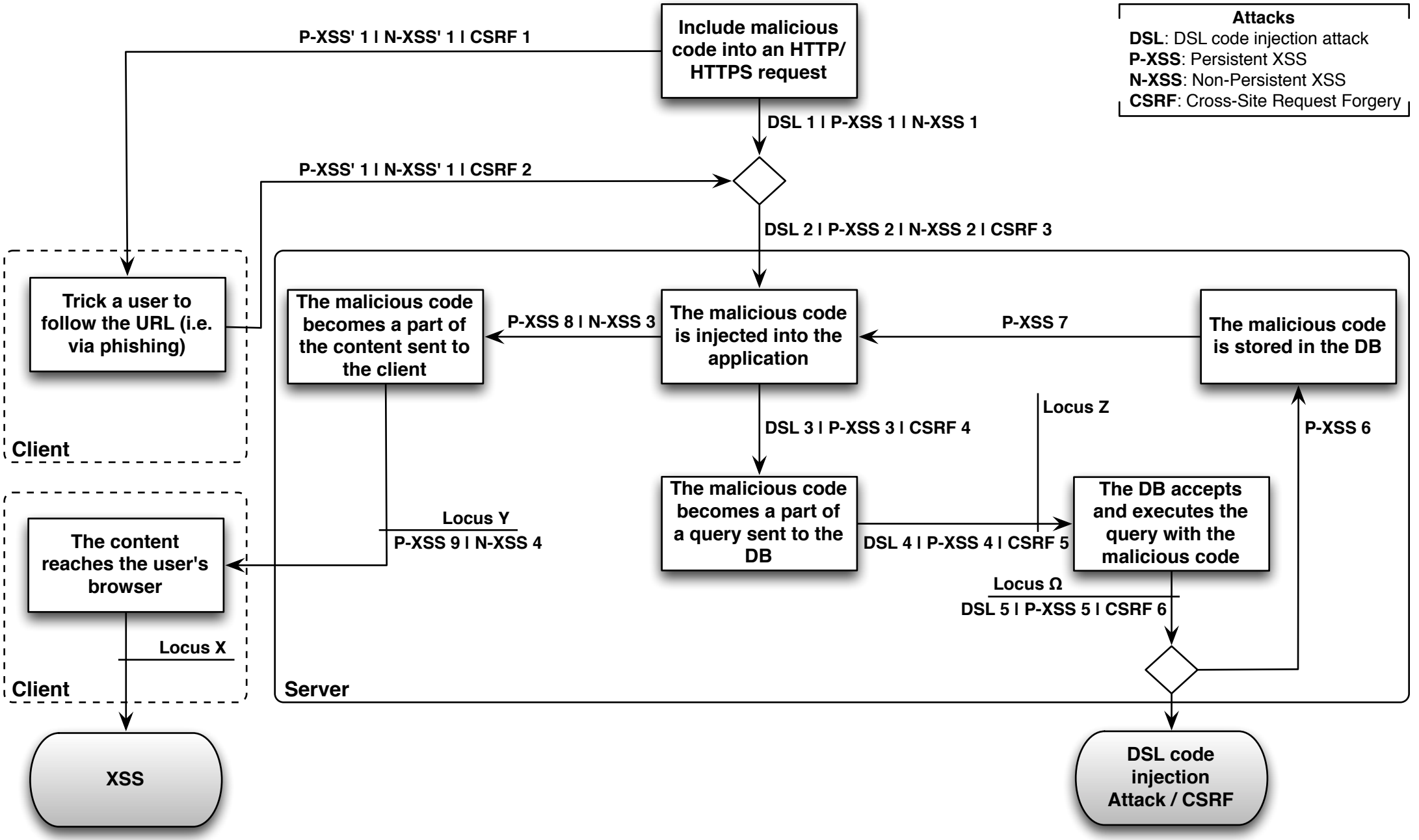
Attacks
DSL: DSL code injection attack
P-XSS: Persistent XSS
N-XSS: Non-Persistent XSS
CSRF: Cross-Site Request Forgery
Include malicious code into an HTTP/ HTTPS request
P-XSS' 1 I N-XSS' 1 I CSRF 1
DSL 1 I P-XSS 1 I N-XSS 1
P-XSS' 1 I N-XSS' 1 I CSRF 2
DSL 2 I P-XSS 2 I N-XSS 2 I CSRF 3
Trick a user to follow the URL (i.e. via phishing)
Client
The malicious code becomes a part of the content sent to the client
P-XSS 8 I N-XSS 3
The malicious code is injected into the application
P-XSS 7
The malicious code is stored in the DB
Locus Z
DSL 3 I P-XSS 3 I CSRF 4
P-XSS 6
The malicious code becomes a part of a query sent to the DB
DSL 4 I P-XSS 4 I CSRF 5
The DB accepts and executes the query with the malicious code
Locus Y
P-XSS 9 I N-XSS 4
The content reaches the user's browser
Locus Ω
DSL 5 I P-XSS 5 I CSRF 6
Locus X
Client
Server
XSS
DSL code injection Attack / CSRF