HTTP Forward Proxy flowchart Daniel Murphy | August 3, 2024 Start method processes in parallel Receive from client method Make https Receive from connection with endpoint path example: target target. Then run 192.168.1.194:5000/www.google.com/ method If target_socket parellel receive endpoint/domain: "www.google.com" target method Thread If client Terminate socket closed target socket If target Terminate socket closed client socket If chunk Forward http encoding 7\r\n request and Mozilla\r\n If chunk wait for the 11\r\n Parse http Forward http encoding body of the 7\r\n Preform Host name rewirting Developer Network\r\n reqeuest then request and http request Host: 192.168.1.194:5000/ -----> target_domain Mozilla\r\n 0\r\n forward it to wait for the Parse http This is the 11\r\n \r\n the client Preform Host name rewirting body of the reqeuest then end of the Developer Network\r\n Host: 192.168.1.194:5000/ -----> target_domain Link: mozilla_dev http request forward it to request "0\r\n 0\r\n This is the Remove upgrade insecure requests \r\n " length 0 the target end of the server Link: mozilla_dev request "0\r\n \r\n " length 0 Forward data to client Forward data to target