Working with the AppScan Proxy Server

The AppScan Proxy Server enables you to save Explore data as an AppScan Manual Explore file (`.dast.config`). This is a ZIP file that contains one or more traffic files with file extension `.har` (HTTP Archive).

Install server

1) Download the latest version of Node.js and install it on your machine.
2) Unzip AppScanProxyServer.zip to a folder on your machine.

Start Proxy Server

1) To start the AppScan Proxy Server, run the command:
   ```
   node app.js [port]
   ```

   *port = the port on which the AppScan Proxy Server listens for REST API requests

   Note: If you do not define the port, port 8383 is used.

   Note: There is no need to stop the AppScan Proxy Server, you can leave it running permanently.

Using the Proxy

1) To view the REST API documentation, type in a browser:
   ```
   http://localhost:<port>
   ```

   Note: To view from a different machine, type:
   ```
   http://<IP>:<port>
   ```

   *`port =` the port on which the AppScan Proxy Server listens
   *IP = the IP address of the machine on which the AppScan Proxy Server is installed

2) If the site is secured (HTTPS), avoid SSL warnings by doing the following:

   a. Use the REST API to download the self-signed Root Certificate Authority, used by the AppScan Proxy Server, as a PEM file.

   b. Install it on the browser used for the Explore, or wherever needed (depending on where the traffic is sent from).

3) To start a proxy, use the REST API request: `StartProxy`, and define the recording port (to which you want to send the traffic).

   Note: If the proxy server does not have direct access to the site, you can also define an upstream (chained) proxy with this REST API.

   Note: If you need to define more than one chained proxy, or exceptions to the proxy, use the chained proxy rules file (`proxy.chain`) found in the installation folder.

4) Send your traffic via the defined recording port.

5) When done, send the REST API request: `StopProxy`.

6) Download the recorded traffic file by sending REST API request: `Traffic`.

   The traffic file has extension `.dast.config`

   Note: When you download the traffic file, this data is deleted from AppScan Proxy Server.