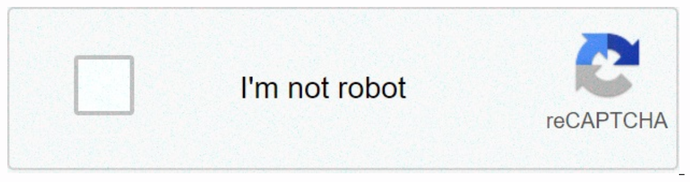

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Tableau server configuration file

This topic describes how to publish dashboards from InsightEdge to Tableau Server, where they can be shared throughout the organization. To integrate with the Tableau server you need: Set up the InsightEdge JDBC connector on the Tableau server Configure the security settings of the InsightEdge server to work with Tableau Server After both of these steps are completed, you can publish InsightEdge data from the Tableau Desktop tableau Tableau Tableau server. Prerequisites Before integrating InsightEdge with the Tableau server, make sure that: Configure InsightEdge on a tableau server to set up the InsightEdge JDBC connector: copy the JDBC driver from tableau Desktop <TABLEAU_HOME>\Drivers\ folder to the same Tableau server folder. Copy the $GS_HOME\tools\tableau\insightge-connector folder to any folder on the server. To configure the InsightEdge JDBC connector, run the following commands: tsm configuration set -frc -k native_api.connect_plugins_path -v C:/<insightedge_connectors folder=> tsm changes are applied to check configuration, run the following command: tsm export settings --output-config-config.txt Verify that the configuration file.txt contains the following line: native_api.connect_plugins_path -v C:/tableau_connectors Configure Security InsightEdge to configure Security InsightEdge to access Tableau Server: Add the following to setenv-replace.bat /.sh File: .export XAP_OPTIONS_EXT=-Dcom.gs.security.enabled=true -Dcom.gs.manager.rest.ssl.enabled=false set GS_OPTIONS_EXT=-Dcom.gs.security.enabled=true -Dcom.gs.manager.bg.ssl.enabled.enabledCreate InsightEdge a new user with all permissions. This is the user who will connect to Tableau Server. Publishing InsightEdge data to tableau Server After the installation process is complete and the connection is configured, you can publish dashboards that are created in Tableau Desktop by using InsightEdge Data Tableau Server. To publish an InsightEdge data dashboard from Tableau Desktop to Tableau Server: Connect to the space (this is configuring the data source) in Tableau Desktop. In tableau desktop, do the following: Create a sheet that uses InsightEdge data. Select Sign in from the server menu. Select Publish data source from the Server menu. Select the necessary options in the Publish Data Source window and click Publish. The data source is published to Tableau Server, and the tableau Server URL opens in the browser. Log on to the Tableau server and verify that the data is published. The following is a list of configuration options or keys that you can set with the tsm configuration command. In many cases, you can find out the current configuration key value with the tsm get configuration command. This list is not intended to be tableau server configuration settings. Represents a subset of configuration keys that can be set by server administrators. </insightedge_connectors></TABLEAU_HOME> </insightedge_connectors></TABLEAU_HOME> some keys used internally by Tableau Server do not appear in this list. Note Configuration keys are case sensitive. Basic use of the tsm key configuration Set configuration configuration -k <config.key>-v <config_value>In some cases, you must turn on the --force-keys option to set a configuration value for a key that was not previously specified. For more information, see Unknown key answers. After you set the configuration key value, you must apply pending configuration changes by using the tsm pending changes that are applied. Until you do this, the new value will not be used by Tableau or displayed in the results of the tsm configuration command. You can see upcoming changes using a waiting list of changes. For more information, see tsm changes. Reset the default configuration To restore the configuration key back to the default value, use the option -d: tsm configuration set -k <config.key>-d View the current configuration key value To see what is set at the time of configuration, use the configuration command: tsm configuration get -k <config.key>In some cases you cannot get a key configuration value , which has not been set before. Instead, the tsm configuration command will return an unknown key response. For more information, see Unknown key answers. Administrator key settings.disabled default value: False disables access to Tableau administrative views. By default, access to views is enabled (this option is set to false). api.server.enabled Default value: True Allows access to tableau server rest API (link opens in new window). By default, this feature is enabled. auditing.enabled default value: True Allows access to PostgreSQL (own tableau server database) historical validation tables. backgrounder.enable_parallel_adsync note: Added in version 2018.3.6 Default value: False controls whether parallel processing of external directories group synchronization jobs is enabled when there are multiple backgrounds. By default, scheduled synchronization of external directory groups is processed sequentially by a single phoner. Set this to true to enable parallel processing of multiple background instances. fonter.externalquerycachewarmup.enabled Default value: Faithfully controls caching of query workbook results after scheduled retrieval of tasks. backgrounder.externalquerycachewarmup.view_threshold vaule: 2.0 Threshold for caching workbook search results after scheduled retrieval of tasks. The threshold shall be equal to the views the workbook has received in the last seven days, divided by the number of refreshes planned over the next seven days. The following two background options for the command determine how long the workflow task can perform before the background task flow is canceled. These two commands together determine the total timeout value for </config.key> </config.key> </config_value> </config.key> </config.key> Tasks. Default value: 1800 The number of seconds outside the setting in backgrounds.querylimit before the background task is canceled. This setting ensures that tasks do not hold the next to-dos if they are blocked. The setting applies to the processes listed in backgrounder.timeout_tasks. 1,800 seconds is 30 minutes. backgrounder.default_timeout.run_flow Default value: 14400 The number of seconds per workflow execution task is terminated. 14,400 seconds is four hours. Default value: 5 counts of consecutive errors on subscription, retrieval, or workflow execution work before this job is stopped. Stopping persistently failed tasks helps preserve background resources for other tasks. To disable stopping background tasks, set this to -1. Note Added in version 2020.3.0 Default value: Information The logging level for the background process. This is dynamic configuration, so if you only change this, you do not have to restart Tableau Server. For more information, see Change logging levels. backgrounder.querylimit Default value: 7200 Longest allowable time, in seconds, to complete a single statement refresh task or subscription task. 7200 seconds = 2 hours. Note If a background task reaches this time limit, it may continue to run for a few more minutes until it is canceled. backgrounder.notifications_enabled default value: True Controls whether retrieval refresh and workflow execution warnings are enabled for all sites on the server. By default, alerts are enabled. To disable alerts for all sites on the server, set this to false. Retrieving alerts can be enabled or disabled based on the site by site administrators in site settings or at the user level in user settings. backgrounder.sort_jobs_by_type_schedule_boundary_heuristics_milliSeconds default value: 60000 Controls the time window that identifies phoner jobs that are set to have the same scheduled start time. A background process orders work that is scheduled at the same time to run from a to-do type runs the fastest to-do category first: subscriptions, then incremental statements, then full statements. To-dos are grouped to determine which to-dos are scheduled at the same time. A value of 60,000 milliseconds (default) indicates that schedule jobs starting within a 1-minute window must be classified in the same batch and so sorted by type within that lot. Default value: 5 determines the number of consecutive subscription errors that must occur before a condition warning is stopped. When set by default to 5, signaling is stopped after 5 consecutive subscription failures. -1 will allow email notification to continue indefinitely. This threshold is the entire server, so applies to all subscriptions set on the server. Default value: Faithfully controls whether a funder will cache images that are generated for subscriptions. Cached images must be regenerated each time, so caching improves subscription performance. By default, image caching is enabled. To disable image caching for all sites on the server, set this to false. backgrounder.timeout_tasks default value: refresh_extracts, increment_extracts, subscription_notify, single_subscription_notify, check_data_alert, run_flow, encrypt_extracts, decrypt_extracts, rekey_extracts extract_encryption_maintenance A list of tasks that can be canceled if they run longer than the combined values in backgrounder.limit and backgrounder.extra_timeout_in_seconds. The to-do list is separated by comma. The default list represents all possible values for this setting. Default value: C:\ProgramData\Tableau\Tableau Server\data\tabsvc\files\backups\ the location in which the backup support tsm command creates a backup. This is where the backup file should be in recovery using the tsm maintenance recovery command or the command to send support records. For more information, see tsm file paths. Default value: C:\ProgramData\Tableau\Tableau Server\data\tabsvc\files\log-archives\ the location in which the tsm support ziplogs command creates a compressed archive. For more information, see tsm file paths. Default value: C:\ProgramData\Tableau\Tableau Server\data\tabsvc\files\siteexports\ the location in which the tsm sites export command creates an export file. For more information, see tsm file paths. Default value: C:\ProgramData\Tableau\Tableau Server\data\tabsvc\files\siteimports\ the location in which the tsm site import command expects import of the import file. For more information, see tsm file paths. Note Added in version 2020.3.0 default value: Logging level information for a cluster controller. This is dynamic configuration, so if you only change this, you do not have to restart Tableau Server. For more information, see Change logging levels. clustercontroller.zk_session_timeout_ms default value: 300,000 duration, in milliseconds, this cluster controller will wait for the Coordination Service (ZooKeeper) before determining whether a failover is required. dataAlerts.checkIntervalInminutes default value: 60 Frequency, in minutes when Tableau server checks whether data warning conditions are available. (The server also checks every time retrieves related to data alerts are refreshed.) dataAlerts.retryFailedAlertsAfter interval Default value: true determines how often tableau server checks data signals again. When it is on true, the server re-checks the frequency absence signals specified by dataAlerts.checkIntervalInMinutes. When set to false, the server again checks the signals for failed signals every five minutes, faster notifying alert recipients if the data conditions are changed but reducing server performance. (The server also checks the dataAlerts.SuspendFailureThreshold default value: 350 determines the number of consecutive errors in warnings that must occur before the condition warning is stopped. When set by default to 350, signaling is stopped after about two weeks of warnings. This threshold is a common server, so it applies to all data alerts defined on the server. Note Added in version 2020.3.0 default value: Logging level information for data server. This is dynamic configuration, so if you only change this, you do not have to restart Tableau Server. For more information, see Change logging levels. Default value: 27042 port on which the data system is running. Default value: 9,700 port on which the data server is running. Default value: false Determines whether Tableau Server will make additional requests to obtain updated schema data for a published data source when there are changes to the master schema structure. This is disabled by default for performance reasons and there is a delay in displaying schema changes. If you want changes to the schema of the actually published data source to be reflected quickly, or if you see errors (for example, an error occurred while communicating with the data source: Invalid column name. When set to true, Tableau Server makes additional requests to update the schema. elasticserver.vmopts The default value varies depending on the size of the system memory. Use the table below to determine the default value: Default system memory value 29 GB or less -Xmx256m -Xms256m (256 MB) 30 GB to 45 GB -Xmx1g -Xms1g (1 GB) 46 GB to 46 GB 58 GB -Xmx2g -Xms2g (2 GB) 59 GB to 100 GB -Xmx4g -Xms4g (4 GB) Greater than 100 GB -Xmx8g -Xms8g (8 GB) Manages the size of the Elastic server with a bunch. Increasing the amount of free memory outside the default value can improve data performance. The size of the pile should usually be less than half the full memory of the machine. Add the letter k to the value to indicate kilobytes, m for megabytes or g to indicate gigabytes. As a general rule, set the initial free memory size (-Xms) equal to the maximum free memory size (-Xmx) to reduce waste collections. Here's a suggestion for how much memory to allocate based on the number of data sources and available memory. Actual performance will vary depending on the server, the number of fields in your data sources, and other factors.1 to 100 data sources: 256 MB (minimum)100 to 500 data sources: 1 GB (recommended) 500 to 1000 data sources: 2 GB up to 1,000 Data Sources from 2000: 4 GB 2000 to 4000 data sources: 8 GB 4000 to 8000 data sources: 16 GB 8000 or more data sources : 32 GBTh this option is added, starting with the tableau server version: 2019.1. Default value: false controls whether Tableau Server creates a shadow copy of an Excel shared spreadsheet (.xlxs or .xlxm) that is used as a live data source. When turned on, this option does not allow Excel Excel from An error in the sharing violation and a message that the file is currently in use. This option can have an impact on performance with large Excel files. If Excel users do not need to edit the shared file, you do not need to enable this option. Note Tableau Server always tries to create a shadow copy of .xls file. This option does not change this behavior. This option was added starting with Tableau Server versions: 2019.1.5, 2019.2.1. Default value: True controls whether a Tableau server uses the Apache ActiveMQ (Tableau Server Messaging Service) service for the internal messaging mechanism. This option has been added, starting with the tableau server version: 2019.4. Features. DesktopReporting Default value: False controls whether desktop license reporting is enabled on the server. When set to false (default), no administrative views associated with desktop licenses are available. Set this to true to enable license reporting and to see license views and administrative views leak on the server status page. Note Desktop License Reporting must be enabled on the Tableau Desktop client in order for the information to be reported to Tableau Server. Default value: True controls whether Tableau Server uses the new internal messaging mechanism. This option has been added, starting with the tableau server version: 2019.4. Default value: True controls whether tableau server enables embedded credentials in bootstrap files. When enabled (default), embedded credentials are included in the bootstrap file unless you specify that they should not be included. Set this to false if credentials should never be included in each bootstrap file you generate. For more information about generating bootstrap files, see tsm topology nodes get-bootstrap-file. This option has been added, starting with the Tableau version 2019.3 server. Features. PasswordReset default value: Falsely applies only to servers that use local authentication. Set true to allow users to reset their passwords with the Forgotten password option on the sign-in page. Note Added in version 2020.3.0 Default value: Information The logging level for file store. This is dynamic configuration, so if you only change this, you do not have to restart Tableau Server. For more information, see Change logging levels. Default value: The incorrect cache Control HTTP header specifies whether the client browser should cache content sent from Tableau Server. To disable tableau server data caching on the client, set this option to true. gateway.http.hsts default value: The HTTP Strict Transport Security (HSTS) header causes browsers to use HTTPS in the domain where it is enabled. gateway.http.hsts_options default value: max-age=31536000 By default, HSTS is set for one year (31536000 seconds). This time period determines the time during which the browser will have access to the server over HTTPS. HTTPS. Default value: 16380 The maximum size (bytes) of header content that is enabled to pass through the Apache gateway of HTTP requests. Headers that exceed the value of this option will cause browser errors such as HTTP error 413 (object request too large) or authentication errors. A low gateway.http.request_size_limit may cause authentication errors. Single sign-on solutions that integrate with Active Directory (SAML and Kerberos) often require large authentication tokens in HTTP headers. Be sure to test HTTP authentication scenarios before deploying in production. We recommend that you set the tomcat.http.maxrequestsize option to the same value that you set for this option. gateway.http.x_content_type_nosniff default value: True, the X-Content Type-Options HTTP response header specifies that the MIME type in the content type header should not be changed by the browser. In some cases, when an MIME type is not specified, the browser may try to determine the MIME type by evaluating the payload characteristics. The browser will then display the content accordingly. This process is called strangulation. Misinterpretation of the MIME type may cause security vulnerabilities. The HTTP X-Content Type-Options header is set by default to nosniff with this option. gateway.http.x_xss_protection default value: True HTTP X-XSS-security response header is sent to the browser to enable cross-site script protection (XSS). The X-XSS-security response header replaces the configurations in cases where users have disabled XXS security in the browser. The X-XSS security response header is enabled by default with this option. Note Added in version 2020.3.0 Default value: Information Logging level for gateway. This is dynamic configuration, so if you only change this, you do not have to restart Tableau Server. For more information, see Change logging levels. gateway.public.host default value: <hostname> The server name (URL) used to externally access Tableau Server. If Tableau Server is configured to work with a proxy server or external load balancer, this is the name entered in the address bar of the browser to reach Tableau Server. For example, if You reach Tableau Server by entering tableau.example.com, the gateway.public.host name is tableau.example.com. gateway.public.port Default value: 80 (443 if SSL) Applies only to proxy server environments. The external port that is listening to the proxy server. gateway.slow_post_protection.enabled default value: False Enable this may provide some help to protect against slow POST attacks (Denial-of-Service) from time post requests that transfer data to exclusively Gears. Note: This will not eliminate the threat of such attacks and may have an unintended impact of ending slow connections. gateway.slow_post_protection.request_read_timeout default </hostname> </hostname> body = 10, MinRate = 500 When enabled by the previous option, gateway.slow_post_protection.enabled, this option sets Apache httpd ReadRequestTimeout. The httpd Directive is documented in apache module mod_reqtimeout (Link opens in a new window). The main use of this option is as a defense of slowloris attack. See the wikipedia entry, Slowloris (computer security) Link opens in a new window. gateway.timeout Default value: 7200 Longest time, in seconds that the gateway will wait for certain events before you fail (7200 seconds = 2 hours). gateway.trusted default value: Proxy server IP address applies only to proxy server environments. the IP addresses or name(s) of the proxy server. gateway.trusted_hosts default value: Alternate proxy names applies only to proxy environments. Any alternate proxy host name(s). hyper.file_partition_size_limit Default value: 0 When set to 0, the size is set to unlimited and will use all available disk space. Use this option to set the disk space limit for a query that the disk pulses. If your disk space is used by the spooler. <id>.tmp file is higher than where it needs to be for your environment, which means that requests are spooled and take up disk space. Use this option to limit the amount of disk space that any query can use. The macaroni. <id>.tmp file can be found in the temp folder of the user account with Tableau Server. You can specify this value in K(KB), M(MB), G(GB) or T(TB) units. For example, you can set the size limit to 100G when you want to limit disk space usage to 100 GB. For more information about spooling, see the Memory and Processor section in tableau server data engine. hyper.global_file_partition_size_limit Default value: 0 When set to 0, the size is set to unlimited and will use all available disk space. Use this option to set the disk space limit for all requests that the disk spooler. If your disk space is used by the spooler. <id>.tmp file is higher than where it needs to be for your environment, which means that requests are spooled and take up disk space. The macaroni. <id>.tmp file can be found in the temp folder of the user account with Tableau Server. Use this option to limit the amount of disk space to the total size that all queries use when spooling the disk . You can specify this value in K(KB), M(MB), G(GB) or T(TB) units. For example, you can set the size limit to 100G when you want to limit the use of the disk up to 100 GB. Tableau recommends starting with this configuration when fine-tuning your spool restrictions. For more information about spooling, see the Memory and Processor section in tableau server data engine. hyper.log_queries default value: true When set to true, query information is logged. By default, query information is logged. However, if you find that</id> </id> </id> </id> </id> files are too large for available disk space, you can set it to false to disable query logging information. Tableau recommends that you let this configuration be correct. hyper.log_query_cpu Default value: false Use this setting to log in how long each query and CPU usage takes. hyper.log_timing Default value: false This setting is useful for more information about queries, such as build and analysis time. By default, this setting is disabled. You can turn it on by setting the value true to gather more information about your queries. Note that this will increase the size of system data logs (\logs\hyper). hyper.log_trouble_query_plans Default: True when true, logs query plans that are identified as problematic. Queries that are canceled work slower than 10 seconds, or if queries are spooling on the disk fall into this category. The information in the logs can be useful for troubleshooting problematic queries. You can change the false setting if you are concerned about the size of the logs. hyper.memory_limit Default value: 80% controls the maximum amount of memory used by Hyper. Specify the number of bytes. Add the letter k to the value to indicate kilobytes, m to indicate megabytes, g, to indicate gigabytes or t to indicate the terabytes. For hyper.memory_limit = 7g. Additionally, set the memory limit as a percentage of total system memory. For example, hyper.memory_limit=90%. hyper.memtracker_hard_reclaim_threshold Default value: 80% this setting applies only to Windows. Hyper supports decompression and decrypts parts of the extract in memory to make subsequent access faster. This setting controls when work threads will start recording this data to the disk cache to reduce memory load. If given as a percentage, the value is interpreted as a percentage of the hyper.memory_limit setting. For example, hyper.memtracker_hard_reclaim_threshold=60%. Absolute values can be defined as k (kilobytes), m (megabytes), g (gigabytes) or t (terabytes). For hyper.memtracker_hard_reclaim_threshold = 10g. The value must be greater than the threshold of hyper.memtracker_soft_reclaim. hyper.memtracker_soft_reclaim_threshold Default value: 50% This setting applies only to Windows. When you interact with a Hyper file, Hyper will write some data for caching or data retention. Windows has a special behavior that locks freshly saved data into memory. To avoid switching, we force the data when Hyper reaches a configured recovery threshold limit. When reach the soft recovery threshold, Hyper will try to request back cached data in the background to try to stay below the recovery threshold. In cases where the replacement would have happened otherwise, the activation of the better result. Therefore, if your Tableau server installation experiences a lot of shifting, this setting can be used to try to reduce memory pressure. Specify the number of bytes. Add the letter k to the value to indicate kilobytes, m to indicate megabytes, g, to indicate gigabytes or t to indicate the terabytes. Additionally, set the value as a percentage of the total configured Hyper memory. For example, hyper.memtracker_soft_reclaim_threshold=20%. hyper.network_threads default value: 150% control of the number of network threads used by Hyper. Specify either the number of network threads (for example hyper.network_threads =4) or set the percentage of threads relative to the number of logical cores (for example, hyper.network_threads ='300%'). Network threads are used to accept new connections and send or receive data and requests. Hyper uses asynchronous networking, so many connections can be served by a single thread. Usually, the amount of work that is performed on network threads is very low. The exception is opening databases on slow file systems, which can take a long time and block the network thread. If the connection time is slow when you try to view or edit dashboards that use statements and have not been used for a while, and you often see asio continuation slow messages in the Hyper log and a long time to construct the hyper protocol in the Tableau log, try to increase this value. Default value: false Boolean setting that controls file integrity in Hyper. When set to true, Hyper will check the data in an extract file when it is first available. This allows silent corruption and corruption that will crash Hyper to be discovered. In general, it is recommended that you turn on this setting, except for installations with very slow disks, where this may lead to performance regressions. hyper.query_total_time_limit default value: 0 (meaning unlimited) Specifies the upper limit of the total thread time that can be used by individual

hyper queries. Attach 's' to the value to indicate seconds, 'min' to indicate minutes, or 'h' to indicate the times. For example, to limit all requests total time using 1,500 seconds total thread time: hyper.query_total_time_limit = 1500s. This setting allows you to automatically control fugitive queries that would otherwise use too many resources. Hyper executes queries at the same time. For example, if the query runs for 100 seconds and runs at 30 threads during that time, the total thread time will be 3,000 seconds. The thread time of each query is reported in the Hyper log in query end log entries in the Total Time field. Default value: 0 (meaning unlimited) Controls the maximum memory consumption that a separate query may have. Specify the number of bytes. Attach the letter k to the value to kilobytes, m to indicate megabytes, g to indicate gigabytes or t to designate terabytes. For example hyper.session_memory_limit ='900m'. Additionally, set the session memory limit as a percentage of total system memory. For example, hyper.session_memory_limit=90%. Reducing this value can help when the query uses an excessive amount of memory and other queries fail over a long period of time. By reducing the limit, a single large request will fail (or resort to transfer if spooling is not turned off) and has no negative impact on other requests. hyper_standalone.consistent_hashing.enabled default value: True improves the ability that query retrieval is already cached. If the cached extract node does not support additional loading, it will be routed to a new node, and retrieval will be loaded into the cache of the new node. This leads to better use of the system because extracts are only loaded into memory if there is a load that justifies the need. hyper_standalone.health.enabled Default Value: True Toggles the metric load balancing value from any selection to selecting the Data Engine (Hyper) node based on a health score that is made up of a combination of current Hyper activity and system resource usage. Based on these values, the load balancer will select the node that is most capable of processing an retrieval query. hyper.temp_disk_space_limit default value: 100% sets the upper limit of disk space in which Hyper will stop allocation of space for temporary files. This setting can help stop the hard disk from filling in with temporary Hyper files and running out of disk space. If disk space reaches this threshold, Hyper will try to recover automatically without administrator intervention. Specify it as a percentage of the total available disk space to be used. For example, hyper.temp_disk_space_limit=96%. When set to 100%, all available disk space can be used. Disk space must be configured to start the data system. If there is not enough disk space, you will see a data system log record that says the temporary file disk limit has been reached. Free up disk space on the drive. For more information, see the hyper registry: There is no space on the device. hyper.hard_concurrent_query_thread_limit default value: 150% Use this option to set the maximum number of threads that hyper should use to execute queries. Use this when you want to set a hard limit on CPU usage. Specify either the number of threads or set a percentage of threads relative to the number of threads Core. Hyper will most likely not use more resources than are configured by this setting, but Hyper background and network threads are not affected by this setting (although they tend not to cpu intensive). It is important to keep in mind that this setting controls the number of requests that can be executed. So if you reduce this setting, the chance of queries waiting for currently running queries to complete increases, which can affect the workbook load. hyper.soft_concurrent_query_thread_limit default value: 100% Use this option to specify the number of threads that a query can parallel if enough themes are available when setting hard_concurrent_query_thread_limit. Specify either the number of threads or set a percentage of threads relative to the number of logical cores. To illustrate this, here's a simple example: Let's say you set this value to 10 threads, this means that queries can be parallelized to 10 topics. If only 2 queries are executed, the remaining 8 themes are used to parallelize 2 queries. - Hyper. hard_concurrent_query_thread_limit and hyper.soft_concurrent_query_thread_limit options work together to give you some cpu usage management options while increasing available CPU resources to fill queries faster. If you don't want Data Engine to use all available CPU on the machine, change it to less than 100% per cent, which is optimal for your environment. The soft limit is a way to limit CPU usage, but allow it to exceed the soft limit to the hard limit if necessary. Note: the hyper.hard_concurrent_query_thread_limit and hyper.soft_concurrent_query_thread_limit replace hyper.num_job_worker_threads and hyper.num_task_worker_threads options in Tableau Server versions 2018.3 and earlier and are rejected in the current version. For information about hyper.num_job_worker_threads and hyper.num_task_worker_threads see Tsm Configuration Options. (Link opens in new window) hyper.use_spooling_fallback Default value: true When set to true, allows disk when query statements exceed the specified ram usage (80% of installed RAM). In other words, it allows Hyper to run a query using the disk if it exceeds ram usage. Tableau recommends that you use the default setting. You can turn this off by setting the value to false if you are concerned about using the disk. If you turn off this setting, queries that use more than 80% of the installed RAM will be canceled. Spool requests usually take considerably longer. For more information about spooling, see the Memory and Processor section in tableau server data engine. install.firewall.allowedgrams.manage default value: True Control whether Tableau Server can add firewall rules. When set to true, Tableau Server will add new firewall rules to allow its processes to make connections through the firewall windows. Change this to false if you want to manage all firewall rules yourself, and you don't want Tableau Server to add new rules. java.heap.size Default value: 128m Pile size for Tomcat (storage and salt). This is usually except on the advice of Tableau. Default value: 0 Specify the duration (in seconds) that the user logon license must be continued before you are prompted to reactivate Tableau. Default value: False Set true to enable login license management. Set to false to disable logon license management. Note: To use login license management, you must activate a product key that is enabled to manage login-based licenses. You can use the tsm license list to see which product keys are enabled to manage login licenses. Default value: 15552000 Set the maximum duration (in seconds) that a user logon-based license must appear before you are prompted to reactivate Tableau. The maximum value is 15552000 seconds (180 days). maestro.app_settings.sampling_max_row_limit Default value: 1000000 Sets the maximum number of rows to take data from large data sets with Tableau Prep on the grid. maestro.input.allowed_paths default value: By default, access to each directory will be denied and publish only to Tableau Server with content that is included in the tflx file enabled. List of allowed network directories for input connections. You must enable the Tableau Prep conductor to schedule flows on your Tableau server. For more information, see tabular leader. The following rules are applied and should be taken into account when configuring this setting: paths must be accessed from Tableau Server. These paths are checked during server startup and workflow execution time. Network directory paths must be absolute and cannot contain wildcards or other travel symbols passing through. For example, \\myhost\myShare\ or \\myhost\myShare* are invalid paths and would cause all paths to be disabled. The correct way to safely spell each folder under myShare will be \\myhost\myShare or \\myhost\\myShare\ Note: The configuration \\myhost\myShare will not allow \\myhost\myShare1. To keep a list of both folders, there will be a safe list such as \\myhost\myShare; -Yes, but not. The value can be either *to allow any network directory, or a list of network directory paths that have delimiters;. Local directory paths are not allowed even when the value is set to *. Important This command replaces existing information and replaces it with the new information you provided. If you want to add a new location to an existing list, you must provide a list of all the locations that exist and the new ones you want to add. Use the following commands to view the current list of input and output locations:tsm on maestro.input.allowed_pathstsm configuration -k maestro.output.allowed_paths For more information and details on configuring eligible directories for input and output connections, see Safe list Input and output locations (Link opens in a new window). maestro.output.allowed_paths maestro.output.allowed_paths Value: By default, access to all directories will be denied. List of allowed network directories for output connections. You must enable the Tableau Prep conductor to schedule flows on your Tableau server. For more information, see tabular leader. The following rules are applied and should be taken into account when configuring this setting: paths must be accessed from Tableau Server. These paths are checked during server startup and workflow execution time. Network directory paths must be absolute and cannot contain wildcards or other travel symbols passing through. For example, \\myhost\myShare\ or \\myhost\myShare* are invalid paths and would cause all paths to be disabled. The correct way to safely spell each folder under myShare will be \\myhost\myShare or \\myhost\\myShare\ Note: The configuration \\myhost\myShare will not allow \\myhost\myShare1. To keep a list of both folders, there will be a safe list such as \\myhost\myShare; -Yes, but not. The value can be either *to allow any network directory, or a list of network directory paths that have delimiters;. Local directory paths are not allowed even when the value is set to *. Note: If one time is in both the allowed streams list and the internal_disasslowed list, internal_disallowed an advantage. For more information and details on configuring enabled directories for input and output connections, see Safe list of input and output locations (Link opens in a new window). maestro.sessionmanagement.maxConcurrentSessionPerUser Default Value: 4 Specifies the maximum number of web stream editing sessions that the user may be open at the same time. Default value: False Controls whether indexing new and updated content, also called eventing, is regulated on all sites on the server. By default, event limitation is turned off. To turn on event mitigation, change this setting to true by using the following command: tsm configuration set -k metadata.ingestor.throttleEventsEn -v true --force-keys for more information about event throttle, see Enable tableau catalog. Default value: 20 When event limitation is enabled, this is the maximum number of new and updated content items that can be indexed during a certain time period. After the specified limit is reached for a specific item, indexing is postponed. By default, the limit is set to 20 and cannot be set to less than 2. You can use the following command to change the limit: tsm configuration set -k metadata.ingestor.throttleLimit -v 25 -force-keys throttled events can be on the server noninteractive logs as an ingester event marked for removal from the throesel filter. Default value: 20 When event limitation is enabled, this is a time period, in minutes a certain maximum number of new and updated content items can be indexed. Once the specified time has been reached, indexing all content is postponed. By default, the time is set to 30 minutes. You can use the following command to change the time: tsm configuration -k metadata.ingestor.throttlePeriodLength -v PT45M -force-keys Default value: 20 This is the longest time, in seconds, for a catalog or metadata API query to run before a timeout occurs and the request is canceled. Tableau recommends gradually increasing the timeout to no more than 60 seconds by using the following command: tsm configuration set -k metadata.query.time -v PT30S -force-keys important: this option should be changed only if you see the error described here, the time limit, and the limit on the node exceeded messages. Increasing the time-out limit can use more CPU for longer, which can affect task performance in Tableau Server. Increasing the time-out limit may result in greater memory usage, which may cause problems with the interactive microserve container when requests are available at the same time. Default value: 2000 This is the number of objects (which can freely map the number of query results), the catalog can return before the node limit is exceeded, and the query is canceled. Tableau recommends gradually increasing the timeout to no more than 100,000 by using the following command: tsm configuration set -k metadata.query.limit.count -v 3000 -force-keys Important: this option should be changed only if you see the error described here, the time limit and the limit of the node exceeded messages. Increasing the node limit may cause greater memory usage, which may cause problems with the interactive microservies container when requests are executed in parallel. metricsservices.checkIntervalInminutes Default value: 60 Controls the interval, in minutes, between refreshing metrics that rely on live data sources. An indicator is refreshed when the server checks for new data using the associated metric view. metricsservices.failureCountToWarnUser Default value: 10 controls the number of consecutive refresh errors that must occur before the metric owner is alerted. When set to 10 by default, the metric refresh must fail 10 times in a row before the owner is sent a notification about it. metricsservices.maxFailedRefreshAttempts Default Value: 175 Controls the number of consecutive refresh errors that must occur before the metric refresh stops. Default value: True Control whether links to Tableau Server are treated as deep connections by tableau Mobile app. When set to true, links to supported content types are opened in the When set to false, connections are opened in the mobile browser. For more information, see the Deep Connection control for Tableau Mobile. monitoring.dataengine.connection_timeout default value: 30,000 The duration of the time, in milliseconds, a cluster controller will wait for machine data before determining that the connection timeout has occurred. Default is 30,000,000 (30 seconds). native_api.limit. <connection class=> Set a parallel query limit for the specified data source (connection class). This cancels the global data source limit. native_api.connection.globallimit default value: 16 global limit for parallel queries. By default, it's 16, except for Amazon Redshift, which has the default 8. native_api.force_alternative_federation_engine default value: Falsely override data connection restrictions from one file connection and one SQL database. Set this option to True to have Tableau process a join by using a live database connection. native_api. ProtocolTransitionLegacyFormat default value: False use of legacy name format to delegate restricted. The name format has been changed to version 10.1 to allow the transition between domain protocols (S4U). If this causes problems with existing configurations and there is no need to transition between a domain protocol, configure Tableau Server to use the old behavior by setting this to true. native_api. Initialization The query cache consists of the logical query cache, metadata cache, and primary query cache. By default, this feature is enabled. native_api. QueryCacheMaxAllowedMB The maximum size of the query cache in megabytes. This value varies depending on the size of the system memory. The query cache consists of the logical query cache, metadata cache, and primary query cache. Use the table below to to determine the default value: Default system memory value for Tableau Server value for Tableau Desktop 64 GB and more 3200 MB 1600 MB From 32 GB to 64 GB 2400 MB 1200 MB from 16 GB to 32 GB 1600 MB 800 MB 16 GB and less 800 MB 400 MB native_api. LogicalQueryCacheMaxAllowedWeight default value: 70 weight of the logical query cache size limit in the total size of the query cache. Default value: 4 The weight of the metadata query cache cache size limit in the total size of the query cache. native_api. NativeQueryCacheMaxAllowed Weight value: 26 Weight of the primary query cache size limit in the total query cache size. native_api. QueryCacheEntryMaxAllowedInPercent default value: 60% specifies the maximum size of query results that can be placed in the query cache. It is set as a percentage of the total query cache size. For example, if the logical query cache size is 100 MB and native_api. QueryCacheEntryMaxAllowedInPercent is set to 60 percent, then only of the query that are less than 60 MB can be placed in the logical query cache. Default value: 1 Note: The default value for the number of tableau count is sufficient for most Tableau server installations. Controls the number of pieces of data for the Elastic Search Concepts index, which stores field names, field synonyms, and analytical terms. 1000000000 </connection> </connection> share the search index to reduce the total size of the index, which can improve the performance of the Ask Data Semantic Analyzer. Adjusting the number of pieces is another measure of performance improvement that you can take along with increasing the amount of free memory through elasticserver.vmopts. Tableau recommends increasing the number of pieces by 1 for every 50 GB. To reduce the number of times you need to adjust the number of pieces, calculate the total size of the index by adding 50% to the current index. For example, if the total size of the index is less than 50 GB, then 1 piece is enough. Actual performance will vary depending on the server, the rate at which the index size grows, and other factors. 0 up to 50 GB: 1 50 GB to 100 GB: 2 100 GB to 150 GB: 3 You can use the following command to increase the number of index Concepts from 2: tsm configuration -k nlp.concepts_shards_count -v 2 Default value: 1 Data count control shards Elastic for the search value index that stores values, synonyms and aliases. Count the search index partitions to reduce the total size of the index, which can improve the performance of a semantic data analyzer. Adjusting the number of pieces is another measure of performance improvement that you can take along with increasing the amount of free memory through elasticserver.vmopts. Tableau recommends increasing the number of pieces by 1 for every 50 GB. To reduce the number of times you need to adjust the number of pieces, calculate the total size of the index by adding 50% to the current index. For example, if the total size of the index is less than 50 GB, then 1 piece is enough. Actual performance will vary depending on the server, the rate at which the index size grows, and other factors. 0 up to 50 GB: 1 50 GB to 100 GB: 2,100 GB to 150 GB: 3 You can use the following command to increase the number of index values from the number of default arrays to 2: tsm configuration set -k nlp.values_shards_count -v 2 Default value: enabled_by_default Use this option to set the original value of the data query mode when a site is created. For more information, see Enable or disable site data. Valid options are enabled_by_default (default), disabled_by_default and disabled_always. This option was added starting with Tableau Server versions: 2019.4.5, 2020.1.3. Default value: -XX:+UseConcSweepGC -Xmx<default_value>g -XX:+ExitOnOutOfMemoryError The default value varies depending on the size of the system memory. You can use the table below to determine the default value for your system. 16 GB -Xmx1g (1 GB) 32 GB -Xmx2g (2 GB) 64 GB -Xmx4g (4 GB) This option the size of the JVM free memory to swallow the table catalog. Because the default values automatically use this option to replace the default value only when absolutely necessary by changing the argument -Xmx<default_value>g. For example, you can use the following command to increase the maximum free memory size to 2 GB: tsm</default_value> </default_value> </default_value> set -k noninteractive.vmopts -v -XX:+UseConcMarkSweepGC -Xmx2g -XX:+ExitOnOutOfMemoryError For more information see memory for non-interactive microserves containers. Default value: 8060 port that PostgreSQL listens to. Specifies the computer name of the node with the preferred repository installed. This value is used if the --preferred or -r option is set with the tsm topology failover store command. Example: tsm configuration set -k pgsql.preferred_host -v<host_name> Note: host_name is case sensitive and must match the node name displayed in the output of the tsm state -v. Default value: 8061 port used to verify the integrity of the PostgreSQL database. See tsm support backup for more information. Recommendations.Enabled default value: true Controls feature for recommendations that provides recommendations for data sources and tables (for Tableau Desktop) and view recommendations (for Tableau Server). Recommendations are based on the popularity of content and content used by other users identified as similar to the current user. recommendation.vizrecs.enabled default value: True control recommendations for Tableau Server users. This option is a child of recommendation.enabled and will not have an effect if the parent option is set to false. When the parent option is set to true and this option is set to false, data sources and tables will continue to be recommended to Tableau Desktop users, but Tableau Server view recommendations will be disabled. redis.max_memory_in_mb default: 1024 sets the size in megabytes of the cache server to the external query cache. refresh_token.absolute_expiry_in_seconds Default Value: 31536000 Sets the number of seconds for absolute refresh expiration and tag access. Tokens are used by clients (Tableau Mobile, Tableau Desktop, Tableau Prep, etc.) to authenticate tableau Server after the initial logon. This configuration key also arranges the expiration of an access token. All refresh and access symbols are type OAuth token. To remove restrictions, set -1. To disable OAuth tokens, see Disable automatic client authentication. refresh_token.idle_expiry_in_seconds default value: 1209600 specifies the number of seconds when empty AUT tags will expire. OAuth tokens are used by clients to authenticate a Tableau server after the initial logon. To remove restrictions, set -1. refresh_token.max_count_per_user default value: 24 Specifies the maximum number of refresh marks that can be issued for each user. If user sessions have expired faster than you expect, either increase this value or set it to -1 to completely remove on a marker. rsync.timeout Default value: 600 Longest allowable time in seconds to complete file synchronization (600 seconds = 10 minutes). File synchronization is done as part of high </host_name> </host_name> system and repository processes. schedules.display_schedule_description_as_name default value: false Controls whether a schedule name is displayed when you create a subscription or retrieve an update (default), or the name Description of the scheduling frequency describing the time and frequency of the schedule display. To configure Tableau Server to display a time zone of schedule names, set this value to true. When true, the Frequency Schedule description is also displayed after the schedule name on the Schedule List page. schedules.display_schedules_in_client_timezone default value: True displays the schedule frequency description in the user's time zone when it is true (uses the time zone of the browser client to calculate the schedule frequency description). Added in version 2019.1. Default value, in milliseconds: 100,000 Indicates, in milliseconds, the time search "Search &. "View" will wait to connect to the search server &quotSearch " Browse". On particularly busy Tableau Server computers, or if you see registry errors failed zookeeper health check. Refusing to start SOLR. increase this value. For more information, see Client session timeout. Added in version 2019.1. Default value: -Xmx512m -Xms512m -XX:+ExitOnOutOfMemoryError -XX:-usePerfData sets JVM options for SOLR. Of all the configurable options, the maximum free memory configured by the -Xmx parameter is the most important when setting up a searchserver. In most cases, this must be set as high as possible, up to 24 GB, based on the physical memory available on the Tableau Server computer. To change only the maximum free memory, specify the entire default string, but only change the value for -Xmx. Valid values for -Xmx depend on the available memory on the tableau server, but cannot be greater than 24 GB. For more information, see Search and view Max Free Memory. Added in version 2020.1. Default value, in milliseconds: 300000 Indicates, in milliseconds, the Tableau Server time should wait for a successful zookeeper health check at startup. On particularly busy Tableau Server computers, or if you see registry errors failed zookeeper health check. Refusing to start SOLR. increase this value. For more information, see Zookeeper connection check time check at startup. Default value, in milliseconds: 100,000 Indicates, in milliseconds, the time, search, and view clients will wait for a connection to be established with the Coordination Office (Zookeeper). For more information, see Client session timeout. Added in version 2020.3. Default value: 0 (no limit) Specifies the maximum number of data cells that downloaded from a data view to a CSV file. By default, there is no limit. Specify the number of cells. For example, you set a limit of 3 million: tsm configuration set -k ServerExportCSVMaxRowsByCols -v 3000000 tsm pending changes are applied service.jmx_enabled default mode The true setting allows JMX ports for optional monitoring and troubleshooting. service.max_procs Default value: <number> Maximum number of server processes. service.port_remapping.enabled default value: True Determines whether Tableau Server will try to dynamically remap ports when default or configured ports are unavailable. Setting up fake disables dynamic port resetting. session.ipsticky default value: False makes client sessions valid only for the IP address that was used to log on. If the request is made from an IP address other than that associated with the session tag, the session token is considered invalid. In certain circumstances, for example, when Tableau Server is accessed by computers with known and static IP addresses, this setting may result in improved security. Note Think carefully about whether this setting will help your server security. This setting requires the client to have a unique IP address and IP address that remains the same for the duration of the session. For example, different users behind a proxy server may look like the same IP address (namely the IP address of the proxy server); in this scenario, one user may have access to another user's session. In other circumstances, users may have a dynamic IP address and their address may change during the session. If so, the user must sign in again. sheet_image.enabled Default Value: True Controls whether you can get images for views with rest API. For more information, see REST API REFERENCE. solr.rebuild_index_timeout default value: 7200 When a Tableau server upgrade or a .tsbak file is restored, the background task restores the search index. This setting, in seconds, controls the time-out setting for this task (7,200 seconds = 120 minutes). Default value: HIGH:MEDIUM:!aNULL:! 1000000000000000 10000000000000000000000000000000 Camellia:! Idea:! SEED Defines code algorithms that are enabled for SSL. For acceptable values and formatting requirements, see SSLCipherSuite (The link opens in a new window) on the Apache website. Default value: False Controls whether email notifications are enabled to monitor disk space on the server. By default, email notifications are enabled. To enable disk space monitoring notifications, set this to true. SMTP must be configured to send notifications. For details, see Configure SMTP setup. Default value: 20 Warning threshold of remaining disk space, as a percentage of total disk space. If disk space falls below this threshold, a warning message is sent. Default value: 10 Critical threshold of remaining disk percentage of total disk space. If disk space falls below this threshold, a critical notification is sent. Default value: 60 How often, in minutes, that email notifications should be sent when disk space tracking and threshold crossing is enabled. Default value: true </number> </number> whether the free disk space history is saved and is available for viewing in Administrative Views. To disable storing monitoring history, set the storage.monitoring.record_history_enabled false. Default value: False Controls whether subscriptions are system-wide configurable. See Set up a subscription site. Default value: 1800 Time duration, in seconds, for a view in a workbook subscription task to be rendered before the task expires. If this period is reached while rendering a view, rendering continues, but each subsequent view in the workbook is not rendered and the to-do ends by mistake. In the case of a workbook with one view, this value will never cause rendering to stop because of a time-out. Default value: False controls whether email notifications are enabled for server process events. By default, notifications are sent when processes drop, fail, or restart. To enable process notifications on the server, set this to true. SMTP must be configured to send notifications. For details, see Configure SMTP setup. Note Added in version: 2020.1.8, 2020.2.5, 2020.3.1 default value: false Controls whether subscription HTML MIME attachments are sent as multipending/related (default) or multi-tea/mixed. To enable the iOS Mail application to open these attachments correctly, set this to true. Default value: 120 controls how long session cookies are valid. By default, this is set to 120 minutes. This value also determines how long embedded credentials in a node boot file are valid. For more information, see tsm topology nodes get-bootstrap-file. Note Added in version 2020.3.0 Default value: Information Logging level for service data source properties. This is dynamic configuration, so if you only change this, you do not have to restart Tableau Server. For more information, see Change logging levels. tomcat.http.maxrequestsize Default value: 16380 The maximum size (bytes) of header content that is enabled to pass through the Apache gateway of HTTP requests. Headers that exceed the value of this option will cause browser errors such as HTTP error 413 (object request too large) or authentication errors. A low value for tomcat.http.maxrequestsize may cause authentication errors. Single sign-on solutions that integrate with Active Directory (SAML and Kerberos) often require large authentication tokens in HTTP headers. Be sure to test HTTP authentication scenarios before deploying in production. We recommend that you set the option with the same value that you have set for this option. tomcat.https.port Default value: 8443 SSL port for Tomcat (unused). tomcat.server.port Default: 8085 Port that tomcat listens to for shutdown messages. Default value: information Registration level for microserves in an interactive microservise container and non-interactive microservise microservise This dynamic configuration starts in version 2020.4, so if you only change this you do not have to restart Tableau Server. For more information, see Change logging levels. Default value: TSM Services Information Logging Level. These logs include information that may be useful if you experience problems with TSM services: Administration Agent, Administration Administrator, Client File Service, Cluster Controller, Service Manager, and Licensing Service. This configuration key does not change the logging level for process coordination or support. For more information, see Change logging levels and table on server processes. Default value: Data logging level for control_<app> Services. These logs include information that may be useful if running in problems, starting or reconfiguring the TSM or Tableau server process. For more information, see Change logging levels. Default value: false Determines whether email addresses and display names of users change (even when they change in Active Directory) when an Active Directory group is synchronized in Tableau Server. To make sure that user email addresses and display names are updated during synchronization, set the vizportal.adsync.update_system_user true, and then restart the server. Default value: True When set to true, allows users to delete comments in views. You can delete a comment if you created it, be a content owner, a project manager with an appropriate site role, or an administrator. To learn which site roles are needed for full access to a project manager, see Project-level administration. vizportal.csv_user_mgmt.index_users default value: true Specifies whether the site users indexing is done by the user when you import or delete users with a CSV file. When set to true(default indexing) is done, each user is added or deleted. To delay indexing site users while the entire CSV file has been processed, set this to false. vizportal.log.level Default value: Information Logging level for vizportal Java components. Log files are saved in C:\ProgramData\Tableau\Tableau Server\Data\tabsvc\logs\vizportal*.log. Specify debugging for more information. Using the debugging setting can significantly affect performance, so you should use this setting only when it is specified to do so by Tableau support. Note Starting with version 2020.4.0, this is dynamic configuration, so if you only change this you do not have to restart Tableau For more information, see Change logging levels. vizportal.openid.client_authentication Sets a custom client authentication method for OpenID Connect. To configure Tableau Server to use idPs that require client_secret_post, set this value to client_secret_post. vizportal.rest_api.cors.allow_origin Defines the origin(s) that are </app> </app> access to rest API endpoints on the server table when vizportal.rest_api.cors.enabled is set to true. You can specify more than one origin by dividing each item with a comma (,). tsm configuration set -k vizportal.rest_api.cors.allow_origin -v , If vizportal.rest_api.cors.enabled is incorrect, the origin specified by this option is ignored. For more information, see Enable CORS on tableau server. Note: You can use an asterisk (*) as a wild card to match all sites. This is not recommended as it allows access from any origin that has access to the server and may pose a security risk. Do not use an asterisk (*) unless you fully understand the consequences and risks to your site. vizportal.rest_api.cors.enabled default value: False controls on whether Tableau Server enables cross-origin resource sharing (CORS). When set to true, the server allows web browsers to access Tableau REST API endpoints. You can use this option and rest API to create custom portals. By default, this feature is not enabled. To specify which origin(s) have access, use the vizportal.rest_api.cors.allow_origin option. Only the origin specified with this option is allowed to query the Tableau Server REST API. For more information, see Enable CORS on tableau server. vizqlserver.allow_insecure_scripts default value: false Allows the workbook to be published to the server by Tableau Desktop and opened from the server, even if the workbook contains SQL or R expressions that are potentially unsafe (for example, sql expression that could potentially allow SQL injection). When this setting is false (default), publishing a workbook or opening it from the server results in an error message, and the workbook is blocked. Before you set this value to true view the knowledge base article, block or allow insecure scripts tableau Server(link opens in a new window). the default value of vizqlserver.browser.render: True views below the threshold set by vizqlserver.browser.render_threshold or vizqlserver.browser.render_threshold_mobile are provided by the client web browser instead of the server. See Configure client-side rendering for details. vizqlserver.browser.render_threshold Default value: 100 The default value represents a high degree of complexity for a view displayed on a computer. Complexity factors include the number of markers, headers, reference rows and an notations. Views that exceed this level of complexity are displayed by the server instead of in the computer's web browser. vizqlserver.browser.render_threshold_mobile Default value: 60 by default represents a high degree of complexity for a view displayed on a tablet. Complexity factors include the number of markers, headers, reference rows and an notations. Views that exceed this level of complexity are provided by the server instead of the tablet tablet Browser. Default value: False determines whether VizQL sessions are stored in memory when a user moves from view or close their browser. The default value (false) saves sessions to memory. To close VizQL sessions when you leave a view or close a browser, set this to true. Note Added in version 2020.4.0 Default value: false Determines whether the Tableau server is running offline for maps. This is useful in unrelated environments where internet and card server access is restricted. To enable offline map mode, set this value to true. For more information about installing and configuring Tableau Server in an environment without Internet access, see Install Tableau Server in an off (Air-Gapped) environment. vizqlserver.geosearch_cache_size Default value: 5 Specifies the maximum number of different language/search language geographic data that can be reloaded into the server's memory at the same time. When the server receives a search query for a localized/language data set that is not in memory, it will load the pool into memory. If loading the data set will exceed the specified limit, the least recently used language/language data set will be cleared from memory so that the requested data set can be loaded. The minimum value is 1. Each cache takes approximately 60 MB of memory (so if you set this to 10, the memory usage will be 600 MB (60*10). vizqlserver.initialsql.disabled default value: False Specify whether to ignore the original SQL reports for all data sources. Set this to true to ignore the original SQL: tsm configuration set -k vizqlserver.initialsql.disabled -v true vizqlserver.log.level Default value: information logging level for vizportal Java components. Logfiles are saved in C:\ProgramData\Tableau\Tableau Server\data\tabsvc\logs vizportal*.log. Set debugging for more information. Using the debugging setting can significantly affect performance, so you should only use it when you are specified to do so by Tableau support. Note: Starting with version 2020.3.0 , this is dynamic configuration, so if you only change this you do not have to restart Tableau Server. For more information, see Change logging levels. They've been since 1999. NumberOfWorkbookChangesBetween default ValueAutoSaves: 5 Automatically restore web authoring configuration. Specifies the number of changes a user needs to make to trigger auto-save. Be careful when changing this value. Auto-restore functionality can affect web authoring performance and other viz-related operations on Tableau We recommend setting this value by incremental corrections over time. vizqlserver.port default value: 9100 primary port for VizQL servers. vizqlserver.protect_sessions default value: True When set to true, prevents VizQL sessions from being reused after the original user logs off. vizqserver.querylimit default value: 1800 Longest time to update the seconds. 1800 seconds = 30 minutes. They've been since 1999. RecoveryAttemptLimitPerSession Default Value: 3 Automatic Recovery Configuration for Web Authoring. The maximum number of attempts to restore the same session. Be careful when changing this value. Auto-restore functionality can affect web authoring performance and other viz-related operations on Tableau Server. We recommend setting this value by incremental corrections over time. vizqlserver.session.minimum Default value: 5 minutes downtime, after which the VizQL session may be rejected if the VizQL process starts to run out of memory. vizqlserver.session.expiry.timeout Default value: 30 minutes downtime, after which the VizQL session is rejected. vizqlserver.sheet_image_api.max_age_floor Default value: 1 the amount of time, in minutes, cache images that are generated by the REST API query view method. For more information, see rest api reference (link opens in new window) in REST API Help. vizqlserver.showdownload Default value: True Controls the display of the Workbook Table option on the Download in Views menu. When set to false, the Tableau Workbook option is not available. Default value: true Controls the display of sharing options in views. To hide these options, set to false. Note Users can replace the default server by setting the showShareOptions parameter or url. vizqlserver.url_scheme_whitelist Specifies one or more URL schemas to allow (safe list) when you use actions with a URL (link opens in a new window) of views and dashboards. Schemes http, https, gopher, mailto, news, SMS, tel, tsc and tsl are enabled (safe in the list) by default. This command can contain multiple values separated by comma and space, such as in this example: tsm configuration set -k vizqlserver.url_scheme_whitelist -v scheme1, scheme2 The values that you set overwrite previous settings. Therefore, you must include the full list of schemas in the set command. (You cannot change the schema list by running the set command repeatedly.) vizqlserver.web_page_objects_enabled default value: True controls whether web page objects in dashboards can display destination URLs. To prevent web pages from appearing, set the page to false. They are from the 1999 WorkbookPolarge toCheckpointSizeKiB by default: 1024 automatic recovery of web authoring configuration. The size limit (KB) for a workbook that will automatically save. Workbooks larger than this value will not be automatically saved. Be careful when changing this value. Functionality Automatic recovery may affect web authoring performance and other viz-related operations on Tableau Server. We recommend setting this value by incremental corrections over time. refresh.enabled rejected. Instead, use tsm data access web-data-connectors to allow instead. Determines whether retrieval refreshes for web data connectors (WDCs) enabled Table on the server. To disable refresh for all WDCs, set the value of this key to false as shown below: tsm configuration set --key webdataconnector.refresh.enabled --value false To learn more, see Web Data Connectors in tableau server. webdatas.whitelist.fixed rejected. Instead, use tsm data access web-data connectors added instead. Specifies one or more Web Data Connectors (WDCs) that can be used to access data connections available over HTTP or HTTPS. This command is formatted as JSON data on one row, with all double quotation marks () escaped using a backslash (\). For example, to add to the Safe Places list for movies in San Francisco: tsm set --key webdataconnector.whitelist.fixed --value {\ \: {\properties\: {secondary_whitelist\: [\(*)} }' To learn more, see Web Data Connectors in Tableau Server. Webdanid.Enabled Rejected. Instead, use tsm data access web-data-connectors allow instead. Default value: true When set to true, you can use tsm commands to manage web data connectors on the server. webdataconnector.inlist.mode Default value: mixed determines how tableau server can run web data connectors. Supported modes are: mixed. Users can run connectors that are in a list of allowed addresses (safe list). This mode initially allows users to run WDCs that have been imported. Importing WDCs is no longer supported. Fixed. Users can run connectors , which are in a list of allowed addresses (safe list). Uncertain. Users can run any connector. Important: Use the insecure option only for development and testing. Because connectors run custom code, running connectors that have not been checked may pose a security threat. wgserver.audit_history_expiration_days default value: 183 determines the number of days after which historical event records are removed from the PostgreSQL database (tableau server database). wgserver.change_owner.enabled default value: True Controls whether ownership of a workbook, data source, or project can be changed. Other options include fake and admin only. wgserver.clickjack_defense.enabled default value: True When set to true, it helps prevent a malicious person from clicking a tableau Server user. In a clickjack attack, the landing page is displayed transparently on the second page, and the attacker receives the user to click or enter information on the landing page while the user thinks they are interacting with the second page. For more information, see Default value: The value of %USERDOMAIN% The domain name of the active Directory server can be used. Default value: Null enables connection from Tableau server to Active Directory secondary domains. The secondary domain is that the Tableau server connects to synchronize users, but is a domain where the tableau server is not installed. Table for will try to connect to secondary domains to synchronize users and groups. In some cases, Tableau Server may not be able to connect to a secondary domain, which will cause the error, domain not in whitelist (errorCode = 101015). Setting the wgserver.domain.whitelist option is required by a security vulnerability patch, [important] ADV-2020-003: Tableau server forced authentication(connection opens in new window). As of February 2020, the fix for this vulnerability has been included in all the latest versions and support versions of Tableau Server. To set this option, enter the secondary domain enclosed by double quotation marks. Multiple domains must be separated by comma and space. For example, the tsm configuration set -k wgserver.domain.whitelist -v example.org, domain.com. Wildcard functionality is not supported. For example, if Tableau connects to sub1.example.org and sub2.example.org, both domains should be added. Updating the wgserver.domain.whitelist option overwrites the existing value. Therefore, if you add a new domain to an existing set of domains stored in the value, you include all existing domains with the new domain when you set the option. You can retrieve the full list of existing domains by running the tsm configuration get -k wgserver.domain.whitelist. wgserver.extended_trusted_ip_checking default value: Falsely applies IP client matching to trusted ticket requests. wgserver.restrict_options_method default value: True controls whether Tableau Server accepts HTTP option requests. If this option is set to true, the server returns HTTP 405 (the method is not enabled) for HTTP options requests. wgserver.saml.idpattribute.username Specifies the name of the attribute in which your SAML IdP stores user names. By default, this is set to a user name. If the attribute name that uses idP contains spaces, apply it in quotation marks. For more information, see Configure the saml server or Configure a specific SAML site. wgserver.saml.iframed_idp.enabled Default Value: False default means that when users select the sign-in button in built-in view, the IDP I/O form opens in a pop-up window. When you set the true and server SAML user who is already logged on to a navigation webpage with built-in view, the user will not have to log on to view the view. You can set this to true only if IdP supports iframe logon. The iframe option is less secure than using a pop-up window, so not all IDPs support it. If idp logon on the page runs security clicks like most, the logon page cannot be displayed in the iframe, and the user cannot sign in. If your IdP supports iframe sign-in, you may need to explicitly enable it. this, even if you can use this option, it disables tableau Server protection when clicking on SAML, so it still poses a security risk. working time Value: 3000 Sets the maximum number of seconds since creating that SAML confirmation is usable. wgserver.saml.responseskew default value: 180 Determines the maximum number of seconds difference between Tableau Server time and assertion creation time (based on IDP server time) that still allows the message to be processed. wgserver.session.apply_lifetime_limit default value: False controls whether there is a session duration for server sessions. Set this to truefor configuring server session life. wgserver.session.idle_limit default value: 240 Number of minutes of downtime before you log on to the web application times. wgserver.session.lifetime_limit default value: 1440 The number of minutes of session on the server persists if a session duration is set. The default is 1,440 minutes (24 hours). If wgserver.session.apply_lifetime_limit is not false (default), this is ignored. wgserver.unrestricted_ticket default value: false Determines whether to extend access to server resources for users authenticated with trusted tickets. The default behavior allows users to access views only. Setting this to true allows users with valid trusted tickets to access server resources (projects, workbooks, etc.) as if they were logged in with their credentials. workerX.gateway.port Default value: 80 (443 if SSL) external port that Apache listens to for workerX (where worker is the term used for subsequent server nodes in the cluster). Worker0.gateway.port is a Tableau server external port. In a distributed environment, the employee0 is the original Tableau server node. value default: <number> number of VizQL servers. zookeeper.config.snapCount Determines the number of transactions needed to create a snapshot of the logs by the coordination office. By default, this value is 100,000 transactions. If your coordination service is not enough to record transactions to result in photos, automatic photo cleanup older than five days will not take place and you may lose disk space in transaction logs. By default, transactions and photos are created in the Tableau data directory. Thanks for the feedback! An error occurred while sending feedback. Please try again. Again. </number>

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