

# mod\_json\_cdr

```
<configuration name="json_cdr.conf" description="JSON CDR">
  <settings>

    <!-- Global parameters -->
    <param name="log-b-leg" value="true"/>
    <param name="prefix-a-leg" value="false"/>

    <!-- Whether to URL encode the individual JSON values. Defaults to true, set to false for standard JSON. -->
    <param name="encode-values" value="true"/>

    <!-- Normally if url and log-dir are present, url is attempted first and log-dir second. This options
allows to do both systematically. -->
    <param name="log-http-and-disk" value="false"/>

    <!-- File logging -->
    <!-- Directory where to create the "json_cdr" directory used to store JSON CDRs. Leave empty for no file
logging. -->
    <!-- Might be overridden by a channel variable "json_cdr_base". -->
    <param name="log-dir" value=""/>
    <!-- Whether to rotate file CDRs. -->
    <param name="rotate" value="false"/>

    <!-- HTTP(S) logging -->
    <!-- URL where to POST JSON CDRs. Leave empty for no URL logging. Up to 20 URLs may be specified. -->
    <param name="url" value=""/>
    <!-- Authentication scheme for the above URL. May be one of basic|digest|NTLM|GSS-NEGOTIATE|any-->
    <param name="auth-scheme" value="basic"/>
    <!-- Credentials in the form username:password if auth-scheme is used. Leave empty for no authentication.
-->
    <param name="cred" value="string"/>
    <!-- Whether to base64 encode the entire JSON document before POSTing it. -->
    <param name="encode" value="base64|true|false"/>
    <!-- Number of retries in case of failure. Each specified URL is tried in turn. -->
    <param name="retries" value="0"/>
    <!-- Delay between retries (ms). -->
    <param name="delay" value="5000"/>
    <!-- Disable streaming if the server doesn't support it. -->
    <param name="disable-100-continue" value="false"/>
    <!-- If web posting failed, the CDR is written to a file. -->
    <!-- Error log dir ("json_cdr" is appended). Up to 20 may be specified. Default to log-dir if none is
specified. -->
    <param name="err-log-dir" value=""/>

    <!-- SSL options -->
    <param name="ssl-key-path" value=""/>
    <param name="ssl-key-password" value=""/>
    <!-- SSL version. If specified, must be either "SSLv3" or "TLSv1". -->
    <param name="ssl-version" value=""/>
    <param name="enable-ssl-verifyhost" value="false"/>
    <param name="ssl-cert-path" value=""/>
    <param name="enable-cacert-check" value="false"/>
    <param name="ssl-cacert-file" value=""/>
  </settings>
</configuration>
```

At least one of **log-dir** or **url** is required for logging to happen.

In **log-dir** (file) mode, one file is created per call in the target directory.

In **url** mode, one POST is submitted per CDR. (The socket is currently not re-used between CDRs.) The **cred** field should contain "login:password" for authentication.

For CouchDB insertion (with FS-3721 fix) use for example an CouchDB URL like <http://127.0.0.1:5984/cdr> where **cdr** is the database that will store your Call Detail Records. Make sure to set **encode-values** to false if you'd like plain JSON content.

If submission of the CDR using **url** fails, the module will fallback to file mode using each **err-log-dir**.

## Output (example CDRs)

The JSON layout contains four sections:

- **app\_log**: contains "application" data
- **callflow**: contains "extension", "caller\_profile"
- **channel\_data**: FreeSwitch channel data
- **variables**: all channel variables, including "billsec"