



# Monitor your GIS System Health with ArcGIS Monitor

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MPS



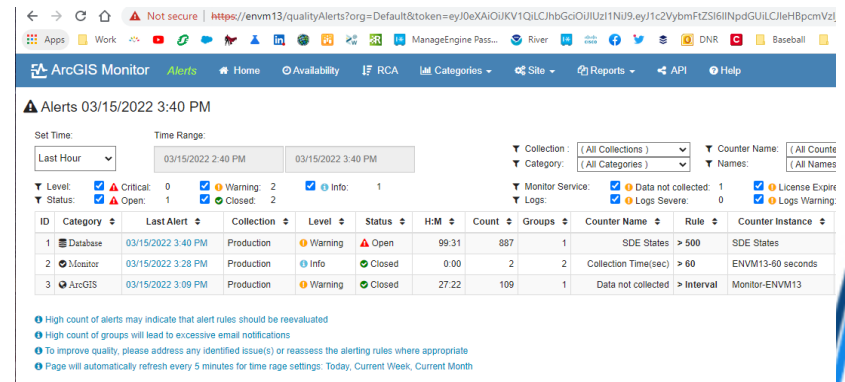
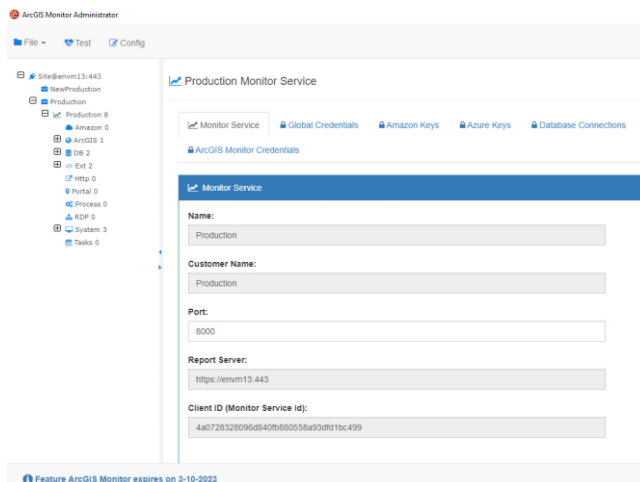
# What is ArcGIS Monitor?

- Helps you monitor the health of your ArcGIS enterprise deployment
  - How many licenses do I have and who has them checked out?
  - What web services are stopped on my ArcGIS server?
  - Is my CPU or RAM exceeding a certain percentage of use?
  - Can send you e-mail alerts when a criteria is met to help prevent unplanned downtime
    - Ex. Your D: drive on your ArcGIS server has less than 1 GB of space remaining
    - Ex. The ArcGIS server service has stopped
  - Reports and other analytics that highlight where your ArcGIS Enterprise may have issues.



# ArcGIS Monitor Key Components

- [ArcGIS Monitor Administrator](#)—Allows you to manage services and counters and perform administrative tasks
- [ArcGIS Monitor Server application](#)—Provides a web-based interface for analyzing alerts and viewing metrics

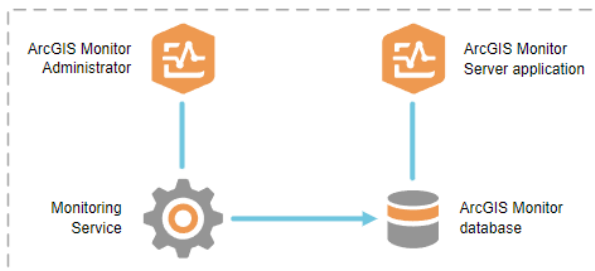


# ArcGIS Monitor Installation

## Centralized deployment

In this deployment, ArcGIS Monitor Administrator and the ArcGIS Monitor Server application (with MongoDB) are installed on the same machine. This is the preferred option if there's marginal network latency between ArcGIS Monitor Administrator and the target environment from which the counters are collecting data.

### Monitoring and reporting



<https://enterprise.arcgis.com/en/monitor/10.8/install/deployment-scenarios.htm>

# Configuration with ArcGIS Monitor Administrator

1. [Create a connection to the ArcGIS Monitor Server application.](#)
2. [Register a collection.](#)
3. [Add a monitor service.](#)
4. [Set Windows service permissions.](#)
5. [Add a counter.](#)
6. Configure [alerts](#) and [email notifications](#).
7. [View and analyze alerts and export reports.](#)

<https://enterprise.arcgis.com/en/monitor/10.8/administration/set-up-arcgis-monitor.htm>



# ArcGIS Monitor Glossary

ArcGIS Enterprise Portal Servers Data Stores Cloud Apps

## ArcGIS Monitor

Home Get Started Administration Reports

Reports / Glossary

- > ArcGIS Monitor Server application
  - ▼ Glossary
    - Alerts glossary
    - Counter status view glossary
    - Statistics glossary
    - Exported reports glossary

### Alerts glossary

ArcGIS 10.8.x | [Other versions](#) | [Help archive](#)

The following sections provide you with table column names and descriptions for the Alerts and the Root Cause Analysis reports pages in the ArcGIS Monitor Server application.

### Alerts page

The following table contains descriptions for the columns displayed on the **Alerts** page in the Monitor Server application:

Column name	Description
ID	Unique identifying number for the alert.
Category	The report in which the alert can be found, such as Web, ArcGIS, or Infrastructure.
Last Alert	The last time the alert was opened in a given time range.
Collection	The name of the collection in which the alert can be found.

<https://enterprise.arcgis.com/en/monitor/10.8/reports/alerts-glossary.htm>



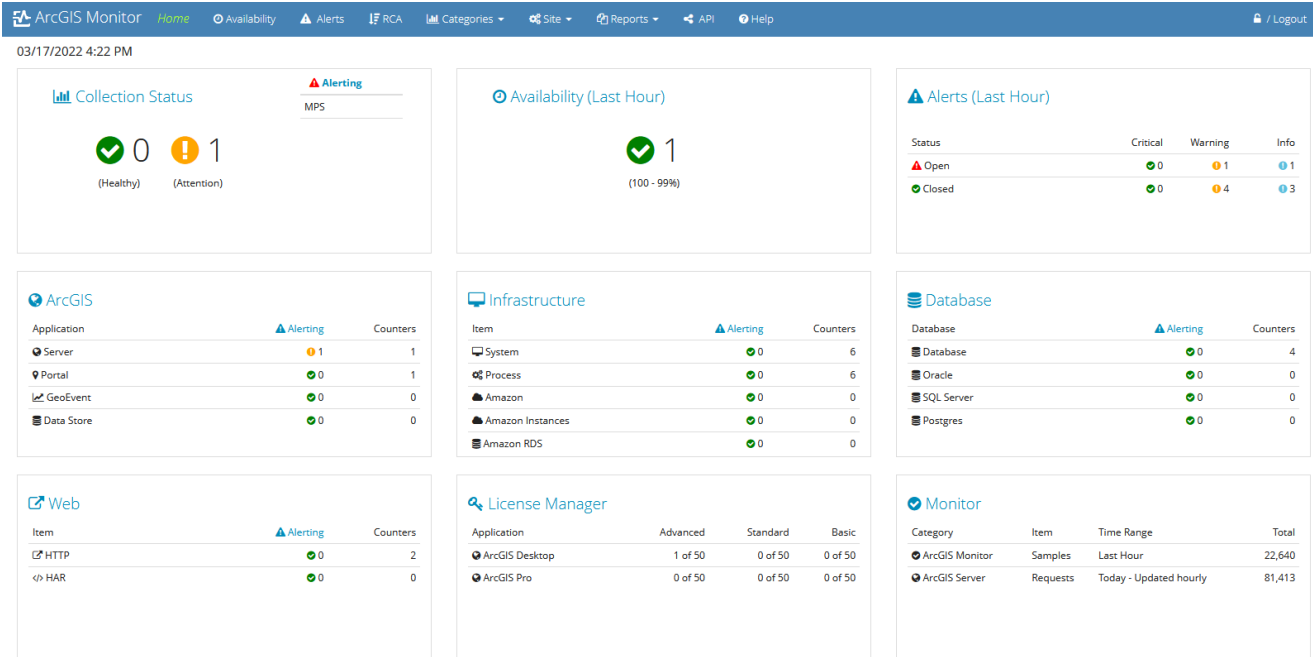
# Demo of ArcGIS Monitor Administrator

The screenshot displays the ArcGIS Monitor Administrator web interface. The top navigation bar includes a 'File' menu, 'Test', and 'Config' options. A left-hand navigation pane shows a tree view of the environment, including 'Site@envm13:443', 'NewProduction', 'Production', and various sub-services like 'Amazon 0', 'ArcGIS 1', 'DB 2', 'Ext 2', 'Http 0', 'Portal 0', 'Process 0', 'RDP 0', 'System 3', and 'Tasks 0'. The main content area is titled 'Production Monitor Service' and features several tabs: 'Monitor Service' (selected), 'Global Credentials', 'Amazon Keys', 'Azure Keys', and 'Database Connections'. Under the 'Monitor Service' tab, there is a sub-section for 'ArcGIS Monitor Credentials'. The configuration form includes the following fields:

- Name:** Production
- Customer Name:** Production
- Port:** 8000
- Report Server:** https://envm13:443
- Client ID (Monitor Service Id):** 4a0728328096d840fb880558a93dfd1bc499

At the bottom of the interface, a status bar indicates: **Feature ArcGIS Monitor expires on 3-10-2023**

# ArcGIS Monitor Server Application





# ArcGIS Monitor

## Alerts 03/17/2022 4:23 PM

Set Time: Time Range: Last Hour 03/17/2022 3:23 PM 03/17/2022 4:23 PM

Collection: (All Collections) Counter Name: (All Counter Names)  
 Category: (All Categories) Names: (All Names)

Level:  Critical: 0  Warning: 6  Info: 4  
 Status:  Open: 3  Closed: 7

Monitor Service:  Data not collected: 1  License Expires: 0  
 Logs:  Logs Severe: 1  Logs Warning: 2

Search:

ID	Category	Last Alert	Collection	Level	Status	H:M	Count	Groups	Counter Name	Rule	Counter Instance	Name	Comments	Counter Type	Int(min)
1	Extension	03/17/2022 4:23 PM	MPS	Warning	Open	1,476:21	9	1	Code	<= 0	Validation	ArcSOC Optimizer Mps-Gis04	Failed Exit code or running program	Task - ArcSOC Optimizer	10,020
2	Infrastructure	03/17/2022 4:23 PM	MPS	Warning	Open	11,278:57	676,736	1	Data not collected	> Interval	Monitor-MPS-GISMONITOR	MPS-LM01-FNPLicensingService	Item not running or behind schedule	Process	1
3	ArcGIS	03/17/2022 4:23 PM	MPS	Info	Open	0:05	1	1	Log-SEVERE	> 0	Summary	MPS-GIS04	Check ArcGIS Enterprise logs	ArcGIS	15
4	Monitor	03/17/2022 4:22 PM	MPS	Info	Closed	0:01	1	1	Collection Time(sec)	> 60	MPS-GISMONITOR-60 seconds	Production 01-60 seconds		Monitor	1
5	Infrastructure	03/17/2022 4:21 PM	MPS	Warning	Closed	0:00	1	1	% Processor Time	> 85	_Total	MPS-GisDataStore	High processor utilization	System	1
6	Infrastructure	03/17/2022 4:21 PM	MPS	Warning	Closed	0:03	1	1	% Processor Time	> 85	_Total	MPS-Portal	High processor utilization	System	1
7	Web	03/17/2022 4:20 PM	MPS	Warning	Closed	0:11	12	9	Response Time(sec)	> 3	Portal Token Generation	Portal Token Generation	Slow HTTP performance	Http	1
8	ArcGIS	03/17/2022 4:03 PM	MPS	Info	Closed	0:45	3	2	Log-WARNING	> 0	Summary	MPS-GIS04	Check ArcGIS Enterprise logs	ArcGIS	15
9	ArcGIS	03/17/2022 3:49 PM	MPS	Info	Closed	0:15	1	1	Log-WARNING	> 0	Summary	MPS-Portal	Check ArcGIS Enterprise logs	Portal	15
10	Infrastructure	03/17/2022 3:29 PM	MPS	Warning	Closed	0:01	1	1	% Processor Time	> 85	_Total	MPS-GIS04	High processor utilization	System	1

- High count of alerts may indicate that alert rules should be reevaluated
- High count of groups will lead to excessive email notifications
- To improve quality, please address any identified issue(s) or reassess the alerting rules where appropriate
- Page will automatically refresh every 5 minutes for time range settings: Today, Current Week, Current Month



# ArcGIS Monitor

## Root Cause Analysis Reports 03/17/2022 4:23 PM

Set Timer:  Time Range:

Current Week  03/13/2022 12:00 AM  03/17/2022 4:23 PM

Collection:  Reports:

Bins:

Use this root cause analysis report to categorize alerts into impacts and sources

Bin	Type	Tier	Start Time	End Time	Min	Level	Counter Name	Rule	Counter Instance	Name	Counter Type	Comments
0	Impact	Web	03/17/2022 4:20 PM	03/17/2022 4:30 PM	10	Warning	Response Time(sec)	> 3	Portal Token Generation	Portal Token Generation	Http	Slow HTTP performance
	Impact	ArcGIS		03/17/2022 4:30 PM	10	Warning	Code	<= 0	Validation	ArcSOC Optimizer Mps-Gis04	Task - ArcSOC Optimizer	Failed Exit code or running program
	Source	Infrastructure		03/17/2022 4:30 PM	10	Warning	% Processor Time	> 85	_Total	MPS-Portal	System	High processor utilization
	Source	Infrastructure		03/17/2022 4:30 PM	10	Warning	% Processor Time	> 85	_Total	MPS-GisDataStore	System	High processor utilization
1	Impact	Web	03/17/2022 4:10 PM	03/17/2022 4:20 PM	10	Warning	Response Time(sec)	> 3	Portal Token Generation	Portal Token Generation	Http	Slow HTTP performance
	Impact	Web		03/17/2022 4:20 PM	10	Warning	Response Time(sec)	> 3	Portal Token Generation	Portal Token Generation	Http	Slow HTTP performance
	Impact	ArcGIS		03/17/2022 4:20 PM	10	Warning	Code	<= 0	Validation	ArcSOC Optimizer Mps-Gis04	Task - ArcSOC Optimizer	Failed Exit code or running program
	Source	Infrastructure		03/17/2022 4:20 PM	10	Warning	% Processor Time	> 85	_Total	MPS-Portal	System	High processor utilization
2	Impact	Web	03/17/2022 3:20 PM	03/17/2022 3:30 PM	10	Warning	Response Time(sec)	> 3	Portal Token Generation	Portal Token Generation	Http	Slow HTTP performance
	Impact	Web		03/17/2022 3:30 PM	10	Warning	Response Time(sec)	> 3	Portal Token Generation	Portal Token Generation	Http	Slow HTTP performance
	Impact	ArcGIS		03/17/2022 3:30 PM	10	Warning	Code	<= 0	Validation	ArcSOC Optimizer Mps-Gis04	Task - ArcSOC Optimizer	Failed Exit code or running program



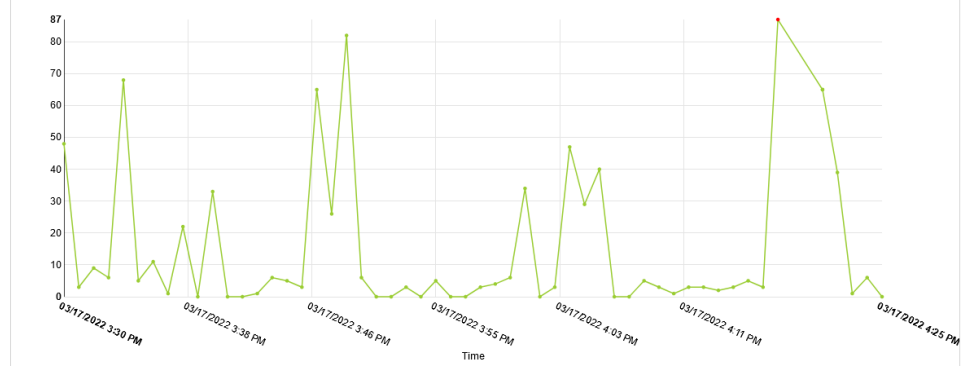
# ArcGIS Monitor

Alert View 03/17/2022 4:25 PM

03/17/2022 3:30 PM 03/17/2022 5:00 PM OK 6 Hours 12 Hours Day Week

## % Processor Time

Chart Resolution: real-time value at collection interval when query less than 12 hrs



Statistics: both chart and table reflect true statistics like min, max, percentile

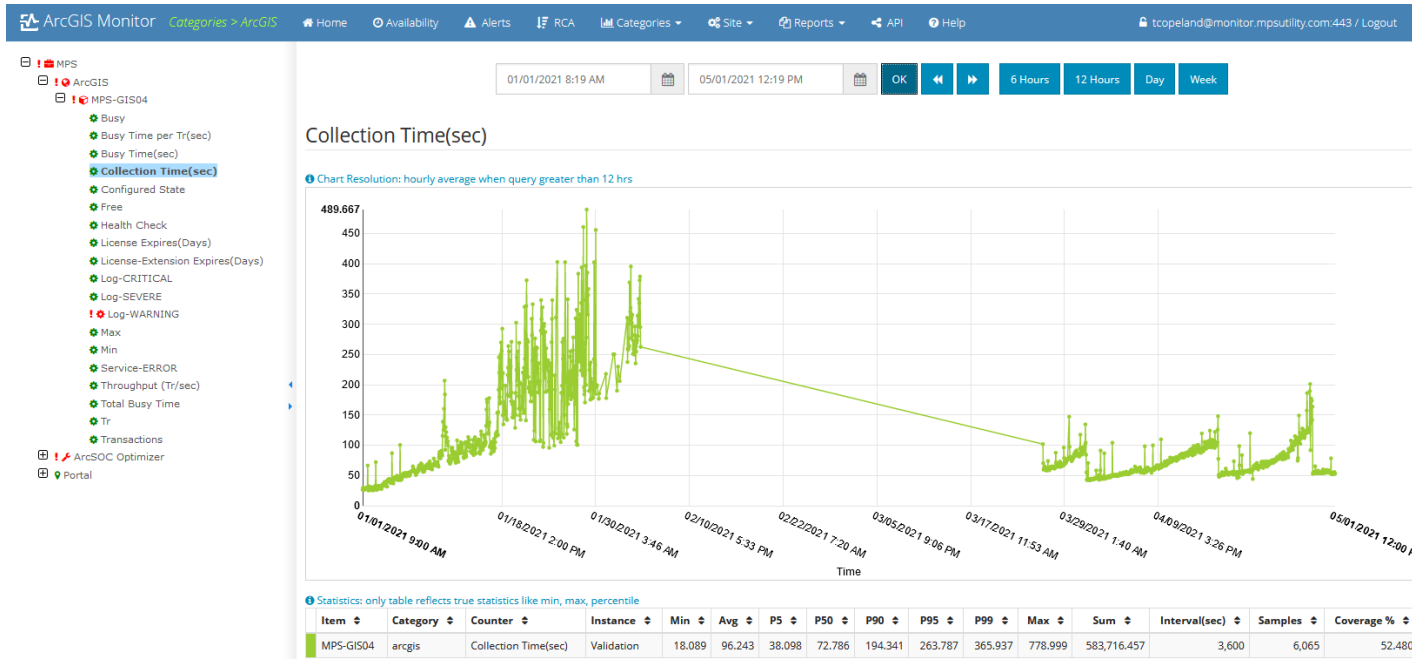
Item	Category	Counter	Instance	Min	Avg	P5	P50	P90	P95	P99	Max	Sum	Interval(sec)	Samples	Coverage %
MPS-Portal	Processor	% Processor Time	_Total	0.000	15.727	0.000	4.000	65.000	68.000	87.000	87.000	865.000	60	55	100.000

### Item Details

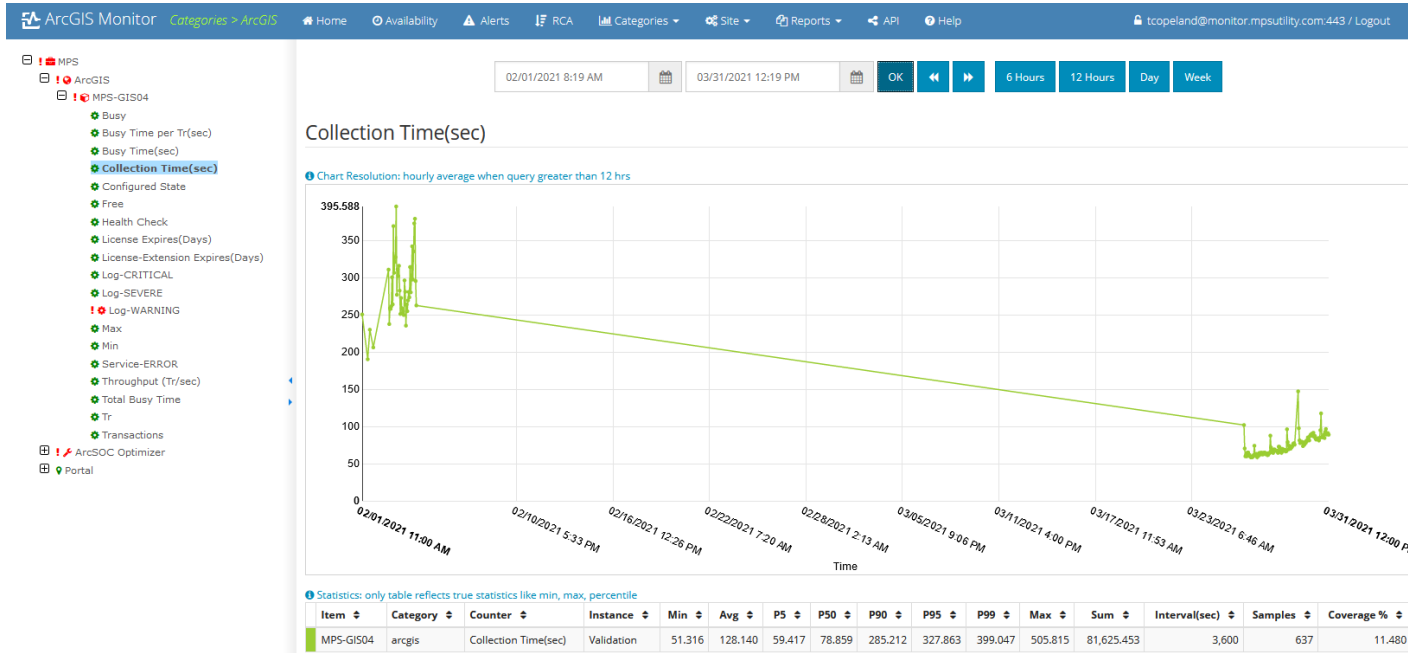
Collection: MPS  
 Name: MPS-Portal  
 Last Alert: 03/17/2022 4:30 PM  
 Category: Infrastructure  
 Type: System  
 Counter Name: % Processor Time  
 Counter Category: Processor  
 Counter Instance: \_Total



# ArcGIS Monitor



# ArcGIS Monitor



# ArcGIS Monitor

ArcGIS Monitor *Categories > ArcGIS* Home Availability Alerts RCA Categories Site Reports API Help tccopeland@monitor.mpsutility.com:443 / Logout

- MPS
  - ArcGIS
    - MPS-GIS04
      - Busy
      - Busy Time per Tr(sec)
      - Busy Time(sec)
      - Collection Time(sec)**
      - Configured State
      - Free
      - Health Check
      - License Expires(Days)
      - License-Extension Expires(Days)
      - Log-CRITICAL
      - Log-SEVERE
      - Log-WARNING
      - Max
      - Min
      - Service-ERROR
      - Throughput (Tr/sec)
      - Total Busy Time
      - Tr
      - Transactions
    - ArcSOC Optimizer
    - Portal

02/05/2021 8:19 AM 03/25/2021 12:00 AM OK << >> 6 Hours 12 Hours Day Week

### Collection Time(sec)

Chart Resolution: hourly average when query greater than 12 hrs

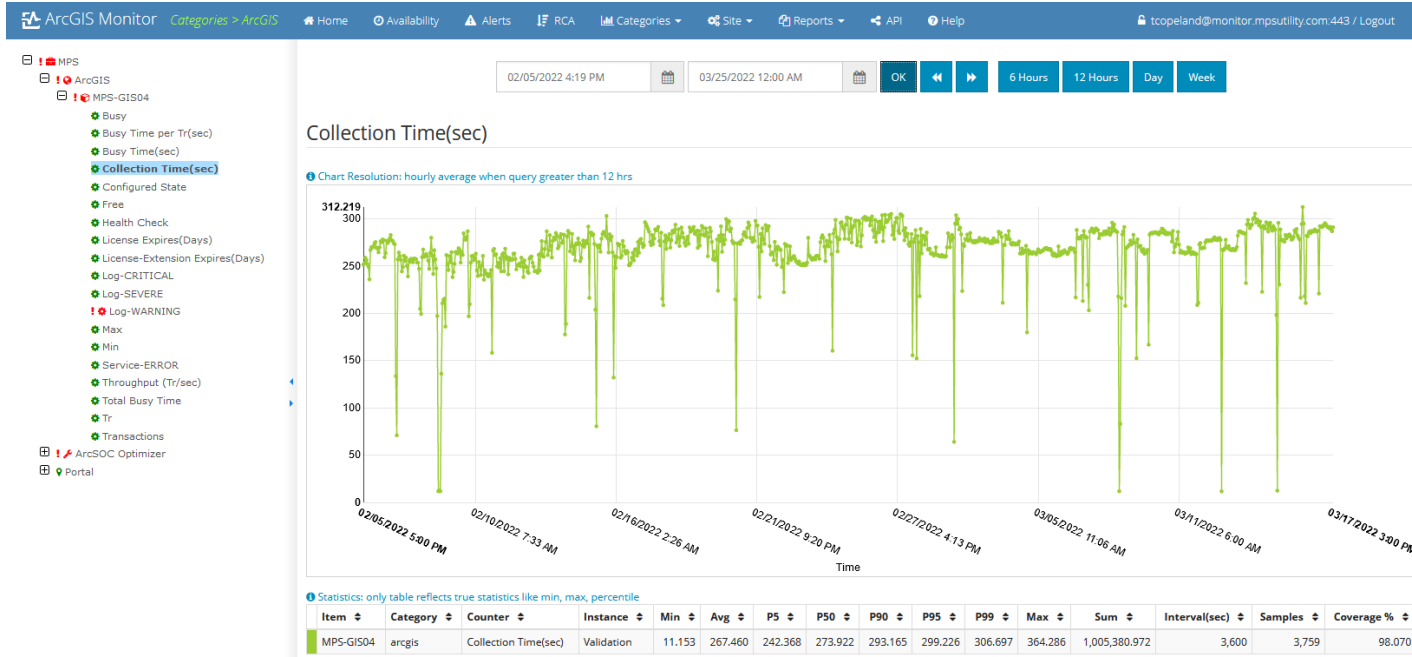
No Data Available.

Statistics: only table reflects true statistics like min, max, percentile

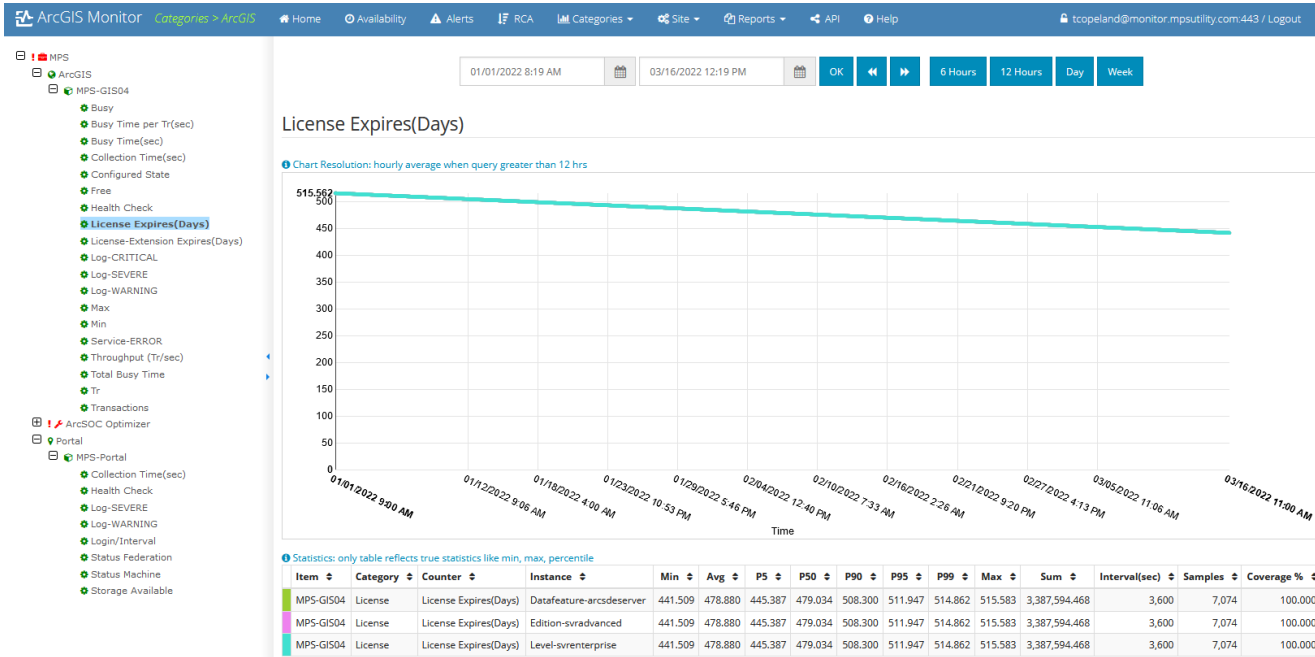
Item	Category	Counter	Instance	Min	Avg	P5	P50	P90	P95	P99	Max	Sum	Interval(sec)	Samples	Coverage%
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# ArcGIS Monitor

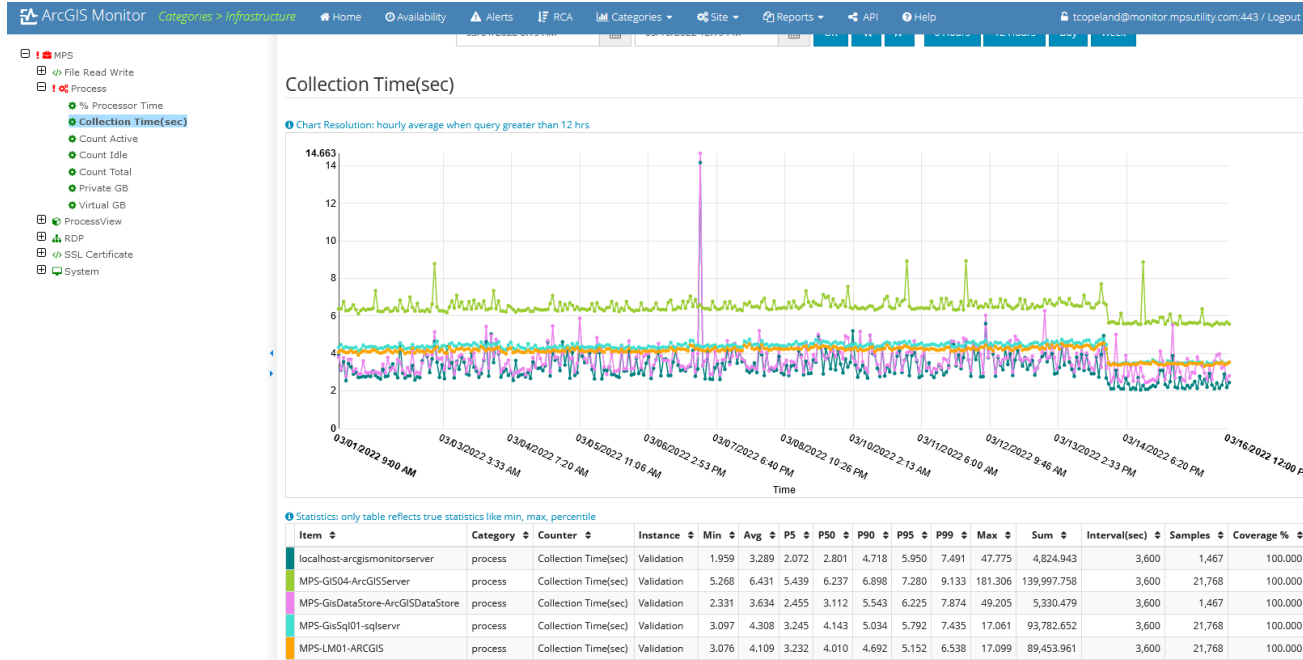


# ArcGIS Monitor

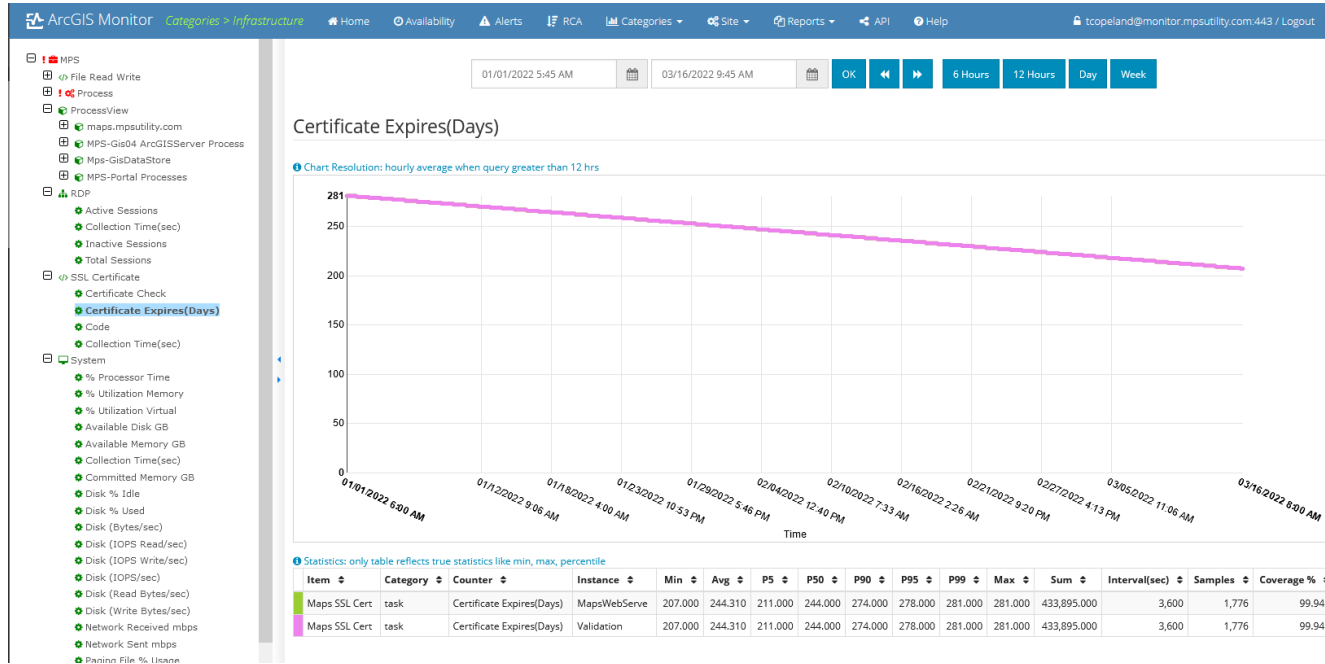




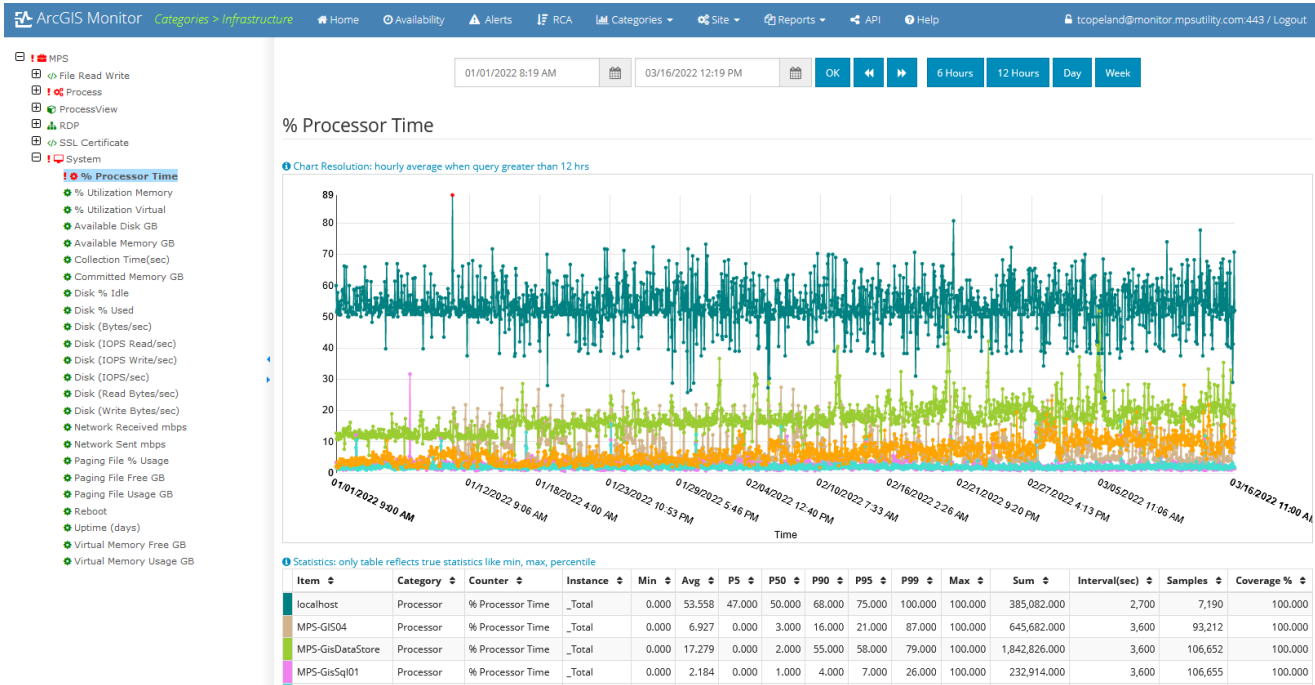
# ArcGIS Monitor



# ArcGIS Monitor



# ArcGIS Monitor

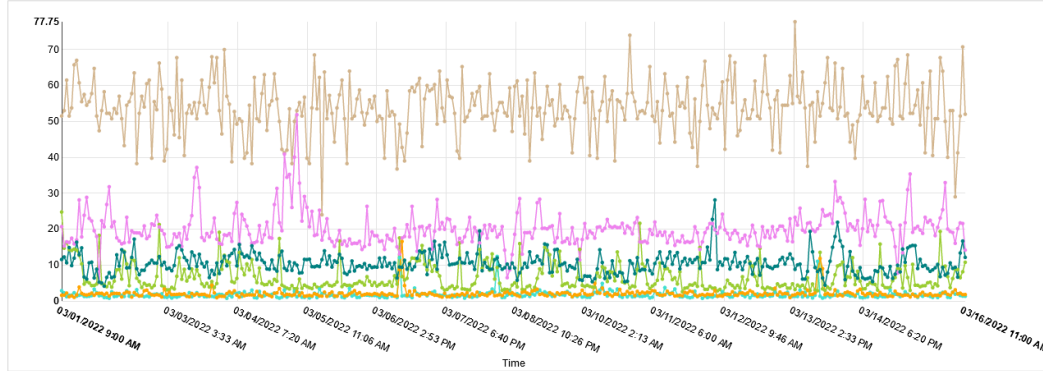


# ArcGIS Monitor

- ! MPS
- File Read Write
- Process
- ProcessView
- RDP
- SSL Certificate
- System
- % Processor Time**
- % Utilization Memory
- % Utilization Virtual
- Available Disk GB
- Available Memory GB
- Collection Time(sec)
- Committed Memory GB
- Disk % Idle
- Disk % Used
- Disk (Bytes/sec)
- Disk (IOPS Read/sec)
- Disk (IOPS Write/sec)
- Disk (IOPS/sec)
- Disk (Read Bytes/sec)
- Disk (Write Bytes/sec)
- Network Received mbps
- Network Sent mbps
- Paging File % Usage
- Paging File Free GB
- Paging File Usage GB
- Reboot
- Uptime (days)
- Virtual Memory Free GB
- Virtual Memory Usage GB

## % Processor Time

Chart Resolution: hourly average when query greater than 12 hrs

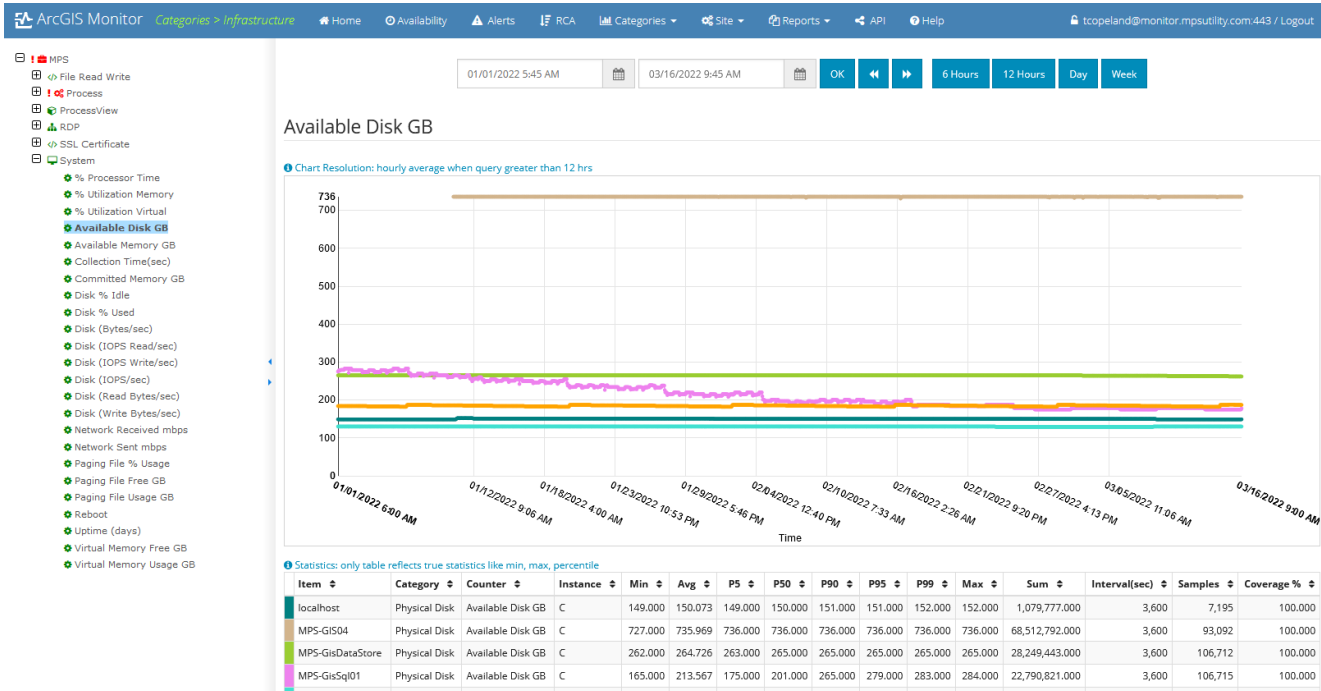


Statistics: only table reflects true statistics like min, max, percentile

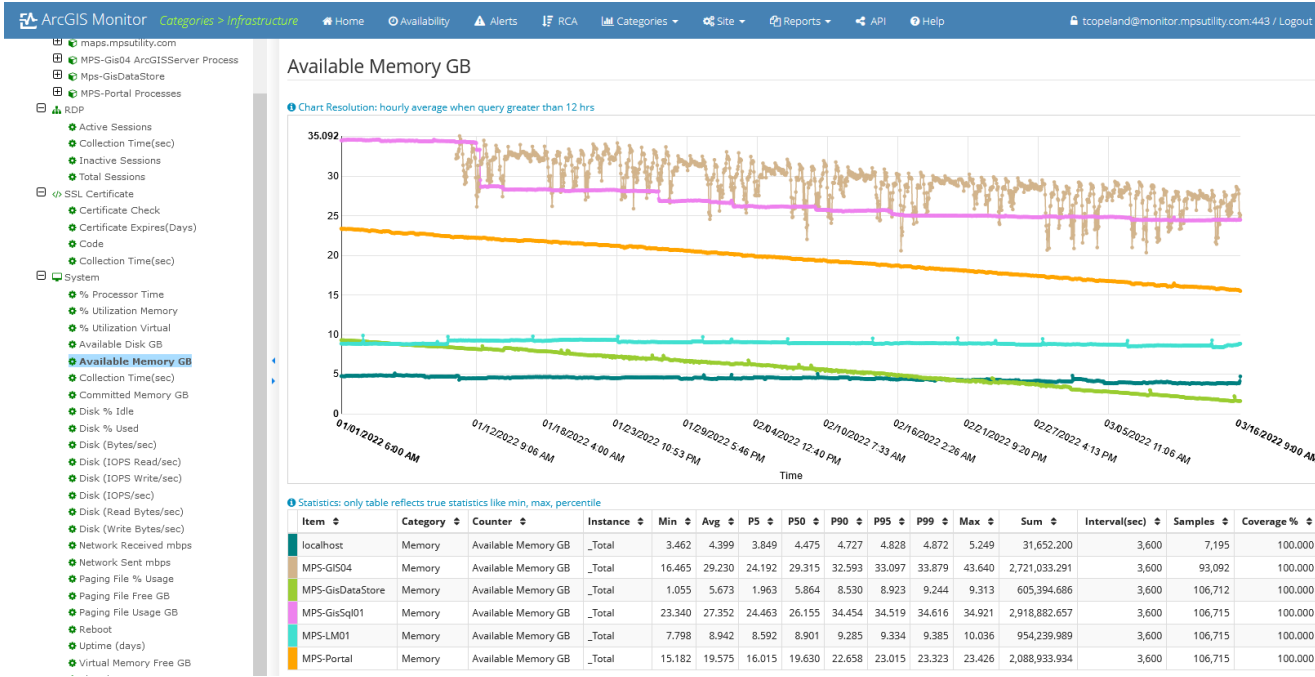
Item	Category	Counter	Instance	Min	Avg	P5	P50	P90	P95	P99	Max	Sum	Interval(sec)	Samples	Coverage %
localhost	Processor	% Processor Time	_Total	0.000	53.690	37.000	53.000	69.000	78.000	100.000	100.000	78,495,000	2,700	1,462	100.000
MPS-GIS04	Processor	% Processor Time	_Total	0.000	6.576	0.000	2.000	14.000	21.000	71.000	100.000	142,764,000	3,600	21,709	100.000
MPS-GisDataStore	Processor	% Processor Time	_Total	0.000	20.087	0.000	3.000	52.000	61.000	100.000	100.000	436,074,000	3,600	21,709	100.000
MPS-GisSql01	Processor	% Processor Time	_Total	0.000	1.727	0.000	1.000	4.000	5.000	22.000	100.000	37,498,000	3,600	21,709	100.000
MPS-LM01	Processor	% Processor Time	_Total	0.000	2.057	0.000	1.000	4.000	7.000	19.000	98.000	44,652,000	3,600	21,709	100.000
MPS-Portal	Processor	% Processor Time	_Total	0.000	10.432	0.000	3.000	36.000	60.000	88.000	100.000	226,458,000	3,600	21,709	100.000



# ArcGIS Monitor



# ArcGIS Monitor



# ArcGIS Monitor

ArcGIS Monitor Site > Catalog Home Availability Alerts RCA Categories Site Reports API Help tcopeland@monitor.mpsutility.com:443 / Logout

- MPS
  - ArcGIS 1
    - MPS-GIS04 244
      - Basemaps 13
        - CoM 4
        - Electric 53
        - ElectricConsultants 1
        - EmergencyManagement 3
        - Facilities 3
        - GPSServices 27
        - Imagery 6
        - Korweb 4
        - Maps 32
          - MHPD 1
          - MPS-Fiber 1
          - Public 12
          - Root 2
          - System 24
          - Testing 15
          - Utilities 6
          - Water 37
        - Collector 4
        - DB 4
        - EXT 6
        - HTTP 2
        - Portal 1
        - Process 6
        - RDP 5
        - System 6
        - Tasks 2

### Collection Status

Alerting	Monitor	Name	Type	Interval	Last Update	Comments
▲	●	MPS-GIS04	ArcGIS	900	03/17/2022 4:18 PM	

Services Capabilities Pooling Usage Errors Site License

### Services

Alerting	Folder	Service	Cluster	Nodes	State	Check	Min Per Node	Max Per Node	Min Total	Max	Busy	Free	Errors
●	Root	AuthGP	default	1	Started	●	1	2	1	2	0	1	0
●	Root	SampleWorldCities	default	1	Stopped	●	1	1	1	1	0	0	0
●	Basemaps	Basemap_TEST	default	1	Stopped	●	2	2	2	2	0	0	0
●	Basemaps	Basemap_Test_Cache	default	1	Stopped	●	1	2	1	2	0	0	0
●	Basemaps	Minimal_Basemap	default	1	Started	●	1	6	1	6	0	4	0
●	Basemaps	MinimalBasemap_with_Roads	default	1	Started	●	4	4	4	4	0	3	0
●	Basemaps	MPSBasemapHybrid	default	1	Started	●	1	6	1	6	0	1	0
●	Basemaps	MPSBasemapHybrid_Dynamic	default	1	Started	●	1	6	1	6	0	0	0
●	Basemaps	MPSBasemapLightGrey	default	1	Started	●	1	12	1	12	0	0	0
●	Basemaps	MPSBasemapLightGrey_Dynamic	default	1	Stopped	●	1	12	1	12	0	0	0
●	Basemaps	MPSBasemapLightGrey_WebProjection_Dynamic	default	1	Started	●	2	6	2	6	0	1	0
●	Basemaps	MPSBasemapLightGrey_WGS84_Dynamic	default	1	Stopped	●	2	6	2	6	0	0	0
●	Basemaps	MPSBasemapLightGreyHybrid_WebProjection_Dynamic	default	1	Started	●	2	6	2	6	0	0	0



# ArcGIS Monitor

ArcGIS Monitor Site > Catalog Home Availability Alerts RCA Categories Site Reports API Help tcopeland@monitor.mpsutility.com:443 / Logout

- MPS
  - ArcGIS 1
    - MPS-GIS04 244
      - Basemaps 13
      - CoM 4
      - Electric 33
      - ElectricConsultants 1
      - EmergencyManagement 3
      - Facilities 3
      - GPSServices 27
      - Imagery 6
      - Korweb 4
      - Maps 32
      - MHFD 1
      - MPS-Fiber 1
      - Public 12
      - Root 2
      - System 24
      - Testing 15
      - Utilities 6
      - Water 37
    - Collector 4
    - DB 4
    - EXT 6
    - HTTP 2
    - Portal 1
    - Process 6
    - RDP 5
    - System 6
    - Tasks 2

### Collection Status

Alerting	Monitor	Name	Type	Interval	Last Update	Comments
▲	●	MPS-GIS04	ArcGIS	900	03/17/2022 4:18 PM	

Services Capabilities Pooling Usage Errors Site License

### Usage

Alerting	Folder	Service	Cluster	Throughput (Tr/sec)	Busy Time per Tr (sec)	Transactions	Max	Busy	Free	Errors
●	Summary	Summary (default)	default	3.399	2.690	8,842,265	0	0	183	0
●	Maps	AVL	default	1.742	0.013	7,608,082	8	0	8	0
●	Water	WaterDistGIS	default	0.195	0.044	570,095	16	0	13	0
●	Electric	ElectricDistribution	default	0.013	0.315	105,167	20	0	11	0
●	Basemaps	Minimal_Basemap	default	0.076	0.207	80,649	6	0	4	0
●	Electric	PoleReplacement	default	0.720	0.035	58,412	4	0	4	0
●	Water	WaterDistGIS_PrivateFacilities	default	0.088	0.290	49,562	8	0	6	0
●	Electric	ReportStreetlightProblem	default	0.334	0.075	37,018	12	0	12	0
●	Electric	MaintenanceIssue	default	0.210	0.019	13,022	2	0	2	0
●	Public	WaterDistGISPublic	default	0.016	0.014	11,503	4	0	1	0
●	System	PublishingToolsEx	default	0.001	0.601	8,761	6	0	1	0
●	Korweb	WaterDistGIS_Abandoned	default	0.001	0.209	2,516	2	0	1	0
●	Korweb	WaterDistGIS	default	0.001	0.156	2,510	2	0	1	0
●	Korweb	FiberDistGIS	default	0.001	0.196	1,981	2	0	1	0
●	Korweb	ElectricCAD	default	0.001	0.517	289	2	0	1	0





# ArcGIS Monitor

Portal Reports 03/16/2022 12:28 PM

Set Time: Time Range:

Collection:  ArcGIS Server:

Reports:

[Log WARNING Summary](#) [Download](#)

Machine	Code	Count	Messages
MPS-PORTAL.MPS.LOCAL	207077	8	<ul style="list-style-type: none"> <li>Failed to start the Offline Packaging service in the hosting server with URL 'https://mps-gis04.mps.local:6443/arcgis/admin/services/Utilities/OfflinePackaging/GPServer'. (1) The server at 'https://mps-gis04.mps.local:6443/arcgis/admin/services/Utilities/OfflinePackaging/GPServer/start' returned an error. Service failed to start</li> </ul>
MPS-PORTAL.MPS.LOCAL	208035	181	<ul style="list-style-type: none"> <li>The maximum number of licensed user types for user type creatorUT has been reached.</li> </ul>
MPS-PORTAL.MPS.LOCAL	217060	5	<ul style="list-style-type: none"> <li>The database server was found to be stopped. Re-starting it.</li> </ul>
MPS-PORTAL.MPS.LOCAL	219999	17	<ul style="list-style-type: none"> <li>Sign in error: Invalid username or password specified for 'tcopeland'.</li> <li>Sign in error: Invalid username or password specified for 'mps\jatkens'.</li> <li>Sign in error: Invalid username or password specified for 'mps\jatkens'.</li> <li>Sign in error: Invalid username or password specified for 'mps\tccopeland'.</li> <li>Sign in error: Invalid username or password specified for 'jatkens'.</li> <li>Sign in error: Invalid username or password specified for 'kleshovsky'.</li> <li>Failed to sync metadata to iteminfo for item '144f185261ea489ab513cb99e6160bd0'. java.lang.NullPointerException</li> </ul>



# ArcGIS Monitor

## ArcGIS Server Reports 03/16/2022 12:31 PM

Set Time:  Time Range:

Collection:  ArcGIS Server:

Reports:

[Log SEVERE Summary](#) [Download](#)

Machine	Code	Count	Messages
MPS-GIS04.MPS.LOCAL	7551	2	<ul style="list-style-type: none"> <li>Instance of the service 'Facilities/MPSFacilitiesMap.MapServer' crashed. Please see if an error report was generated in 'C:\arcgisserver\logs\MPS-GIS04.MPS.LOCAL\errorreports'. To send an error report to Esri, compose an e-mail to ArcGISErrorReport@esri.com and attach the error report file.</li> <li>Instance of the service 'Korweb/WaterDistGIS.MapServer' crashed. Please see if an error report was generated in 'C:\arcgisserver\logs\MPS-GIS04.MPS.LOCAL\errorreports'. To send an error report to Esri, compose an e-mail to ArcGISErrorReport@esri.com and attach the error report file.</li> </ul>
MPS-GIS04.MPS.LOCAL	7569	2	<ul style="list-style-type: none"> <li>Service containing process crashed for 'System\CachingToolsExGPService'. Please see if an error report was generated in 'C:\arcgisserver\logs\MPS-GIS04.MPS.LOCAL\errorreports'. To send an error report to Esri, compose an e-mail to ArcGISErrorReport@esri.com and attach the error report file.</li> <li>Service containing process crashed for 'System\DistributedWorker.GPService'. Please see if an error report was generated in 'C:\arcgisserver\logs\MPS-GIS04.MPS.LOCAL\errorreports'. To send an error report to Esri, compose an e-mail to ArcGISErrorReport@esri.com and attach the error report file.</li> </ul>
MPS-GIS04.MPS.LOCAL	7570	4	<ul style="list-style-type: none"> <li>Failed to construct instance of service 'Maps/MPS_Assets_Not_Located.MapServer'. Service startup timeout.</li> <li>Failed to construct instance of service 'Korweb/WaterDistGIS.MapServer'. Service startup timeout.</li> <li>Failed to construct instance of service 'Water/Bufalo_Aquifer_Expansion_Alignments_MapService.MapServer'. Service startup timeout.</li> <li>Failed to construct instance of service 'Water/Valve_Exercise_Program.MapServer'. Service startup timeout.</li> </ul>
MPS-GIS04.MPS.LOCAL	9000	2,933	<ul style="list-style-type: none"> <li>Error performing query operation Wait time of the request to the service 'Public/Hydrants.MapServer' has expired.</li> <li>Error performing query operation Wait time of the request to the service 'Electric/ReportsStreetlightProblem.MapServer' has expired.</li> <li>Error performing query operation Wait time of the request to the service 'Electric/PoleReplacement.MapServer' has expired.</li> <li>Error performing query operation Wait time of the request to the service 'Electric/PoleInventory.MapServer' has expired.</li> </ul>



# ArcGIS Monitor

ArcGIS Server Reports 03/16/2022 12:31 PM

Set Time: Time Range:

Collection:  ArcGIS Server:

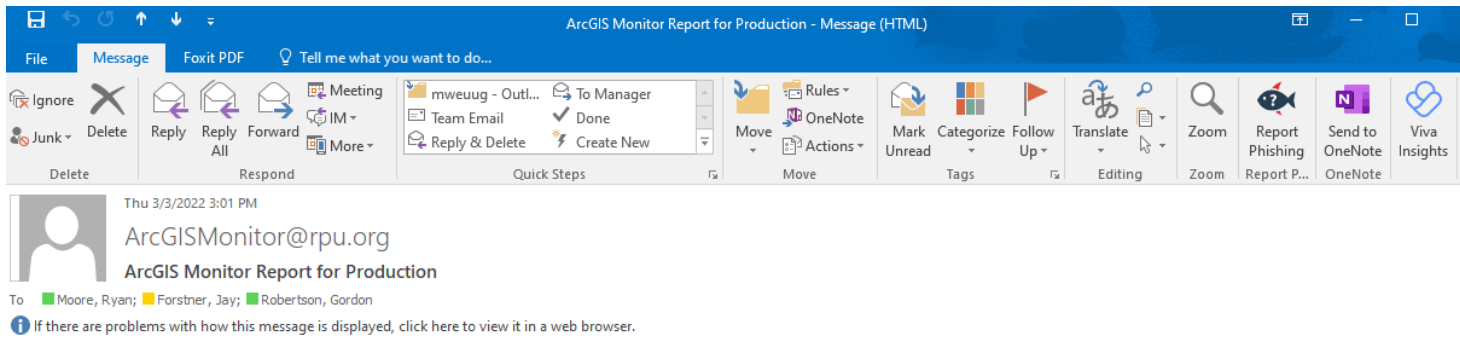
Reports:

[Throughput \(Tr/sec\)](#) [Download](#)

Category	Service	Min(Tr/sec)	Avg(Tr/sec)	P50(Tr/sec)	P95(Tr/sec)	P99(Tr/sec)	Max(Tr/sec)	Samples where Throughput (Tr/sec) > 0	Samples
Site	Summary	0.00	1.33	1.00	3.18	5.80	11.01	1,449	1,449
GPServer	System / PublishingToolsEx	0.00	0.00	0.00	0.00	0.00	0.00	1,449	1,449
MapServer	Maps / AVL	0.03	0.95	0.80	1.95	2.07	2.71	1,378	1,449
MapServer	Electric / ReportStreetlightProblem	0.00	0.30	0.29	0.79	1.63	2.44	700	1,449
MapServer	Electric / Electric_Outages	0.01	0.04	0.04	0.05	0.16	0.55	461	1,449
MapServer	Basemaps / Minimal_Basemap	0.00	0.06	0.04	0.18	0.31	0.80	426	1,449
MapServer	Electric / ElectricDistribution	0.00	0.08	0.03	0.27	0.48	0.78	331	1,449
MapServer	Electric / PoleReplacement	0.00	0.33	0.08	1.54	2.74	6.31	287	1,449
MapServer	Water / WaterDistGIS_PrivateFacilities	0.00	0.07	0.03	0.32	0.69	1.44	271	1,449
MapServer	Water / WaterDistGIS	0.00	0.49	0.17	2.39	3.64	6.91	250	1,449
MapServer	Public / Hydrants	0.00	0.03	0.02	0.07	0.11	0.11	182	1,449



# ArcGIS Monitor E-mail Notification Log – SEVERE Node



## ArcGIS Monitor Report for collection: Production Summary

The ArcGIS Monitor administrator has added you to the notification list and sending you this report.

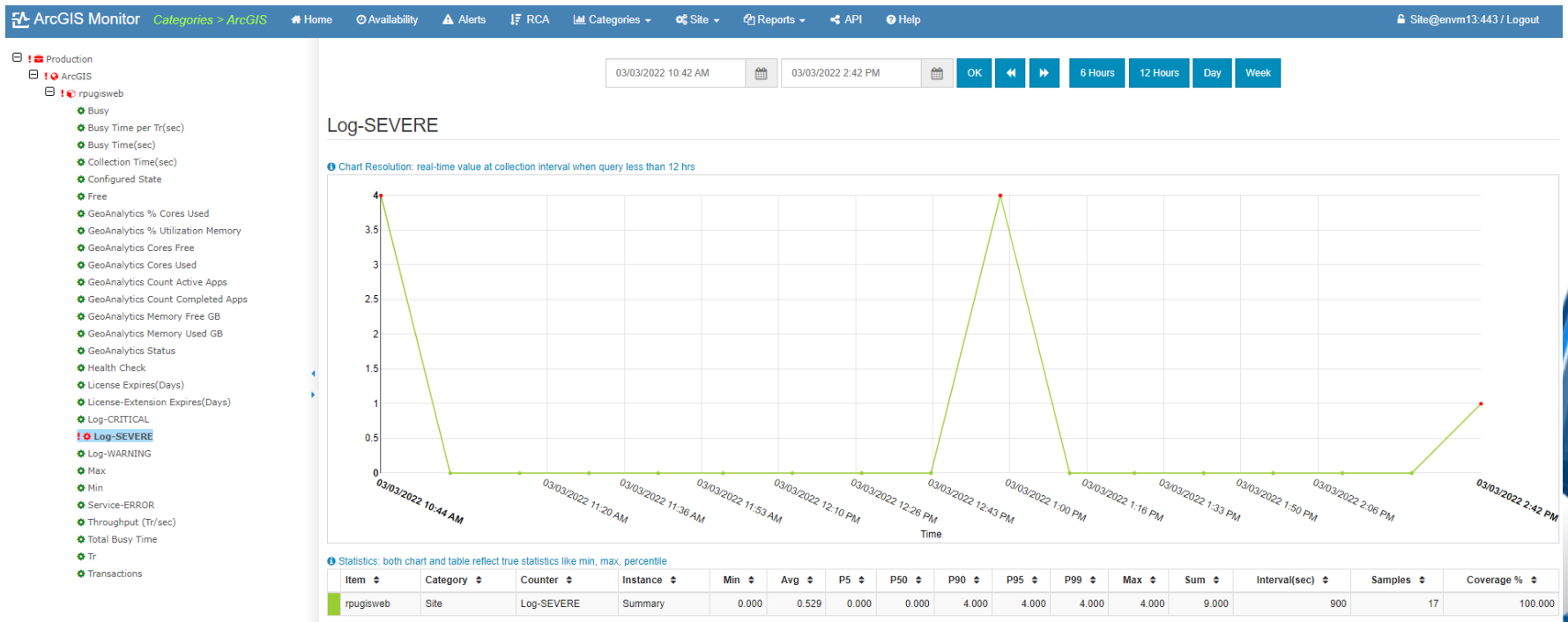
**Alerts:** 1 items. Please review the following alerting items:

Level	Name	Type	Counter	Value	Rule	Validation Value	Last Updated	Notes
Info	rpugisweb	ARCGIS	Log-SEVERE ( Summary )	3.00	>	0	Mar 03 2022 14:56:53	Check ArcGIS Enterprise logs

**Warning:** High volume of alert email may not be effective

**Information:** If you are receiving a high volume of alert email, please ask the administrator to review alert settings for the monitors

# Monitor Web Site: ArcGIS Server Category: Log – SEVERE Node



# ArcGIS Server Log - Severe Error

The screenshot shows the ArcGIS Server Manager interface. At the top, there are navigation tabs for Services, Site, Security, and Logs. Below these are sub-tabs for View Logs, Error Reports, and Statistics. The main content area is titled 'View Log Messages' and includes instructions on how to filter logs. A filter bar shows 'Log Filter: Verbose', 'Age: Last 6 Hours', 'Source: All', and 'Machine: All Machines'. Below the filter is a table of log messages. The first row is highlighted in blue and shows a SEVERE error at 2:53:15 PM from UsageData.MapServer. The table contains several other SEVERE and WARNING messages related to geodatabase errors and service unavailability. At the bottom, it shows 'Showing logs from: Mar 3, 2022, 2:53:15 PM to Mar 3, 2022, 9:01:41 AM' with 'Newer' and 'Older' buttons.

esri.com | ArcGIS Enterprise | Sign Out | Help

ArcGIS Server Manager Services Site Security Logs

View Logs Error Reports Statistics

Printer Friendly View | Help Columns Delete Logs Settings

### View Log Messages

View log messages by querying based on the level, age and source of the messages and clicking Query.

Change the level of detail that the log messages are generated at by clicking Settings.

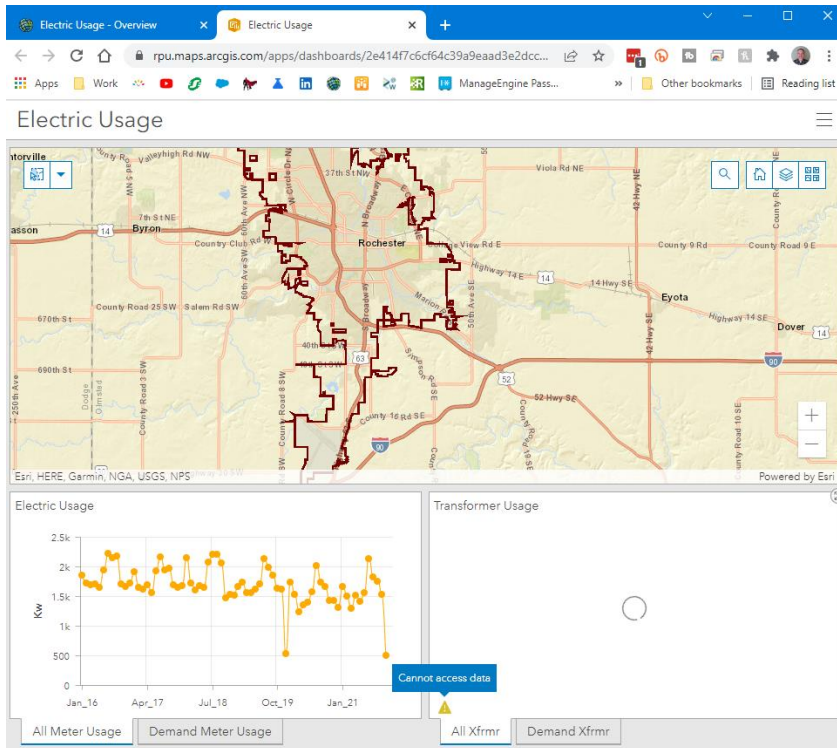
Log Filter: Verbose Age: Last 6 Hours Source: All Machine: All Machines Query

Level	Time	Message	Source
SEVERE	Mar 3, 2022, 2:53:15 PM	General geodatabase error occurred.	UsageData.MapServer
SEVERE	Mar 3, 2022, 2:53:12 PM	General geodatabase error occurred.	UsageData.MapServer
SEVERE	Mar 3, 2022, 2:53:12 PM	General geodatabase error occurred.	UsageData.MapServer
SEVERE	Mar 3, 2022, 2:34:29 PM	General geodatabase error occurred.	Electric_Secondary.MapServer
WARNING	Mar 3, 2022, 2:26:09 PM	Unable to process request. Service DistribBook_AGO/MapServer/MapServer not found	Rest
WARNING	Mar 3, 2022, 2:26:09 PM	Error getting service.	Rest
WARNING	Mar 3, 2022, 2:07:49 PM	Unable to process request. Service DistribBook_AGO/MapServer/MapServer not found	Rest
WARNING	Mar 3, 2022, 2:07:49 PM	Error getting service.	Rest
WARNING	Mar 3, 2022, 2:07:37 PM	Unable to process request. Service DistribBook_AGO/MapServer/MapServer not found	Rest
WARNING	Mar 3, 2022, 2:07:37 PM	Error getting service.	Rest
WARNING	Mar 3, 2022, 1:51:27 PM	Unable to process request. Service DistribBook_AGO/MapServer/MapServer not found	Rest
WARNING	Mar 3, 2022, 1:51:27 PM	Error getting service.	Rest
SEVERE	Mar 3, 2022, 12:58:21 PM	Error performing query operation Wait time of the request to the service 'UsageData.MapServer' has expired.	Rest

Showing logs from: Mar 3, 2022, 2:53:15 PM to Mar 3, 2022, 9:01:41 AM

Newer Older

# Dashboard application that has a failing map service component



# Tips and Tricks

- Read the [glossary terms](#) to better understand the alerts and statistics ArcGIS Monitor collects
- Review the add-ons available in the [ArcGIS Monitor Gallery](#)
- Start small – configure only a couple alerts to start
  - You don't have to add every alert before you can start exploring ArcGIS Monitors functionality
- Adjust alert criteria thresholds
  - Easy to configure ArcGIS Monitor over alert and become numb to them
- Remove Alerts that are no longer relevant or don't provide value to you
  - Be sure to run the [Clean Views](#) admin task or you may continue to get alerts





# ArcGIS Monitor's Future!



by DerekLaw esri 01-27-2022 02:34 PM

Post Options ▾

✓ Hi [@WillBooth2](#),

> *May we have an estimate of when ArcGIS Monitor 10.9.1 will be released?*

There won't be a release of ArcGIS Monitor 10.9.x. We're working on the next generation release of ArcGIS Monitor - which is a completely new product, rebuilt from the ground up. It has a new architecture and internal framework.

We will be releasing an early adopter alpha release very soon. We're targeting a full release in Q3/Q4 timeframe.

Hope this helps,

Reply ↩



2 Kudos