1. Find the host IP range of 10.0.128.0/21 and 10.0.136.0/21

Class A Range 0 - 127 in the first octet (0 and 127 are reserved)  
Class B Range 128 - 191 in the first octet  
Class C Range 192 - 223 in the first octet

10.0.128.0 -> 10.0.135.255

10.0.136.0 -> 10.0.143.255

1. HTTP packet detail

The request/response message consists of the following:

* Request line, such as GET /logo.gif HTTP/1.1 or [Status](https://en.wikipedia.org/wiki/List_of_HTTP_status_codes) line, such as HTTP/1.1 200 OK,
* [Headers](https://en.wikipedia.org/wiki/List_of_HTTP_headers)
* An empty line
* Optional HTTP message body data

This section introduces the client API and some features such as filters and how to use them with security features in the JDK. The Jersey client API is a high-level Java based API for interoperating with RESTful Web services. It makes it very easy to interoperate with RESTful Web services and enables a developer to concisely and efficiently implement a reusable client-side solution that leverages existing and well established client-side HTTP implementations.