**

*** Disclaimer** - Report calculations factor in the "Host Down" column to account for when a dependent service's host goes down.

The image below is an example output in Google Chrome (**with** the Detailed Report Information)



GeoSystemsMonitor Uptime Report

Slow Range: 10 - 20% | More than 20%
Up Range: 75 - 85% | Less than 75%

Container Name: AGOL Container
Report Range: 07/18/20 to 08/18/20 from 06:00AM - 06:00PM
Report Generated on 8/18/2020, 2:45:14 PM

Monitor	Total Counts	Down	Host Down	Slow / Warning	Up	Down %	Slow / Warning %	Up %
(2) Web Map-Test Geology WMS - 15	10	0	0	0	10	0%	0%	100%
Totals / Averages	**10**	**0**	**0**	**0**	**10**	**0.00%**	**0%**	**100.00%**

*** Disclaimer** - Report calculations factor in the "Host Down" column to account for when a dependent service's host goes down.

Detailed Report Information:

Monitor: Name of check within the container. Left hand number is the point number within the container. Numbers after description - 2 / 60, means this point is dependent on point #2 (host check) and runs every 60 minutes.

Total Counts: How many times this point ran during the Report Range selected.

Down: How many times this point was down during the Report Range selected.

Host Down: Added additional down counts if needed when the dependent ID reported down. If the dependent ID was down 3 times and ran every 5 minutes, and this point runs every 15 minutes, an additional 1 host down count will be added to this point because this point didn't attempt to run and probably would have been down.

Slow / Warning: How many times this point was slow or warning during the Report Range selected.

Up: How many times this point was Up during the Report Range selected.

Down %: Percentage of time this point was down during the Report Range selected.

Slow / Warning %: Percentage of time this point was Slow or Warning during the Report Range selected.

Up: Percentage of time this point was up during the Report Range selected.

Article ID: 469

Last updated: 13 Jul, 2023

Revision: 10

GeoSystems Monitor Enterprise -> Product Guide v4.1 - 4.2.1 -> Charts & Reports -> GSM Uptime Report

http://www.vestra-docs.com/index.php?View=entry&EntryID=469