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Genesys Pulse Deployment Guide

[pulse.properties File](#)

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pulse.properties File

The following options are configured in the pulse.properties file under the conf folder inside the Genesys Pulse installation folder.

accesslog_enabled

Default Value: true

Valid Values: true, false

Changes Take Effect: After restart

Enables HTTP access logging.

accesslog_filename

Default Value: ./logs/http-yyyy_mm_dd.log

Valid Values: valid filename

Changes Take Effect: After restart

File name for the HTTP access log.

accesslog_timezone

Default Value: GMT

Valid Values: valid timezone

Changes Take Effect: After restart

Time zone for the HTTP access log.

Note: It is recommended to specify the time zone value in canonical format instead of three-letter time zone IDs. For example, Australia/Sydney, Asia/Kolkata, America/Los_Angeles.

accesslog_append

Default Value: true

Valid Values: true, false

Changes Take Effect: After restart

After Genesys Pulse is restarted, specifies whether to append to the existing HTTP access log.

accesslog_extended

Default Value: false

Valid Values: true, false

Changes Take Effect: After restart

Specifies whether to include the extended information in the HTTP access log.

accesslog_cookies

Default Value: false

Valid Values: true, false

Changes Take Effect: After restart

Specifies whether to include cookies in the HTTP access log.

accesslog_retaindays

Default Value: 90

Valid Values: integer
Changes Take Effect: After restart
Specifies the number of days to retain the HTTP access log.

app

Default Value: No default value
Valid Values: Application object name
Changes Take Effect: After restart
Specifies the Genesys Pulse Application object.
This option is mandatory.

backup_port

Default Value: No default value
Valid Values: integer
Changes Take Effect: After restart
Specifies the backup Configuration Server port.

backup_host

Default Value: No default value
Valid Values: Valid FQDN or IP address
Changes Take Effect: After restart
Specifies the backup Configuration Server host, written as a Fully Qualified Domain Name (FQDN) or an IP address.

content_security_policy

Default Value: No default value
Valid Values: delimited list of directives (see the full list of valid directives at Mozilla Developer Network)
Changes Take Effect: After restart
Allows to control the Content Security Policy header for an additional protection against XSS attacks.
Example: default-src 'none'; script-src * 'unsafe-inline' 'unsafe-eval'; style-src * 'unsafe-inline'; img-src * data;; connect-src 'self'; font-src *; frame-src *; form-action 'self'; worker-src 'self'; base-uri 'self'; block-all-mixed-content; frame-ancestors 'none';

Important

This option should be used with caution as wrong values could prevent Genesys Pulse UI from loading. Carefully review the following notes before usage:

- The value of the script-src directive must include 'unsafe-inline' 'unsafe-eval'
- The value of the style-src directive must include 'unsafe-inline'
- In cases using external resources or extensions, the following directives should contain * (asterisk) or exact hostname values (more secure):
 - script-src 'unsafe-inline' 'unsafe-eval' * or script-src self 'unsafe-inline' 'unsafe-eval' <space separated list of sources> for external

scripts

- style-src 'unsafe-inline' * or style-src self 'unsafe-inline' *<space separated list of sources>* for external styles
- font-src * or font-src self *<space separated list of sources>* for external fonts
- img-src * data: or font-src self data: *<space separated list of sources>* for external images
- frame-src * or frame-src self *<space separated list of sources>* for embedding 3rd party sites in an iframe widget
- if no external resources or extensions are used then * (asterisk) should be replaced with 'self'
- If embedding Pulse into an external iframe, the frame-ancestors directive should contain valid parents that may embed: frame-ancestors 'self' https://example.com; or contain 'none' if prohibited to embed Pulse into external iframe
- If not specified, the value of the sandbox directive will be set to default 'allow-scripts' 'allow-same-origin' 'allow-popups' 'allow-forms' value. Restrictions that are weaker than the default value will have no effect.

disable_xframe_options

Default Value: false

Valid Values: true, false

Changes Take Effect: After restart

Disables X-Frame-Options security header. See [Configuring System Security](#) for more information.

enable_hsts

Default Value: false

Valid Values: true, false

Changes Take Effect: After restart

Enables or disables HSTS. See [Configuring System Security](#) for more information.

host

Default Value: No default value

Valid Values: Valid FQDN or IP address

Changes Take Effect: After restart

Specifies the primary Configuration Server host, written as a Fully Qualified Domain Name (FQDN) or an IP address.

This option is mandatory.

http_port

Default Value: 8080

Valid Values: integer

Changes Take Effect: After restart

Defines the HTTP port.

https_port

Default Value: No default Value

Valid Values: integer

Changes Take Effect: After restart

Defines the HTTPS port. See [Configuring System Security](#) for more information.

keystore_password

Default Value: No default Value

Valid Values: string

Changes Take Effect: After restart

Specifies the keystore password.

keystore_path

Default Value: No default Value

Valid Values: Full path to the location of the keystore

Changes Take Effect: After restart

Defines the keystore path. See [Configuring System Security](#) for more information.

max_cfg_connection

Default Value: 200

Valid Values: -1 or any positive integer

Changes Take Effect: After restart

Specifies the maximum number of allowed connections from Genesys Pulse to Configuration Server.
To allow unlimited connections, set the value to -1.

max_idle_time

Default Value: 1000*60*60

Valid Values: integer

Changes Take Effect: After restart

Specifies the maximum idle time, in milliseconds, for HTTP connection

port

Default Value: No default value

Valid Values: integer

Changes Take Effect: After restart

Specifies the primary Configuration Server port.
This option is mandatory.

protocol_timeout

Default Value: 30000

Valid Values: Any positive integer

Changes Take Effect: After restart

Introduced: 9.0.006.03

Specifies timeout, in milliseconds, for a connection with Configuration Server.

root_url

Default Value: /pulse

Valid Values: root URL

Changes Take Effect: After restart

Specifies the root URL (host:port/rootURL).

saml

Default Value: false

Valid Values: true, false

Changes Take Effect: After restart

Enables SSO login to Pulse using SAML

saml_entityid

Default Value: No default value

Valid Values: string

Changes Take Effect: After restart

Specifies entity ID used by Pulse metadata

saml_external_userid

Default Value: No default value

Valid Values: string

Changes Take Effect: After restart

Defines the protocol to correlate to the External User ID in Genesys Person object.

Pulse must extract DSID from SAML assertion and query the user by using the external ID, then use the username to enable the user to log in.

saml_idp_metadata

Default Value: No default value

Valid Values: Valid path (or) URL

Changes Take Effect: After restart

Specifies the path or URL of the IDP's metadata XML file

saml_keystore

Default Value: No default value

Valid Values: Valid path (or) URL

Changes Take Effect: After restart

Specifies the location or path to Keystore.

saml_keystore_password

Default Value: No default value

Valid Values: string

Changes Take Effect: After restart

Specifies the Keystore's password.

saml_landing_page

Default Value: No default value

Valid Values: Valid URL

Changes Take Effect: After restart

URL to redirect users on log out of Pulse.

saml_key_name

Default Value: No default value

Valid Values: string

Changes Take Effect: After restart

Specifies the signing key certificate name.

saml_key_password

Default Value: No default value

Valid Values: string

Changes Take Effect: After restart

Specifies the signing key certificate password.

session_samesite

Default Value: strict

Valid Values: none, strict, lax

Changes Take Effect: After restart

Specifies the value for SameSite cookie attribute. See [Configuring System Security](#) for more information.

session_securecookies

Default Value: false

Valid Values: true, false

Changes Take Effect: After restart

Specifies whether the **secure** flag is set on session cookie.

supported_protocol

Default Value: http

Valid Values: http, https, both

Changes Take Effect: After restart

Defines supported protocol(s). See [Configuring System Security](#) for more information.