

Release Note

WebtoB 6.1

TMAXSOFT

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Maintenance

Category	Support Item	Service Description
Product Support	Patches & Upgrades	Complimentary patch service Discount for major version upgrades Patch history via web support
Technical Support - Basic Service	Incident Support	Cause analysis and resolution upon incidents Three-tier incident support: Service Desk Team → Technical Team → R&D
	Routine Support (Online)	Q&A services through online resources such as E-mail, phone, remote access, and website
	Customized Support (On-site)	On-site support service provided upon customer request
Technical Support - Optional Service	Preventive Support	System operation reporting and incident prevention through regular inspections ◦ Gathers requirements from administrators or operations. ◦ Provides operation reports (system and engine operations). ◦ Reports system improvement recommendations as needed.
Maintenance Cost & Duration	TBD upon contract	EOL/EOS documents provided at contract signing

Document History

Product Version	Guide Version	Date	Remarks
WebtoB 6.1	3.1.2	2025-12-03	Added WJP limitations
WebtoB 6.1	3.1.1	2025-11-21	GA Release

Contents

1. Overview	1
1.1. Release History	1
2. WebtoB 6.1	2
2.1. New Features	2
2.1.1. Network	2
2.1.2. Monitoring	2
2.1.3. Logging	2
2.1.4. Configuration	2
2.2. Improvements and Changes	3
2.2.1. Migration	3
2.2.2. Environment Variables	3
2.2.3. Environment Variables	4
2.2.4. Behavior	4
2.3. Bug Fixes	4
2.3.1. Network	4
2.3.2. Administration Tool (wsadmin)	4
2.3.3. Logging	4
2.3.4. URL Rewrite	5
2.3.5. Configuration	5

1. Overview

This document provides the release history of major WebtoB 6 versions and the key changes in each version.

1.1. Release History

The release history of each version is as follows:

Date	Version
2025-10-31	WebtoB 6.1
2024-10-07	WebtoB 6

2. WebtoB 6.1

2.1. New Features

This chapter briefly describes the new features added to WebtoB 6.1.

2.1.1. Network

- Added support for receiving requests in the IPv6 addressing
- Added support for UDS for communication between JEUS and the embedded WebtoB
- Added support for HTTP/2 protocol (h2c connection upgrade method and reverse proxy environment)

2.1.2. Monitoring

- Added support for the wsadmin command used in WebtoB 5 in WebtoB 6.1
- Added the **-C** option to output the results of wsadmin directly to the terminal
- Enabled viewing thread names in process monitoring commands (ps, top, htop, etc.)
- Added feature of displaying process names via the **ps** command

2.1.3. Logging

- Added support for creating log files for each process (PID)
- Added automatic deletion of old log files during log rotation

2.1.4. Configuration

- Added configuration for the Access section

Added request access control based on IP addresses, networks, and header information for the **http**, **WJP**, and **tcp_servers** sections

- Added configuration for the Directory section

Added access control for specific directories

- Expanded service URI/EXT matching methods

Added exact and regex types in addition to the existing prefix type

- Added control settings for EXT matching behavior in Service URI

Added the `goto_ext`, `stop_if_no_ext`, and `ext` settings

- Added URI Rewrite and Dynamic Proxy configuration

Enabled URI rewriting and Dynamic Proxy functionality through the `enable_url_rewrite` setting

- Added URI encoding (Charset) configuration

Added configuration for converting the character set of HTTP request URL paths

- Added configuration for the Expires section

Added support for setting expiration dates in response headers when sending MIME-type documents

- Added Listen Address configuration

Enabled specifying for connection IP address and ports individually in the `http_servers`, `wjp`, and `tcp` sections

- Added the `enable_expect_100_continue` setting

Added configuration to control whether a '100 Continue' response is returned when the HTTP request header includes "Expect: 100-continue"

- Added the `enable_allow_header_on_405` setting

Added configuration to control whether the Allow header is included in HTTP 405 responses

- Added the `enable_block_listen` setting

Added configuration to close all virtual host services when the server goes down

2.2. Improvements and Changes

The following improvements and changes have been made in WebtoB 6.1.

2.2.1. Migration

- Added support for starting WebtoB 5 using the `.m` format (automatically converted to generate-temp.json)
- Changed to sort the converted configuration in alphabetical order
- Renamed the `configMigrator.sh` script to `configMigrator`

2.2.2. Environment Variables

- Added support for using environment variables in configuration

- Changed the environment variable from WEBTOBDIR to WEBTOB_HOME

2.2.3. Environment Variables

- Separated connection_timeout from server_health_check into a separate setting
- Changed the HTMLS cache setting to be enabled by default

2.2.4. Behavior

- Changed schema validation to fail if duplicate ports are used within a server
- Changed to allow multiple ports to be configured on a single server
- Changed the WebtoB shutdown method to use the SHUTDOWN API

2.3. Bug Fixes

The following issues identified in the previous version have been fixed.

2.3.1. Network

- Fixed an issue causing high-volume SSL processing failures
- Fixed an issue where a core dump occurred when an empty string was specified for sslname
- Fixed issue that causes an indefinite loop due to HTTP failures when some rproxy server connections failed
- Fixed issue where a core dump occurred when calling the connection info (ci) API after JEUS and Reverse Proxy processing
- Fixed an issue where a core dump occurred when the clients generated load over SSL connections in an rproxy environment

2.3.2. Administration Tool (wsadmin)

- Fixed an issue where WebtoB was forcibly terminated due to a configuration validation failure during an update-config API call
- Fixed an issue where the <Backspace> key did not function when using wsadmin in certain terminal emulators (example: Xshell)

2.3.3. Logging

- Fixed an issue where the timestamp in the Access log was displayed incorrectly for error

responses

- Changed the log file creation timing during log rotation to match WebtoB 5

2.3.4. URL Rewrite

- Fixed an issue where the port number was appended twice to the Location header during URL Rewrite redirection, so that it is now appended only once

2.3.5. Configuration

- Fixed an issue where a core dump occurred when connections exceed the connection_pool_size setting