



oneM2M Developer Event – 25th and 26th April 2019

PREREQUISITES for HTTP

Developer should have a good knowledge of HTTP Request and Response

Developer Environment Requirements:

- Bring your own laptop
- OS : Linux or Ubuntu
- Development environment e.g. eclipse IDE, netbeans IDE, komodo IDE etc. corresponding to the language you will use for development.

1. For JAVA Development environment:

- IDE which supports JAVA development e.g. eclipse, netbeans etc.
- Java client library with support of TLS PSK e.g. bouncy castle etc.
- Java HTTP server library e.g. apache http server (Required for receiving Notifications)
- JDK 1.8 or above if C-DOT client libraries are availed

2. For C++ Development environment:

- IDE which supports C++ development e.g. eclipse, Sublime text editor etc.
- g++ & gcc compiler
- C++ HTTP client library with support of TLS PSK e.g. libgnutls28-dev
- C++ HTTP server library e.g. SOCKET (Required for receiving Notifications)

3. For C Development environment:

- IDE which supports C development e.g. eclipse etc.
- Gcc compiler
- C HTTP Client library with support of TLS PSK e.g. GnuTLS 3.6.7
- C HTTP Server library e.g. libmicrohttpd (required for receiving Notifications)

4. For Python Development environment:

- IDE which supports Python development e.g. eclipse, sublime text, pycharm etc.
- Python HTTP client library with support of TLS PSK e.g. sslpsk. For more details follow Readme.txt of Python environment.
- Python HTTP server library e.g. “BaseHTTPServer” library (required for receiving Notifications)