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# Web Request

# IP가

L4(Load balancing) Proxy  
 request.getRemoteAddr(); IP 가 Client IP가 L4 Proxy IP 가  
 Client IP 가 Client IP Header 가

```

public String getClientIp(HttpServletRequest request) throws Exception {
    String ip = request.getHeader("X-Forwarded-For");
    if (ip == null || ip.length() == 0 || "unknown".equalsIgnoreCase(ip)) {
        ip = request.getHeader("Proxy-Client-IP");
    }
    if (ip == null || ip.length() == 0 || "unknown".equalsIgnoreCase(ip)) {
        ip = request.getHeader("WL-Proxy-Client-IP");
    }
    if (ip == null || ip.length() == 0 || "unknown".equalsIgnoreCase(ip)) {
        ip = request.getHeader("HTTP_CLIENT_IP");
    }
    if (ip == null || ip.length() == 0 || "unknown".equalsIgnoreCase(ip)) {
        ip = request.getHeader("HTTP_X_FORWARDED_FOR");
    }
    if (ip == null || ip.length() == 0 || "unknown".equalsIgnoreCase(ip)) {
        ip = request.getHeader("X-Real-IP");
    }
    if (ip == null || ip.length() == 0 || "unknown".equalsIgnoreCase(ip)) {
        ip = request.getHeader("X-RealIP");
    }
    if (ip == null || ip.length() == 0 || "unknown".equalsIgnoreCase(ip)) {
        ip = request.getHeader("REMOTE_ADDR");
    }
    if (ip == null || ip.length() == 0 || "unknown".equalsIgnoreCase(ip)) {
        ip = request.getRemoteAddr();
    }
    return ip;
}
  
```

- <https://karismamun.tistory.com/41>
- <https://admm.tistory.com/80>
- <https://linked2ev.github.io/java/2019/05/22/JAVA-1.-java-get-clientIP/>

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