



This PDF is generated from authoritative online content, and is provided for convenience only. This PDF cannot be used for legal purposes. For authoritative understanding of what is and is not supported, always use the online content. To copy code samples, always use the online content.

iWD Deployment Guide

Configuring iWD Web Services

5/11/2025

Configuring iWD Web Services

Property	Default	Description/Notes
Web Server		
server.port	9990	Web server port
Configuration Server Options		
iwdweb.config_server.host	localhost	Configuration Server host
iwdweb.config_server.port	2020	Configuration Server port
iwdweb.config_server.application	iWDWeb	Configuration Server third party server name
iwdweb.config_server.client_app_name	iWDWebApp	Configuration Server third party application name for user connections. Can be configured on Configuration Server in third party server (the one named by iwdweb.config_server.application property) options under the boot section.
iwdweb.config_server.protocolTimeout	30000	Configuration Server connection timeout (in milliseconds)
Configuration Server TLS Connections		
iwdweb.tls.keyStore	none	TLS key store path
iwdweb.tls.keyStorePassword	none	TLS key store password
iwdweb.tls.validateCert	on	Always validate certificate. When set to off, certificate is not being validated
HTTPS Configuration		
server.ssl.enabled	none	Set to true to enable SSL support
server.ssl.keyStoreType	none	The format used for the keystore (for example, jks)
server.ssl.key-store	none	The path to the keystore containing the certificate
server.ssl.key-store-password	none	The password used to generate the certificate
For more information about how to configure SSL in Spring Boot, please refer to the vendor's Reference Guide .		
Redis Options		
spring.redis.host	localhost	Redis server host

Property	Default	Description/Notes
spring.redis.port	6379	Redis server port
Tasks Repository Options		
iwdweb.repository.redis	true	Use Redis as back-end repository. The Redis back-end repository allows to make job lists permanent and survive iWD Web restart.
iwdweb.repository.inmemory	true	Use In Memory back-end repository. In scenarios where there are issues with connection to Redis server, used as fallback when this option is enabled. When In Memory back-end repository is used, the job history is cleaned after iWD Web restart.
Spreadsheet File Upload Limits		
iwdweb.upload.maxFileSize	1MB	Upload maximum size allowed for uploaded files. Values can use the suffixed "MB" or "KB" to indicate a Megabyte or Kilobyte size
iwdweb.upload.maxRequestSize	1MB	Upload maximum size allowed for multipart/form-data requests. Values can use the suffixed "MB" or "KB" to indicate a Megabyte or Kilobyte size.
iwdweb.upload.fileSizeThreshold	-1	The size threshold after which upload files will be written to disk. Values can use the suffixed "MB" or "KB" to indicate a Megabyte or Kilobyte size.
CSV File Format		
iwdweb.csv.columnSeparator	;	CSV file format column separator
iwdweb.csv.lineSeparator	\r\n	CSV file format line separator
iwdweb.csv.quoteChar	"	CSV file format quotation character
Date & Time		
iwdweb.datetime.format	yyyy-MM-dd	Date and time attributes format
Audit		
iwdweb.audit.queueCapacity	10000	Audit's data queue capacity
Logging		
iwdweb.logging.dir	/GCTI/iWD	Logging files directory location.

Property	Default	Description/Notes
		Only: - Command line—<code>-- iwdweb.logging.dir=/var/logs/</code> - System—<code>java -Diwdweb.logging.dir=/var/logs/ ...</code> - Environment—<code>export IWDWEB_LOGGING_DIR=/var/logs/</code> or <code>export IWDWEB_LOG_DIR=/var/logs/</code>. Property sources are examined. Moreover, directory must have write permission enabled for used which runs iwdweb application. - On Windows: - Command line—<code>add -- iwdweb.logging.dir="C:/Program Files/GCTI/iWD Web/logs/"</code> to <code>JavaServerStarter.exe</code> command. Please note to use "/" instead of "\". Example—<code>"C:\PROGRA~1\GCTI\IWDWEB~1\IWDWEB~1.04_\JavaServerStarter.exe" -host xx-yyy-zzzzzz -port 2020 -app "iWDWeb_8.5.aaa.bb_xx-yyy-zzzzzz" -- iwdweb.logging.dir="C:/Program Files/GCTI/iWD Web/iWDWeb_8.5.aaa.bb_xx-yyy-zzzzzz/logs/"</code> You may also use "\" but please remember to not escape last ". Example—<code>"C:\PROGRA~1\GCTI\IWDWEB~1\IWDWEB~1.04_\JavaServerStarter.exe" -host xx-yyy-zzzzzz -port 2020 -app "iWD</code>

Property	Default	Description/Notes
		Web_8.5.aaa.bb_xx-yyy-zzzzzz" -- iwdweb.logging.dir= "C:\Program Files\ GCTI\iWD Web\iWD Web_8.5.aaa.bb_xx-yyy- zzzzz\logs\\" • System—In JavaServerStarter.ini in [JavaArgs] section add -Diwdweb.logging.dir=C :\Program Files\GCTI\ iWD Web\logs\ • Environment—Add IWDWEB_LOGGING_DIR or IWDWEB_LOG_DIR system variable
Tasks Scheduler		
iwdweb.scheduler.poolSize	10	Sets the core number of threads in pool
Async Tasks Executor		
iwdweb.async.corePoolSize	2	Sets the core number of threads in pool
iwdweb.async.maxPoolSize	5	Sets the maximum allowed number of threads
iwdweb.async.queueCapacity	1000	Sets the capacity for the tasks executor queue
Web Service Capture Point		
iwdweb.wscp.uri	none	WebService SOAP service endpoint. Must be configured when the wscp profile is used.
iwdweb.wscp.connectionTimeout	10000	WebService SOAP service endpoint socket connection timeout (in milliseconds)
iwdweb.wscp.readTimeout	10000	WebService SOAP service endpoint read socket connection timeout (in milliseconds)
Submitter Async Tasks Executor		
iwdweb.submitter.corePoolSize	20	WebService SOAP service endpoint task submitter's core number of threads in pool

Property	Default	Description/Notes
iwdweb.submitter.maxPoolSize	50	WebService SOAP service endpoint task submitter's maximum allowed number of threads
iwdweb.submitter.queueCapacity	10000	WebService SOAP service endpoint task submitter's tasks queue capacity
iwdweb.submitter.caps	1000	WebService SOAP service endpoint task submitter's call attempts per seconds
GAX & Global Task List Options		
iwdweb.url.gax	none	Genesys Administrator Extension (GAX) URL
iwdweb.url.gtl	none	intelligent Workload Distribution (iWD) tasks list URL