Config Settings Reference

Uptime Infrastructure Monitor Configuration Settings Summary

The following are Uptime Infrastructure Monitor settings and default values (if applicable) that you can modify on the **Configuration** panel. Note that only settings with changed default values changed appear in this panel.

Setting	Definition	Default
`acknowledgedSeparate`	Determines whether an additional acknowledgement column appears in the **Service Status** section of **Global Scan**. When enabled, acknowledged warning or critical states appear in this column.	`false`
`globalscan.cpu.warn`	A Warning-level status is reported in **Global Scan** when the host CPU usage exceeds this percentage. A new value for this, or any of the following **Global Scan** configuration setting applies only to systems added after the change.	`70`
`globalscan.cpu.crit`	A Critical-level status is reported in **Global Scan** when the host CPU usage exceeds this percentage.	`90`
`globalscan.diskbusy.warn`	A Warning-level status is reported in **Global Scan** when the host disk is busy for more than a specified percentage of a five-minute time frame.	`70`
`globalscan.diskbusy.crit`	A Critical-level status is reported in **Global Scan** when the host disk is busy for more than a specified percentage of a five-minute time frame.	`90`
`globalscan.diskfull.warn`	A Warning-level status is reported in **Global Scan** when the amount of used space on the host disk exceeds this percentage.	`70`
`globalscan.diskfull.crit`	A Critical-level status is reported in **Global Scan** when the amount of used space on the host disk exceeds this percentage.	`90`
`globalscan.swap.warn`	A Warning-level status is reported in **Global Scan** when the host disk's swap space usage exceeds this percentage.	`70`
`globalscan.swap.crit`	A Critical-level status is reported in **Global Scan** when the host disk's swap space usage exceeds this percentage.	`90`
`httpProxyHost`	The host name of the proxy server through which the Monitoring Station accesses the internet for features such as the HTTP service monitor, or the RSS feeds on the **My Portal** panel.	none
`httpProxyPort`	The port through which the Monitoring Station communicates with the proxy server.	none
`httpProxyUsername`	The username required to use the proxy server.	none
`httpProxyPassword`	The password required to use the proxy server.	none
`netflow.enabled`	Determines whether the Scrutinizer instance is integrated with the Monitoring Station.	`false`
`netflow.hostname`	The host name or IP address of your Scrutinizer installation.	none
`netflow.port`	The HTTP port through which Scrutinizer sends and receives communication.	none
`netflow.username`	The username required to log in to Scrutinizer.	none
`netflow.password`	The password required to log in to Scrutinizer.	none
`performanceCheckInterval`	The amount of time, in seconds, between performance checks by the Platform Performance Gatherer. A new value for this configuration setting applies only to systems added after the change.	`300`
`reportCacheExpiryDays`	The number of days over which Uptime Infrastructure Monitor retains cached reports.	`30`
`reporting.prefetch.images.threads`	The number of Resource Usage report images that are to be generated as a batch, in order to improve the report generation speed.	`10`
`resourcescan.cpu.warn`	The Warning-level range in the Resource Scan's **CPU Usage** gauge begins at this value (70%), and ends at the Critical-level range.	`70`
`resourcescan.cpu.crit`	The Critical-level range in the Resource Scan's **CPU Usage** gauge is between this value (90%) and 100%.	`90`

resourcescan. memory.warn	The Warning-level range in the Resource Scan's **Memory Usage** gauge begins at this value (70%), and ends at the Critical-level range.	70
resourcescan. memory.crit	The Critical-level range in the Resource Scan's **Memory Usage** gauge is between this value (90%) and 100%.	90
resourcescan. diskbusy.warn	The Warning-level range in the Resource Scan's **Disk Busy** gauge begins at this value (70%), and ends at the Critical-level range.	70
resourcescan. diskbusy.crit	The Critical-level range in the Resource Scan's **Disk Busy** gauge is between this value (90%) and 100%.	90
resourcescan. diskcapacity. warn	The Warning-level range in the Resource Scan's **Disk Capacity** gauge begins at this value (70%), and ends at the Critical-level range.	70
resourcescan. diskcapacity. crit	The Critical-level range in the Resource Scan's **Disk Capacity** gauge is between this value (90%) and 100%.	90
rssFeedUrl	The URL of the RSS feed, which displays IDERA Knowledge Base articles in the **My Portal** panel.	`http://support.uptimesoftware.com/rss/kb.xml`
splunk.url	The URL of the server on which your Splunk search pages are hosted (e.g., `http://webportal:8000`).	none
splunk. username	The user name required to log in to your Splunk search page.	none
splunk. password	The password required to log in to your Splunk search page.	none
splunk.soapurl	The URL that points to the SOAP management port that Splunk uses to communicate with the Splunk daemon (e.g., `http://webportal:8089`).	none
useAgentData	Determines whether Uptime Infrastructure Monitor displays Agent data and graphs in the **Quick Snapshot** view. By default, VMware data and graphs are displayed. If `True`, view provides Agent data and graphs.	false
webmonitor. proxyHost	The host name of the proxy server that the Web Application Transaction monitor uses to access the Internet.	none
webmonitor. proxyPort	The port through which the Web Application Transaction monitor communicates with the proxy server.	none

Changes to any **Global Scan** thresholds or the Platform Performance Gatherer check interval are not retroactively applied to all Elements; only Elements added after threshold or interval changes reflect those changes.

uptime.conf Settings Summary

The following are Uptime Infrastructure Monitor settings and default values that are found and modified in the **uptime.conf** file. Note that any changes to these parameters requires the Uptime Infrastructure Monitor core service to be restarted.

Setting	Definition	Default
auditEnabled	Enables or disables logging of all Uptime Infrastructure Monitor configuration changes.	no
connectionPoolMaximum	The maximum number of connections that are allowed to the DataStore.	100
connectionPoolMaxIdleTime	(c3p0 library) Sets the amount of time a connection can be idle before it is closed. This parameter should only be modified with the assistance of IDERA Customer Support.	0 (infinite)
connectionPoolNumHelperThreads	(c3p0 library) Sets the number of helper threads that can improve the performance of slow JDBC operations. This parameter should only be modified with the assistance of IDERA Customer Support.	6
datastoreHealthCheck.checkinterval	The frequency, in seconds, at which Uptime Infrastructure Monitor checks that the DataStore database is up (a value of "0" disables this database check).	5
datastoreHealthCheck.timeLimit	The amount of time, in seconds, rechecks occur before a failed status is confirmed. When the database is determined to be down, the Uptime Data Collector service is stopped, and an email is sent to all members of the SysAdmin user group.	300
dbHostname	The name of the system on which the database is running.	localhost

`dbJdbcProperties`	Properties and values to append to the JDBC database URL. Note that only MySQL and Microsoft SQL Server supports URL properties; this setting does not work if you are using Oracle.	
`dbName`	The name of the database.	`uptime`
`dbPassword`	The password for the default `uptime` user.	`password`
`dbPort`	The port on which the database is listening.	`3308`
`dbType`	The supported database that is used (`mysql`, `mssql`, or `oracle`).	`mysql`
`dbUsername`	The name of the default database user.	`user`
`diagnostics.monitorRuntimeSaving.deleteFrequency`	The frequency at which service monitor runtime data older than stated in the `diagnostics.monitorRuntimeSaving.saveDays` parameter is deleted from the DataStore. This parameter should be fine-tuned with an additional suffix: `.minutes`, or `.seconds`.	`.minutes=5`
`diagnostics.monitorRuntimeSaving.enabled`	Determines whether service monitor performance-analysis data (such as run times and start-up delays) are written to the DataStore. When enabled, this data is included in `configdata.xml` in Uptime Infrastructure Monitor problem reports. A real-time summary of this runtime data can also be accessed at `http://<uptimeHost>:9996/status/monitoranalysis`. The contents of this page are also included in Uptime Infrastructure Monitor problem reports, in the `monitorRuntimeAnalysis.txt` file. This parameter should be enabled when diagnosing Uptime Infrastructure Monitor performance issues with IDERA Customer Support.	`true`
`diagnostics.monitorRuntimeSaving.saveDays`	The number of days' worth of service monitor runtime data to keep in the Uptime Data Store.	`7`
`diagnostics.monitorRuntimeSaving.saveFrequency`	The frequency at which service monitor runtime data is written from the cache to the DataStore. This parameter should be fine-tuned with an additional suffix: `.minutes`, or `.seconds`.	`.seconds=30`
`externalErdcScriptPath`	The path Uptime Infrastructure Monitor uses to search for maintenance scripts and executables such as `icmp.exe` and `lmhostid.exe`.	`<install_dir>/bin`
`httpContext`	The hostname and port of the Uptime Infrastructure Monitor server.	`http://localhost:9999`
`loggingLevel`	The type and amount of information Uptime Infrastructure Monitor writes to a log file.	`INFO`
`maximumPdfReports`	The maximum number of reports that can be generated at the same time.	`2`
`publishedReportRoot`	The directory in which reports are published for external consumption.	`<install_dir>/GUI/published`
`reportingInstance`	If set to true, indicates whether the Uptime Infrastructure Monitor installation is functioning only as a remote reporting instance, and not as a Monitoring Station.	
`serviceThreads`	The number of threads allocated to service and performance monitor activity.	`100`
`trustedIpAddresses`	A list of IP addresses that represents the systems that are allowed to connect to the Uptime Core service.	`0.0.0.0/0`
`uiOnlyInstance.monitoringStationCommandPort`	For a UI instance: the port through which the instance can communicate with the data-collecting Monitoring Station.	`9996`
`uiOnlyInstance.monitoringStationHost`	For a UI instance: the host name or IP address of the Uptime Infrastructure Monitor Monitoring Station that is performing data collection, and to which this UI instance connects.	