Parameter	Type I	Type II	Context	Default Value	Format	Description
AdminHost	Static	Required	Config & Admin	localhost	AdminHost=hostname1;hostname2 (Windows) AdminHost=hostname1:hostname2 (UNIX)	Specifies the computer name or IP address of the Admin Host on which a Cognos TM1 Admin Server is running.
AllowReadOnlyChoreReschedule	Static	Optional	User Capabilities	F	AllowReadOnlyChoreReschedule=T	Provides users with READ access to a chore, and the ability to activate, deactivate, and reschedule chores. When set to T users with READ access to a chore can right-click a chore in Server Explorer, and toggle the Activate Schedule option or choose the Edit Chore option. The scheduling screen lets the user set scheduling parameters for the chore, but does not allow the user to edit the list of processes that compose the chore.
AllowSeparateNandCRules	Static	Optional	Calculation	F	AllowSeparateNandCRules=T	When enabled, this parameter lets you specify rule expressions for N: and C: levels on separate lines using identical AREA definitions. This parameter also effects how numeric and string rules are applied to cells.Without this parameter, the first rule statement that is encountered for a given AREA definition is applied to the cells within the scope of that definition. If any cell within the AREA definition is numeric and the rule is a string rule, then the cell is considered not rule-derived because there was a match that did not apply to the cell.
AllRuleCalcStargateOptimization	Static	Optional	Performance	F	AllRuleCalcStargateOptimization=T	Typically, Cognos TM1 performs calculations for standard consolidations and then calculates values for rule-based consolidations, which may end up overriding values in the standard consolidations. The parameter provides optimization that first checks if every value in the view is rule-calculated and then proceeds as follows: - If every value in the view is rule-calculated, then Cognos TM1 skips the unnecessary calculations for standard consolidations and just performs the rule-calculated consolidations. - If the view contains even a single value which is not rule-calculated, then this optimization parameter will have no effect. When this parameter is set to True, some additional processing will take place for every view that is requested to first check if the view contains only rule-calculated values. For most views, this additional processing is minimal since the optimization is stopped after the first value in the view is found to be not
AuditLogMaxFileSize	Dynamic	Optional	Logging	100 MB	AuditLogMaxFileSize=25 MB	Indicates the maximum file size that an audit log file can grow to before it is closed and a new file is created. This value must include units of KB (kilobytes), MB (megabytes), or GB (gigabytes). The minimum value is 1 KB and the maximum value is 2 GB.
AuditLogMaxQueryMemory	Dynamic	Optional	Logging	100 MB	AuditLogMaxQueryMemory=100 MB	Indicates the maximum amount of memory that IBM Cognos TM1 can use when running an audit log query and retrieving the set of results. This value must include units of KB (kilobytes), MB (megabytes), or GB (gigabytes). The minimum value is 1 KB and the maximum value is 2 GB.
AuditLogMaxTempFileSize	Dynamic	Optional	Logging	100 MB	AuditLogMaxTempFileSize=100 MB	Indicates the maximum file size that the temporary audit log file can grow to before Cognos® TM1® moves the file's data into the final audit log. This value must include units of KB (kilobytes), MB (megabytes), or GB (gigabytes). The minimum value is 1 KB and the maximum value is 2 GB.
AuditLogOn	Static	Optional	Logging	F	AuditLogOn=T	Turns audit logging on (T) or off (F).
AuditLogUpdateInterval	Dynamic	Optional	Logging	60	AuditLogUpdateInterval=60	Indicates the maximum amount of time, in minutes, that IBM Cognos TM1 waits before moving the events from the temporary audit file into the final audit log. You can manually update the audit log with the latest events anytime you want by using the Process Audit Log Events command in Server Explorer.
CalculationThresholdForStorage	Dynamic	Optional	Performance	50	CalculationThresholdForStorage=10	Defines a minimum number of rule calculations required for a single cell or Stargate view, beyond which the server stores the calculations for use during the current server session. For example, when a user requests rule-derived values from the server, either from a single cell or a Stargate view, the server usually has to perform multiple rule calculations to arrive at the requested rule-derived values. The parameter has a direct effect on memory consumption and performance. A high parameter value results in decreased memory consumption and slower performance. A low parameter value results in increased memory consumption and faster performance.
CAMPortalVariableFile	Static	Required*	Config & Admin	None	CAMPortalVariableFile=portal\variables_TM1.xml	The path to the variables_TM1.xml file in your IBM Cognos installation. The CAMPortalVariableField parameter is required only when using BI TM1 Web and the TM1 Server. The variables_TM1.xml file is included as part of the IBM Cognos TM1 BI Interoperability (Viewer Portlets) installation.
CAMSSLCertificate	Static	Required*	Security	None	CAMSSLCertificate=C:\path\ssl\CognosCert.cer	The full path and name of the SSL certificate to be used when connecting to the internal dispatcher. Required only when CAM server is configured to use SSL.

CheckFeedersMaximumCells	Dynamic	Optional	Performance	3,000,000	CheckFeedersMaximumCells=1,000,000	Limits the number of cells checked by the Check Feeders option in the Cube Viewer. When TM1 checks feeders from a highly consolidated cell, it must check all intersections that apply to the cell. In large applications, the server will be unavailable for a significant amount of time while TM1 is checking all intersections. To limit the number of cells checked when using Check Feeders which in turn limits the amount of time the server is unavailable, add the parameter and set the number of cells you want to check.
ClientCAMURI	Static	Optional	Config & Admin	None	ClientCAMURI=http://server/ibmcognos/cgi-bin/cognos.cgi	The URI for the IBM Cognos Server IBM Cognos Connection used to authenticate Cognos TM1 clients.
ClientMessagePortNumber	Static	Optional	Performance	None	ClientMessagePortNumber=5101	This port number establishes a secondary port for client progress messages to use when a lengthy operation is waiting to be cancelled. The default value is blank. By default, this port number is automatically and dynamically assigned when the server starts. You do not have to set ClientMessagePortNumber to a specific number unless firewalls or other network issues require the listener port to be a well-known number.
ClientPingCAMPassport	Static	Optional	Config & Admin	900	ClientPingCAMPassport=900	Indicates the interval, in seconds, that a client should ping the CAM server to keep their passport alive. If an error occurs or the passport expires the user will be disconnected from the server.
ClientPropertiesSyncInterval	Dynamic	Optional	Performance	??	ClientPropertiesSyncInterval=1800	Specifies the frequency (in seconds) at which client properties are updated in the }ClientProperties control cube. Frequent updating can cause unnecessary consumption of CPU time and may cause users from connecting/disconnecting until operation completes.
ClientVersionMaximum	Dynamic	Optional	Config & Admin	Current	ClientVersionMaximum = 9.4.10305	Specifies the maximum client version that can connect to the IBM Cognos TM1 server. The parameter value is expressed as a version string using the following format: m.n.tffhh m = major release number, n = minor release number t = maintenance release number ff = fix pack number hh = hot fix number If your Tm1s.cfg file does not include a ClientVersionPrecision parameter value, only the major release number, minor release number, and maintenance release number are used to enforce compatibility between client and server. If not explicitly set, the default value is equal to the currently installed server version.
ClientVersionMinimum	Dynamic	Optional	Config & Admin	Current	ClientVersionMinimum = 9.4.10305	Specifies the minimum client version that can connect to the IBM Cognos TM1 server. The parameter value is expressed as a version string using the following format: m.n.tffhh m = major release number, n = minor release number t = maintenance release number ff = fix pack number hh = hot fix number If your Tm1s.cfg file does not include a ClientVersionPrecision parameter value, only the major release number, minor release number, and maintenance release number are used to enforce compatibility between client and server.

ClientVersionPrecision	Dynamic	Optional	Config & Admin	None	ClientVersionPrecision=2	This parameter lets you more precisely identify the minimum and maximum versions of clients that can connect to the IBM Cognos TM1 server. The parameter values are expressed as a version string using the following format: m.n.tffhh m = major release number, n = minor release number t = maintenance release number ff = fix pack number hh = hot fix number If not set in Tm1s.cfg or if it is set to 0, only the major release number, minor release number, and maintenance release number are used to enforce compatibility between client and server. You can enforce more precise server and client version compatibility by adding the parameter to the Tm1s.cfg file and setting the parameter to one of the following values. 1 - Indicates that the fix pack number will be enforced, but not the hot fix number. 2 - Indicates that both the fix pack number and hot fix number will be enforced.
CognosInterfacePath	Static	Required*	Config & Admin	None	CognosTM1InterfacePath=C:\path\ibm\cognos\c10\bin	The parameter tells the server where to find the TM1 Package Connector. This is not needed if the TM1_PACKAGE_CONNECTOR environment variable is defined. If this parameter is defined, it overrides the TM1_PACKAGE_CONNECTOR environment variable. The parameter is required only when using the Cognos TM1 Package Connector on UNIX (AIX, Solaris, Linux,).
DataBaseDirectory	Static	Required	Config & Admin	None	DataBaseDirectory=C:\path	Specifies the data directory from which the server loads cubes, dimensions, and other objects. You can list multiple data directories by separating them with semicolons.
DefaultMeasuresDimension	Static	Optional	Config & Admin	F	DefaultMeasuresDimension=T	Identifies if a measures dimension is created. IBM Cognos TM1 does not require that a measures dimension be defined for a cube. You can optionally define a measures dimension by modifying the cube properties. Some OLAP applications do require that a measures dimension be present in all cubes, and may fail if such a dimension is not present. To accommodate these applications, set DefaultMeasureDimension=T to instruct the Cognos TM1 server to automatically define the last dimension in a cube as the measures dimension when a new cube is created on the Cognos TM1 server.
DisableMemoryCache	Static	Optional	Performance	F	DisableMemoryCache=T	Disables the memory cache used by TM1 memory manager. Enable this parameter only to debug memory leaks. When you enable this parameter, there might be a decrease in server performance.
DisableSandboxing	Dynamic	Optional	User Capabilities	F	DisableSandboxing=T	Determines if users have the ability to use sandboxes across the server. When sandboxing is turned on in this way, administrators can Deny or Grant the use of Personal Workspaces or multiple sandboxes on a per usergroup basis using Capability Assignments.
DisableWorksheetView	Static	Optional	Performance	F	DisableWorksheetView=T	DisableWorksheetView disables any VIEW functions contained in slice worksheets. Any slice worksheets containing a VIEW function remain functional, but the function does not generate a Stargate view. Generally, you should disable the worksheet VIEW functions when you work with extremely large row or column dimensions in slice worksheets. The VIEW function generates a Stargate view that contains all row and column dimension elements, and not just those elements contained in the current row and column subsets. With the Stargate view, you might experience decreased performance when, for example, a row dimension contains 9,000 elements but only 20 elements are actually used in the row subset.
Display_Info_DBType_R8	Static	Optional	Config & Admin	F	Display_Info_DBType_R8=T	Instructs the server to store DISPLAY_INFO column data as DBTYPE_R8. By default, Cognos TM1 stores the DISPLAY_INFO as DBTYPE_UI4. When the TM1 OLE DB provider processes a request from ADO 2.7 for the DISPLAY_INFO column data, the provider has to convert TM1 column data from DBTYPE_UI4 to a DBTYPE_R8. The Cognos TM1 OLE DB provider then returns the converted column data to the OLE DB client (ADO in this case). ADO 2.7 expects IRowset::GetData to return an integer, and uses only the first 4 bytes of the converted column data. However, the returned data is an 8-byte real number, and as a result, all information in the last 4 bytes is lost. This causes ADO 2.7 to return zeroes for all the items of the DISPLAY_INFO column.

DistributedPlanningOutputDir	Static	Optional	Config & Admin	.\tunit	DistributedPlanningOutputDir=C:\path\tunit	The parameter defines the directory to which TUnits are written when a Cognos Insight distributed application is deployed. Cognos Insight distributed clients need information called "tunits". This data is created when an application is deployed and is updated as the Cognos TM1 server runs. The location of the directory used for this purpose is set using this parameter.
DownTime	Dynamic	Optional	Config & Admin	None	DownTime = 01:03:30	Specifies a time when the server will come down automatically. The format of the DownTime parameter is dd:hh:mm where: dd is the number of days from today. (00 is today) hhmm is the time of day in 24-hour format. The DownTime parameter is not available when you run the Cognos TM1 server as a Windows service. When you use the DownTime parameter on the UNIX Cognos TM1 server, you must set the RunningInBackground parameter to T. If RunningInBackground=F, the server prompts for confirmation before shutting down and cannot shut down without manual confirmation from an administrator.
ExcelWebPublishEnabled	Static	Optional	Config & Admin	F	ExcelWebPublishEnabled=T	If you plan to use Cognos TM1 Applications without Microsoft Excel installed on the web server where you are running Cognos TM1 Web, you will need to explicitly set the ExcelWebPublishEnabled parameter to True (T) in the tm1s.cfg configuration file for your Cognos TM1 servers. Enables the publication of Microsoft Excel files to IBM Cognos TM1 Web, as well as the export of Excel files from Cognos TM1 Web, when Excel is not installed on the Web Server. You cannot publish Excel 2007 .xlsx files to Cognos TM1 Web when Excel is not available on the Web server. These files must be saved in Excel 2003 .xls format if you want to publish them to Cognos TM1 Web.
ForceReevaluationOfFeedersForFedCells(	Static	Optional	Calculation	F	ForceReevaluationOfFeedersForFedCellsOnDataChange=T	When this parameter is set, a feeder statement is forced to be re-evaluated when data changes. Note that setting this parameter will force more feeder evaluations, which may have a performance impact.
GroupsCreationLimit	Static	Optional	Performance	20	GroupsCreationLimit=50	Sets the maximum number of groups that can be created in one IBM Cognos TM1 server session. The maximum number of groups that can exist on a server is 65535. When Cognos TM1 allocates memory to store security information, the server calculates the amount of memory required based in part on the value of GroupsCreationLimit. In some circumstances when your Cognos TM1 model is large and the GroupsCreationLimit parameter is set to an exceptionally high value, the server will attempt to allocate memory beyond the available capacity on the server. The GroupsCreationLimit value is not enforced when you create groups with the AddGroup function in TurboIntegrator.
IdleConnectionTimeOutSeconds	Dynamic	Optional	Config & Admin	None	IdleConnectionTimeOutSeconds=900	Specifies a timeout limit for idle client connections, in seconds.
IntegratedSecurityMode	Static	Optional	Security	1	IntegratedSecurityMode=5	When set to 1 the Cognos TM1 server checks the user name and password against the user names and passwords in the Cognos TM1 database. When set to 2 it allows you to switch back and forth between integrated login and native Cognos TM1 security. When set to 3 the server uses Integrated Login and uses Microsoft Windows network authentication to control access to Cognos TM1 data. If you use this security mode, you must also set the SecurityPackageName parameter. When set to 4 the server uses IBM Cognos BI security authentication. BI users can belong only to BI groups and any of the three internal Cognos TM1 administrator groups (ADMIN, DataAdmin and SecurityAdmin). Membership in Cognos TM1 user (non-administrator) groups is not supported for Cognos BI users when they log in to Cognos TM1 . When set to 5 the server uses IBM Cognos BI security authentication and supports user groups from both Cognos TM1 and Cognos BI. Use security mode 5 when you are running IBM Cognos TM1 Applications with IBM Cognos BI security.
IPAddress	Static	Optional	Config & Admin	None	IPAddress="130.5.32.0; 130.5.64.0" IPAddress=130.5.32.0: 130.5.64.0 (Unix)	This parameter lets you specify multiple IP addresses for an individual TM1 server. For example, a server can use one IP address for clients within a firewall and a different IP address for clients outside the firewall. When this parameter is used in the Tm1s.cfg file, both the TM1 Server and Admin Server must run on the same computer. If the TM1 Server and Admin Server reside on different computers, you can configure the Admin Server to use multiple IP addresses for an individual TM1 Server by adding an initialization file named Tm1admsrv.ini to the directory where the Admin Server executable resides.

IPVersion	Static	Optional	Config & Admin	ipv4	IPVersion=ipv6 IPVersion=dual IPVersion=ipv4	This parameter indicates the Internet protocol used by theTM1 server to identify IP addresses on the network. If you set this parameter to ipv6 or dual, use the Cognos Configuration tool to change the TM1 Admin Server IP support option to reflect the change. To allow clients to recognize this change, add and set the TM1_IPVersion environment variable in the operating system to ipv6 or dual. Setting this parameter to dual or IPV6 without having the appropriate network running can result in performance degradation. In some cases, depending on your network environment and DNS configuration, you may need to also add the IPv6 address to the /etc/hosts operating system file on UNIX and Windows to successfully run the Admin Server and Server in IPv6 mode.
JobQueueMaxWaitTime	Static	Optional	Performance	100	JobQueueMaxWaitTime=200	When the queue thread runs, it blocks all incoming requests to ensure it can get the locks necessary to process a job on the queue. New requests are blocked for the amount of time (in ms) set in the parameter. If the currently executing requests have not completed in this time, the queue thread goes back to sleep for JobQueueThreadSleepTime and incoming requests are allowed to proceed. To give the queue thread higher priority, set the JobQueueMaxWaitTime to a larger number. If the JobQueueMaxWaitTime parameter is set to zero in the configuration file and Job Queuing is turned on, the queue will keep trying until it can process, effectively locking out any other activity until it is complete.
JobQueueThreadPoolSize	Static	Optional	Performance	1	JobQueueThreadPoolSize=3	Determines the number of threads to process the TM1 Job Queue, providing greater thru-put and processing of sandbox requests when the TM1 server is configured to use Parallel Interaction. When the server is not running in Parallel Interaction mode, this parameter has no effect, and only a single thread is used to process requests in the Job Queue.
JobQueueThreadSleepTime	Static	Optional	Config & Admin	10	JobQueueThreadSleepTime=5	Determines the frequency (seconds) with which the thread processing the queue runs when there are queued jobs.
JobQueuing	Static	Optional	Config & Admin	F	JobQueuing=T	Turns on queuing for Personal Workspace or Sandbox submissions. Set this parameter to T to have all sandbox submissions to process using the Job Queue. When this parameter is set to F or not in the configuration file, sandbox submissions do not process in a queue. When this parameter is turned on, the submission icon displays on the toolbar.
Language	Static	Optional	User Capabilities	English	Language=deu	Sets the language used for the IBM Cognos TM1 server. This parameter applies to messages generated by the server and is also used in the user interface of the server dialog box when you run the server as an application instead of a Windows service. Valid values are: bra, hry, csy, sch, tch, dan, deu, esp, fin, fra, hun, ita, jpn, kaz, kor, nor, pol, rom, rus, sve, trk.
LDAPPasswordFile	Static	Optional*	Security	None	LDAPPasswordFile="C:\path\ldappass.dat"	Defines the password file used when LDAPUseServerAccount=F. This is the full path of the .dat file that contains the encrypted password for the TM1 server Admin Server's private key.
LDAPPasswordKeyFile	Static	Optional*	Security	None	LDAPPasswordKeyFile="C:\path\ldappasskey.dat"	Defines the password key used when LDAPUseServerAccount=F. This parameter uses the full path of the .dat file that contains the key used to encrypt and decrypt the password for the private key. This file must be generated using the tm1crypt utility,
LDAPUseServerAccount	Static	Optional	Security	None	LDAPUseServerAccount=T	Determines if a password is required to connect to the server when using LDAP authentication. Set to T to connect directly to the LDAP server using integrated authentication. Set this parameter to T whenever the IBM Cognos TM1 server and LDAP server exist on the same domain. To use a password before connecting, set this parameter to F. When LDAPUseServerAccount is set to F, you must also set the "LDAPPasswordFile" to successfully connect to the LDAP server using SSL.
LockPagesInMemory	Static	Optional	Performance	F	LockPagesInMemory=T	When this parameter is enabled, Windows trims pages from TM1 process space, but does not page them to disk. If a server running on a Windows 64-bit operating system is idle for a long period of time, physical memory taken up by the server will page out to disk. This is a function of the Windows 64-bit operating system and not Cognos TM1 . This can cause performance degradation in large TM1 databases when trying to access data after an idle period. To maximize performance when running a large Cognos TM1 database on 64-bit Windows, set to T.
LoggingDirectory	Static	Optional	Logging	DataBaseDirectory	LoggingDirectory="c:\path\logdir\"	Specifies the directory to which the server saves its log files.
LogReleaseLineCount	Static	Optional	Logging	5000	LogReleaseLineCount=2500	Sets the number of lines that a search of the Transaction Log will accumulate in a locked state before releasing temporarily so that other Transaction Log activity can proceed.

MaskUserNameInServerTools	Static	Optional	Security	TRUE	MaskUserNameInServerTools=FALSE	Determines whether or not user names in server administration tools (TM1 Top and TM1 Operations Console) are masked until a user is explicitly verified as having administrator access.
MaximumCubeLoadThreads	Static	Optional	Performance	0	MaximumCubeLoadThreads=3	Specifies whether the cube load and feeder calculation phases of server loading are multi-threaded, so multiple processor cores can be used in parallel. To run in multi-threaded mode, you should set the number of processor cores on the Cognos TM1 server that you want to dedicate to cube loading and feeder processing. Generally, the best performance is achieved when the parameter is set to a value equal to (number off available processor cores) - 1. When set to 0, cube loading and feeder processing is NOT multi-threaded. When enabled, Cognos TM1 cannot manage the order in which feeders are calculated. There may be cases where processing order has an adverse effect on your application due to some order-of-evaluation dependencies in the multi-threaded environment. If your model uses conditional feeders where the condition clause contains a fed value, you should set 0 or exclude the parameter from the Tm1s.cfg file to disable the use of multiple threads at load time.
MaximumLoginAttempts	Dynamic	Optional	Security	3	MaximumLoginAttempts=5	Sets the maximum number of failed user login attempts permissible on the server.
MaximumMemoryForSubsetUndo	Dynamic	Optional	User Capabilities	10240	MaximumMemoryForSubsetUndo=20480	Sets the maximum amount of memory, in kilobytes, to be dedicated to storing the Undo/Redo stack for the Subset Editor. Generally, larger subsets require greater amounts of memory to store a usable Undo/Redo stack.
MaximumSynchAttempts	Static	Optional	Config & Admin	1	MaximumSynchAttempts=5	Sets the maximum number of times a synchronization process on a planet server will attempt to reconnect to a network before the process fails. You can use the MaximumSynchAttempts parameter to improve the stability of a synchronization process that is running over an unstable network connection such as a long distance wide area network (WAN) with high latency, poor bandwidth and poor transmission quality. A value of 0 means unlimited network connection attempts.
MaximumTILockObjects	Static	Optional	Performance	2000	MaximumTILockObjects=1000	The server configuration parameter MaximumTILockObjects in tm1s.cfg controls the growth of the list of created TurboIntegrator lock objects. When the number of lock objects in the list has reached MaximumTILockObjects, the server starts a cleanup operation. It removes some lock objects from the list if they are not used by any TurboIntegrator process at that moment.
MaximumUserSandboxSize	Dynamic	Optional	Config & Admin	100(32bit) 500(64bit)	MaximumViewSize=250	Sets the maximum amount of RAM memory (in MB) to be allocated per user for personal workspaces or sandboxes.
MaximumViewSize	Dynamic	Optional	Config & Admin	100(32bit) 500(64bit)	MaximumViewSize=250	Sets the maximum amount of memory (in MB) to be allocated when a user accesses a view.
MaxUndoHoldLineCount	Dynamic	Optional	Performance	5000	MaxUndoHoldLineCount=1000	Determines how long an Undo or Redo operation locks the Tm1s.log file. When the Tm1s.log file grows to sizes of 1 GB or larger, an Undo or Redo operation can lock the Tm1s.log file for an unacceptably long period, preventing other threads from accessing the log file. MaxUndoHoldLineCount lets you specify the interval, expressed as the number of records to be processed between lock releases, at which an Undo or Redo operation allows other threads to access the Tm1s.log file.
MessageCompression	Static	Optional	Performance	T	MessageCompression=F	Enables message compression for large messages that significantly reduces network traffic.
NetRecvBlockingWaitLimitSeconds	Static	Optional	Performance	0	NetRecvBlockingWaitLimitSeconds=1	This parameter instructs the Cognos TM1 server to perform the wait as a series of repeated shorter waits and gives the server the opportunity to cancel or pause the thread. When set to zero (the default) the legacy behavior of one long wait is used.
NetRecvMaxClientIOWaitWithinAPIsSeco	Static	Optional	Config & Admin	0	NetRecvMaxClientIOWaitWithinAPIsSeconds=2	Maximum time for a client to do I/O within the time interval between arrival of the first packet of data for a set of APIs through processing until response has been sent. This parameter is designed to protect against connections that go dead but do not raise a socket error or create other possibilities such as a hung client. Default value is 0 which means no time limit.
ParallelInteraction	Static	Optional	Performance	T	ParallelInteraction=F	Turns Parallel Interaction on or off for all of the user-created and control cubes in a TM1 se
PasswordMinimumLength	Dynamic	Optional	Security	None	PasswordMinimumLength=8	Specifies a minimum password length for clients accessing the server. This parameter only affects passwords set or changed after the parameter had been set.
PasswordSource	Static	Optional	Security	TM1	PasswordSource=LDAP	Compares user-entered password to the stored password. By default TM1 compares the user-entered password to the password in the TM1 database. When set to LDAP it compares the user-entered password to the password stored in on the LDAP server.
PerformanceMonitorOn	Static	Optional	Logging	F	PerformanceMonitorOn=T	Automatically starts populating the }Stats control cubes when a server starts.

PersistentFeeders	Static	Optional	Performance	F	PersistentFeeders=T	To improve reload time of cubes with feeders, set the PersistentFeeders configuration parameter to true (T) to store the calculated feeders to a .feeders file. When this parameter is set to T and the server encounters a persistent feeder file, it loads the saved feeders which reduces the time normally taken to recalculate those feeders. Feeders are saved when the data is saved or rules are edited. You do not explicitly save the feeders.
PortNumber	Static	Optional	Config & Admin	5000	PortNumber=5100	The port on which the Cognos TM1 server runs. Valid port values fall between 5000 and 49151.
PrivilegeGenerationOptimization	Static	Optional	Performance	F	PrivilegeGenerationOptimization=T	When the TM1 server generates security privileges from a security control cube, it reads every cell from that cube. If the security control cube is sparsely populated, this results in unnecessary processing and a longer loading time. When this parameter is set to T, the Cognos TM1 server will read only the populated cells in security cubes. If you populate the security settings via rules and want to use this parameter, you must write feeders for the rules that populate your security cubes. Because security settings are stored as strings, the rules that populate your security cubes must include the FeedStrings function.
ProgressMessage	Static	Optional	Performance	T	ProgressMessage=F	This parameter determines whether users have the option to cancel lengthy view calculations. When set to T a dialog box opens that allows the user to Stop Building View. A unique Port Number using ClientMessagePortNumber can be assigned. This additional port allows these progress messages to travel via a secondary port so that server processing can continue without tying up thread reserves.
ProportionSpreadToZeroCells	Static	Optional	Calculation	T	ProportionSpreadToZeroCells=F	Allows you to perform a proportional spread from a consolidation without generating an error when all the leaf cells contain zero values. In this case, Cognos TM1 applies an equal spread to the empty cells when the ProportionSpreadToZeroCells parameter is enabled.
RawStoreDirectory	Dynamic	Optional	Logging	DataBaseDirectory	RawStoreDirectory="c:\path\logdir\"	Indicates the location of the temporary, unprocessed log file for audit logging if logging takes place in a directory other than the data directory.
ReceiveProgressResponseTimeoutSecs	Dynamic	Optional	Performance	None	ReceiveProgressResponseTimeoutSecs=20	When the server is performing operations for a client, periodic "progress" messages are sent to the Cognos TM1 client application. The client responds to these messages with an indication of whether the user has pressed the Cancel button, in which case the lengthy operation is terminated. When the parameter is set to a valid interval (in seconds), the server process will terminate the client connection, releasing any resource locks, if the server does not detect the client application's response within the specified interval. When ClientMessagePortNumber is available, ReceiveProgressResponseTimeoutSecs is not used.
RulesOverwriteCellsOnLoad	Static	Optional	Calculation	T	RulesOverwriteCellsOnLoad=F	Prevents cells from being overwritten on server load in rule-derived data. If this parameter is set to True or is not present, whenever the server loads, rule-derived cells are wiped to zero. The data value in those cells is lost even if the rule is subsequently changed so that the cell is no longer rule-derived. If you are changing rules and the rules may, due to various edits, cause some cells which have data to become rule-derived, add RulesOverwriteCellsOnLoad=F to the configuration file.
RunningInBackground	Static	Optional	Config & Admin	F	RunningInBackground=T	When set to T, a UNIX IBM Cognos TM1 server runs in background mode.
SaveTime	Dynamic	Optional	Config & Admin	None	SaveTime=01:02:05	Sets the time of day to execute an automatic save of server data; saves the cubes every succeeding day at the same time. As with a regular shutdown, SaveTime renames the log file, opens a new log file, and continues to run after the save. The SaveTime parameter is not available when running the Cognos TM1 server as a Windows service.
SecurityPackageName	Static	Optional	Security	Kerberos	SecurityPackageName=Kerberos SecurityPackageName=NTLM	SecurityPackageName parameter defines the security package that authenticates your user name and password in Microsoft Windows. Use NTLM for older Windows installations,
ServerCAMURI	Static	Optional	Config & Admin	TBD	ServerCAMURI=http://server:port/p2pd/servlet/dispatch	Specifies the URI for the internal dispatcher that the IBM Cognos TM1 server should use to connect to CAM.
ServerLogging	Static	Optional	Logging	F	ServerLogging=T	Generates a log " Tm1server.log" with the security activity details on the IBM Cognos TM1 server that are associated with Integrated Login. If ServerLogging=T is set, you must rename the Cognos TM1 server message logfile tm1server.log by editing the corresponding parameter in the logger configuration file tm1s-log.properties file.
ServerName	Static	Optional	Config & Admin	TBD	ServerName=servername	Sets the name of the IBM Cognos TM1 server. If you do not supply this parameter, Cognos TM1 names the server Local and treats it as a local server.

ServicePrincipalName	Static	Optional	Config & Admin	TBD	ServicePrincipalName=SPN	Specifies the service principal name (SPN) when using Integrated Login with TM1 Web and constrained delegation. The value you set here must match the service name that has also been mapped to a domain account on the Active Directory domain controller using the Microsoft command-line tool, setspn.exe. For example, if you use setspn.exe to add an SPN as follows: setspn -a FPM/TM1 WbSvr_Account then you need to set the parameter like this: ServicePrincipalName=FPM/TM1
SkipLoadingAliases	Static	Optional	Performance	F	SkipLoadingAliases=T	Use SkipLoadingAliases to speed up the loading of the server and updating of views by skipping the loading of aliases.
SkipSSLCAMHostCheck	Static	Optional	Security	FALSE	SkipSSLCAMHostCheck=TRUE	Indicates whether the SSL certificate ID confirmation process can be skipped. This parameter should be set to True only if using a generic certificate for demonstration purposes.
SpreadingPrecision	Dynamic	Optional	Calculation	1e-8	SpreadingPrecision=1e-4	Floating point arithmetic on computers is not 100% precise. When a computer calculates very small numbers, a margin of error is applied to the calculation. If the computer adds a set of numbers, and the resulting sum is close to the target value within the margin of error, the sum is considered accurate. This parameter specifies the margin of error for spreading consolidated (hold) calculations.
StartupChores	Static	Optional	Config & Admin	TBD	StartupChores=ChoreName1:ChoreName2:ChoreNameN	StartupChores is a configuration parameter that identifies a list of chores that run at server startup. The value of the configuration parameter can be retrieved by a client application as a Server property called StartupChores using the existing TM1ObjectPropertyGet call.
SubsetElementBreatherCount	Dynamic	Optional	Performance	-1	SubsetElementBreatherCount=0	When set to -1 the Cognos TM1 server never releases the lock on subsets when other requests for the subset are pending. It can optimize view performance for a single user, but at the cost of multi-user concurrency. When set to 0 the Cognos TM1 server releases the lock on subsets when other requests for the subset are pending, then reacquires the lock after pending requests are processed. This setting improves performance when multiple users attempt to access the same subset, particularly when the subset contain more than 100 elements.
SyncUnitSize	Static	Optional	Config & Admin	1000	SyncUnitSize=1000	Sets the frequency of saving a check point during a synchronization process in case there is a network connection failure. If you configure both the SyncUnitSize and MaximumSynchAttempts parameters and a synchronization process is interrupted by a network connection failure, the process will attempt to reconnect and complete the synchronization starting from the last check point. SyncUnitSize=n where n represents the number of synchronization records written to the transaction log file, Tm1s.log, after which a check point will be saved.
UseLocalCopiesforPublicDynamicSubsets	Static	Optional	Performance	T	UseLocalCopiesforPublicDynamicSubsets=F	Allows public dynamic subsets to improve performance and reduce locking by using local copies of the subset when possible.
UserDefinedCalculations	Dynamic	Optional	User Capabilities	T	UserDefinedCalculations=F	Enables user-defined consolidations on an IBM Cognos TM1 server.
UseSQLExtendedFetch	Dynamic	Optional	Source	F	UseSQLExtendedFetch=T	TM1 tries to determine and use the most efficient SQL fetch call possible in a TI that connects with an ODBC driver. If TM1 receives no response, the process will result in an error unless you instruct TM1 to use a particular fetch call. This parameters instructs TM1 to use a UseSQLExtendedFetch fetch call in a TI that connects to an ODBC source. You must ensure that the call specified in Tm1s.cfg is appropriate for the ODBC driver being accessed, and you can specify only one of these parameters in Tm1s.cfg.
UseSQLFetch	Dynamic	Optional	Source	F	UseSQLFetch=T	TM1 tries to determine and use the most efficient SQL fetch call possible in a TI that connects with an ODBC driver. If TM1 receives no response, the process will result in an error unless you instruct TM1 to use a particular fetch call. This parameters instructs TM1 to use a UseSQLFetch fetch call in a TI that connects to an ODBC source. You must ensure that the call specified in Tm1s.cfg is appropriate for the ODBC driver being accessed, and you can specify only one of these parameters in Tm1s.cfg.
UseSQLFetchScroll	Dynamic	Optional	Source	F	UseSQLFetchScroll=T	TM1 tries to determine and use the most efficient SQL fetch call possible in a TI that connects with an ODBC driver. If TM1 receives no response, the process will result in an error unless you instruct TM1 to use a particular fetch call. This parameters instructs TM1 to use a UseSQLFetchScroll fetch call in a TI that connects to an ODBC source. You must ensure that the call specified in Tm1s.cfg is appropriate for the ODBC driver being accessed, and you can specify only one of these parameters in Tm1s.cfg.
UseSSL	Static	Required*	Security	F	UseSSL=T	Enables or disables SSL on the Cognos IBM TM1 server.

UseStargateForRules	Static	Optional	Performance	T	UseStargateForRules=F	By default, any time a rule references a calculated value, the value is retrieved from a Stargate view stored in memory (if available). This in most cases, results in a significant improvement in performance. It is more efficient to retrieve a calculated value from memory than to request and retrieve a calculation from the server. In some unique instances that are difficult, if not impossible, to determine in advance and can only be determined through trial and error, retrieving a calculated value from a Stargate view is actually slower than requesting and retrieving the value from the server.
ViewConsolidationOptimization	Static	Optional	Performance	T	ViewConsolidationOptimization=F	Enables or disables view consolidation optimization and improves the performance of calculating consolidated elements but increases the amount of memory required for a given view.
ViewConsolidationOptimizationMethod	Static	Optional	Performance	ARRAY	ViewConsolidationOptimizationMethod=TREE ViewConsolidationOptimizationMethod=ARRAY	Defines the method used to achieve view consolidation optimization. The ARRAY method stores consolidations in a temporary array, the TREE method stores consolidations in a tree. The TREE setting provides the best performance in normal operations and when data is sparse along the view axes. When axes dimensions have just a few leaf elements rolling up to many consolidations it should be set to ARRAY.