

Configuration Best Practices

Performance & Scalability

- Run the CLIENT process as a Pathway Server Class. See [CLIENT Process Configuration](#).
- Use configuration files to specify logging options, which allows the options to be changed without re-configuring the server class. See [Using Configuration Files](#).
- Use the monitor option where appropriate, to monitor changes to configuration files. See [monitor](#).
- Do not use diagnostic logging in performance sensitive environments unless absolutely necessary.
- When using TLS connections with HTTP Basic authentication, use the *pre-auth* option. See [http-credentials](#).

Security

- Change the default administrator password!
- Use Server Certificates and configure only HTTPS console ports.
- Use TLS connections to services whenever possible, both when accessing REST applications and accessing the LightWave Client Console.
- Use the *sensitive* schema property to avoid disclosing sensitive data in logs. See [Sensitive Data Masking](#).
- Use credentials files to supply configuration credentials. See [Using Credentials Files](#).
- Use Guardian security to appropriately secure API, configuration, credential, and program files.
- Only install the Console in production environments when necessary, or only run the Console in production when necessary. The Console is a development tool and generally not necessary outside of the development environment.