HTTP_MCP

As already documented above, this is the *Controller* (aka *Listener*) that the OECGI immediately calls when it receives an HTTP request. It is a replacement to `RUN_OECGI_REQUEST` but it is designed primarily to manage REST APIs. `HTTP_MCP` is a relatively small routine which fits into the SRP philosophy that controllers should be as thin as possible. The basic workflow of `HTTP_MCP` is as follows:

- Call HTTP_Services so the HTTP request information is parsed and saved in memory for easy retrieval by API logic.

- Call HTTP_Services to log the HTTP request.

- Call HTTP_Authentication_Services to validate access to the API server.

- Call the API handler for the endpoint (if authorized to do so).

- Call HTTP_Services to get the HTTP response in a proper format that OECGI will accept.

- Call HTTP_Services to log the HTTP response.

- Call HTTP_Services and HTTP_Authentication_Services to perform various clean-up and clearing processes to prevent future HTTP requests handled by the same OpenEngine from using stale or unauthorized data.

- Return the HTTP response to the OECGI.