

DNS

A? allowed.example

TLS

SNI: allowed.example

HTTP

POST / HTTP/1.1

⋮

Host: forbidden.example

Client

```
graph LR; Client --> DNS; Client --> TLS; Client --> HTTP; subgraph TLS_Container [TLS]; HTTP; end;
```

The diagram illustrates a client's multi-layered communication. A central 'Client' label has three arrows pointing to different protocol layers. The first arrow points to a 'DNS' box containing a query 'A? allowed.example'. The second arrow points to a 'TLS' box containing 'SNI: allowed.example'. The third arrow points to an 'HTTP' box containing a 'POST / HTTP/1.1' request and a 'Host: forbidden.example' header. The 'HTTP' box is nested within the 'TLS' box, indicating that the HTTP request is protected by the TLS connection.