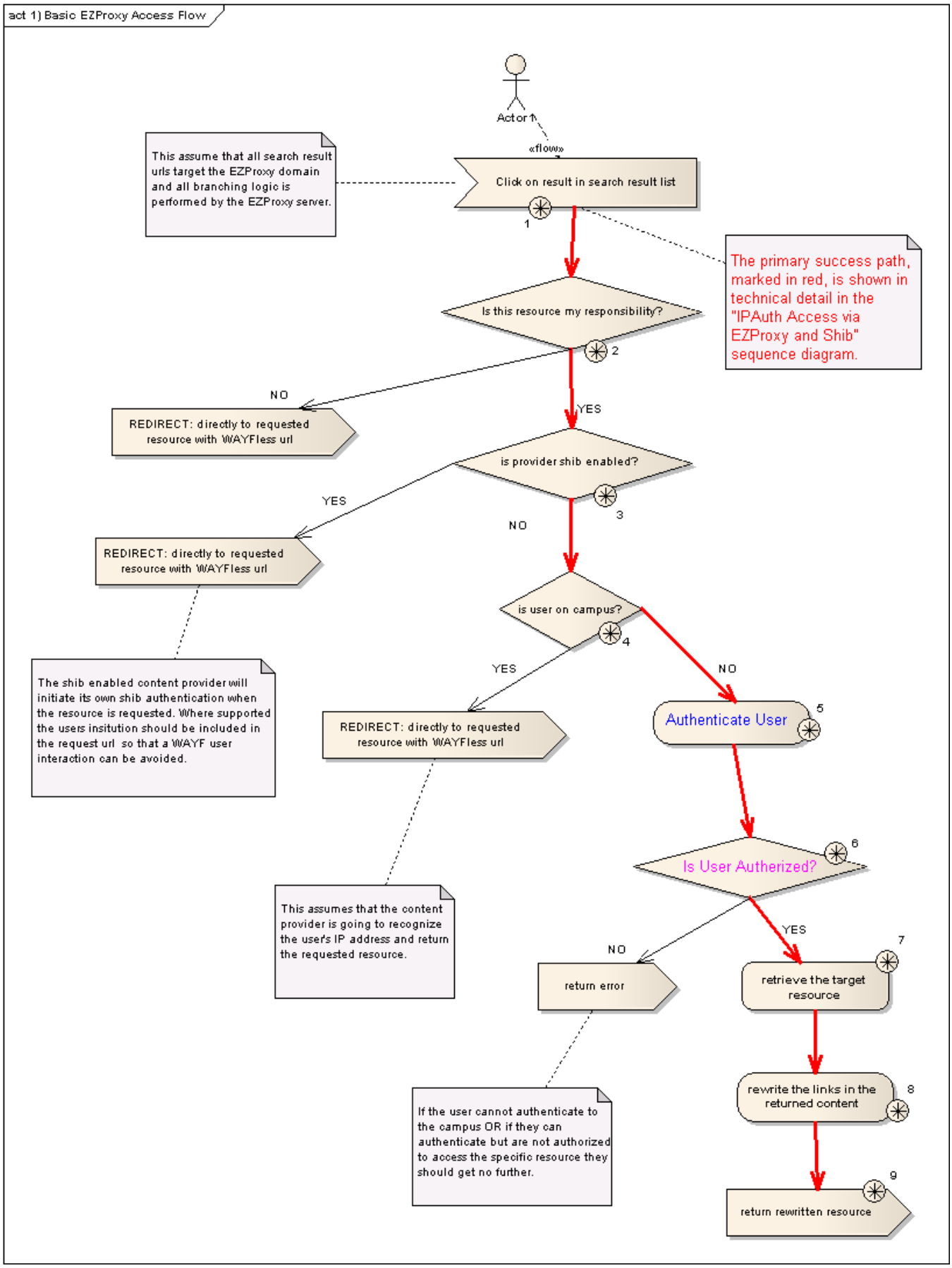
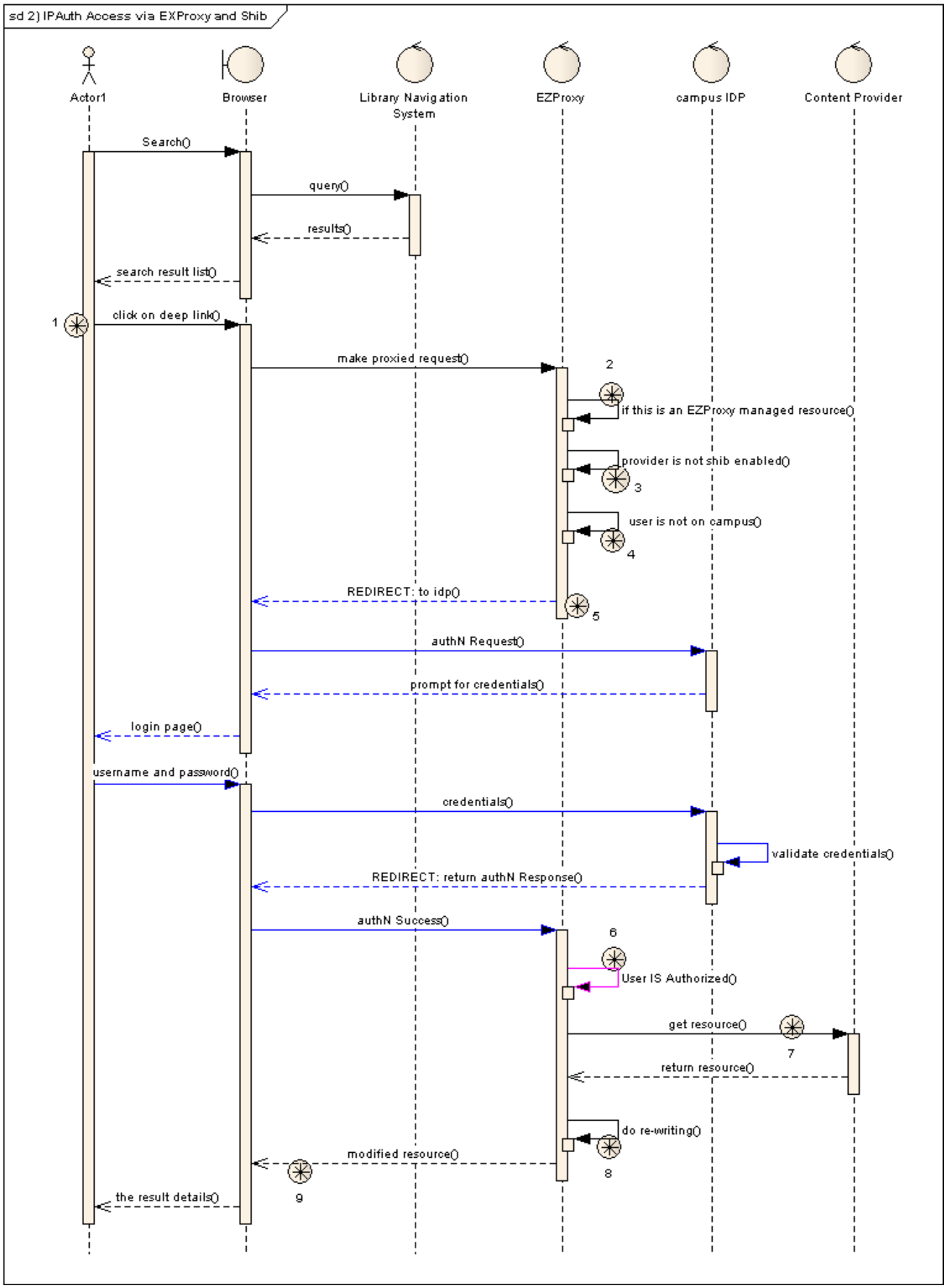
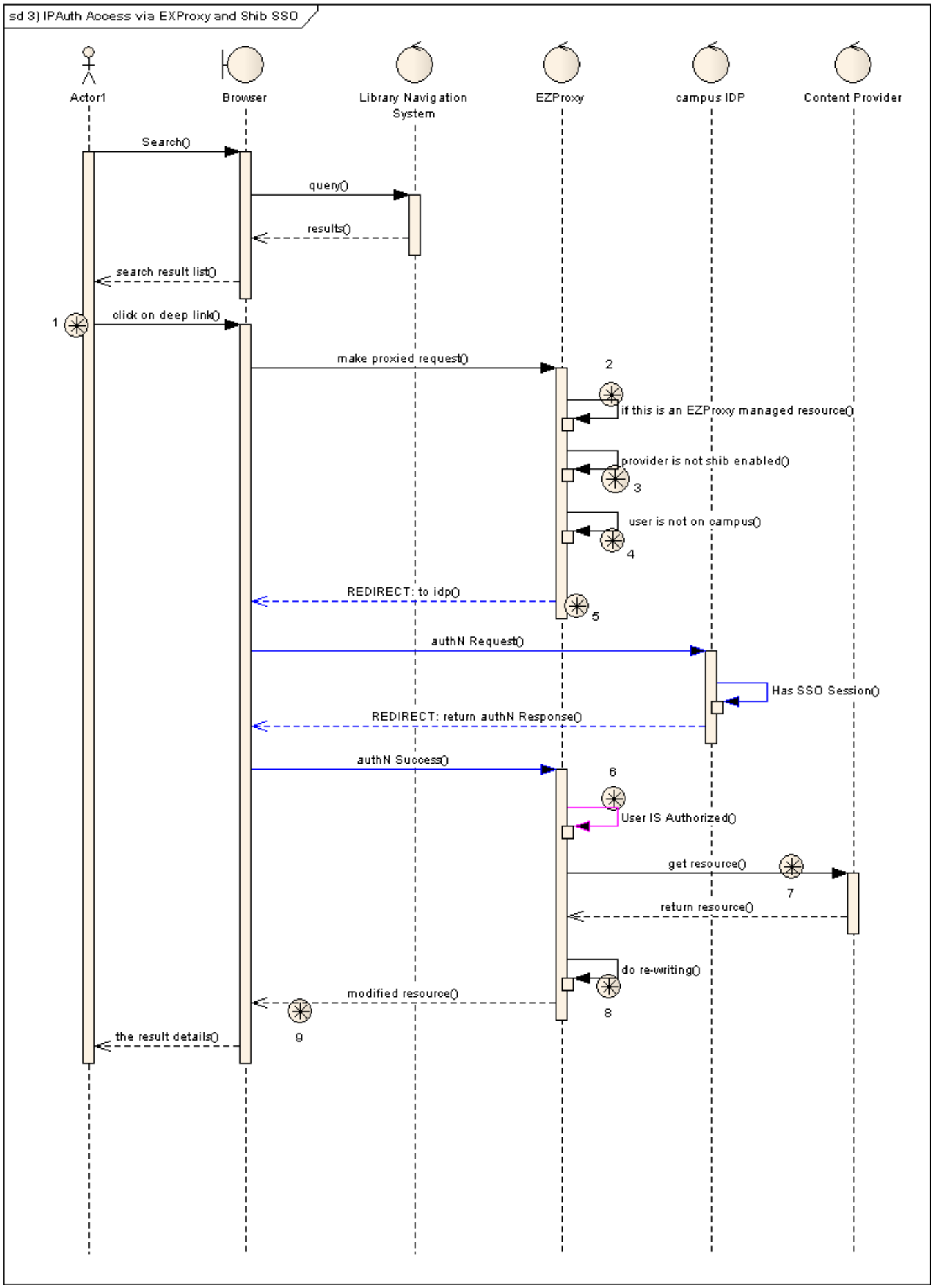
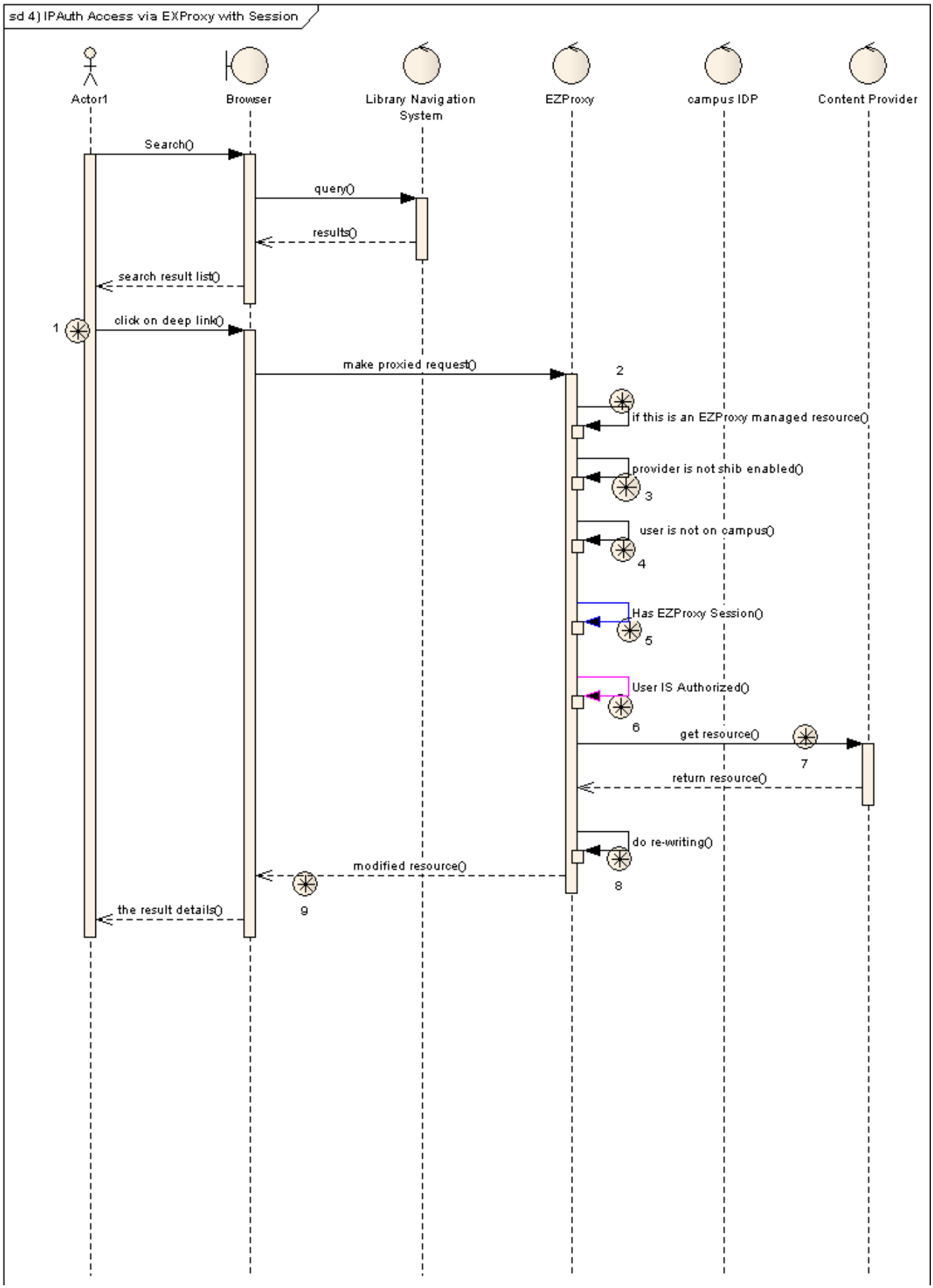
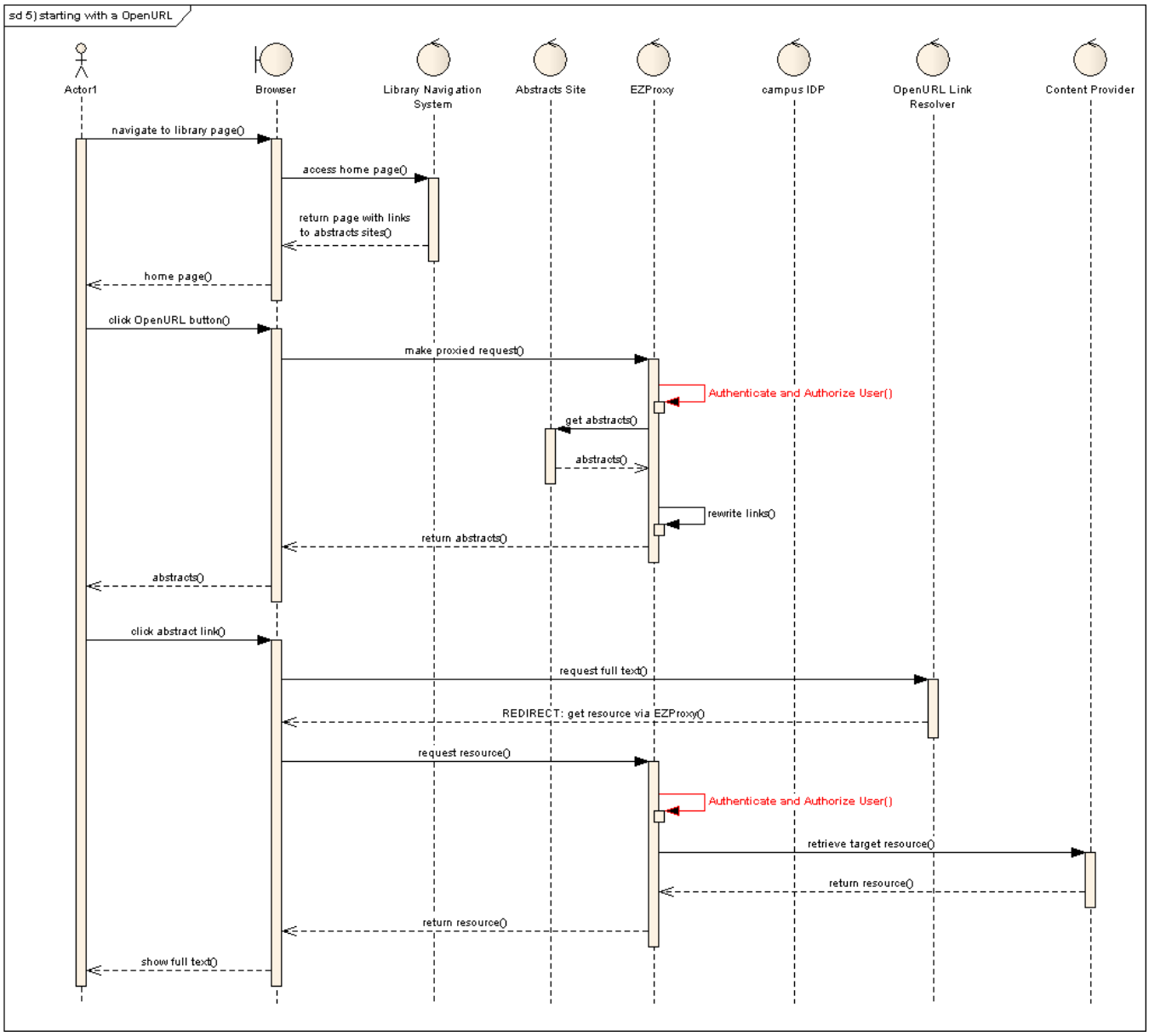
UML Flow Diagrams for EZProxy


act 1) Basic EZProxy Access Flow
Actor
«flow»
This assume that all search result urls target the EZProxy domain and all branching logic is performed by the EZProxy server.
Click on result in search result list
1
The primary success path, marked in red, is shown in technical detail in the "IPAuth Access via EZProxy and Shib" sequence diagram.
Is this resource my responsibility?
2
NO
REDIRECT: directly to requested resource with WAYFless url
YES
is provider shib enabled?
3
YES
REDIRECT: directly to requested resource with WAYFless url
NO
is user on campus?
4
The shib enabled content provider will initiate its own shib authentication when the resource is requested. Where supported the users insitution should be included in the request url so that a WAYF user interaction can be avoided.
YES
REDIRECT: directly to requested resource with WAYFless url
NO
Authenticate User
5
This assumes that the content provider is going to recognize the user's IP address and return the requested resource.
Is User Autherized?
6
NO
return error
YES
retrieve the target resource
7
If the user cannot authenticate to the campus OR if they can authenticate but are not authorized to access the specific resource they should get no further.
rewrite the links in the returned content
8
return rewritten resource
9


sd 2) IPAuth Access via EXProxy and Shib
Actor1
Browser
Library Navigation System
EZProxy
campus IDP
Content Provider
Search()
query()
results()
search result list()
1
click on deep link()
make proxied request()
2
if this is an EZProxy managed resource()
provider is not shib enabled()
3
user is not on campus()
4
REDIRECT: to idp()
5
authN Request()
prompt for credentials()
login page()
username and password()
credentials()
validate credentials()
REDIRECT: return authN Response()
authN Success()
6
User IS Authorized()
get resource()
7
return resource()
do re-writing()
8
modified resource()
9
the result details()


sd 3) IPAuth Access via EXProxy and Shib SSO
Actor1
Browser
Library Navigation System
EZProxy
campus IDP
Content Provider
Search()
query()
results()
search result list()
1
click on deep link()
make proxied request()
2
if this is an EZProxy managed resource()
provider is not shib enabled()
3
user is not on campus()
4
REDIRECT: to idp()
5
authN Request()
Has SSO Session()
REDIRECT: return authN Response()
authN Success()
6
User IS Authorized()
get resource()
7
return resource()
do re-writing()
8
modified resource()
9
the result details()


sd 4) IPAuth Access via EXProxy with Session
Actor1
Browser
Library Navigation System
EZProxy
campus IDP
Content Provider
Search()
query()
results()
search result list()
1
click on deep link()
make proxied request()
2
if this is an EZProxy managed resource()
provider is not shib enabled()
3
user is not on campus()
4
Has EZProxy Session()
5
User IS Authorized()
6
get resource()
7
return resource()
do re-writing()
8
modified resource()
9
the result details()


sd 5) starting with a OpenURL
Actor1
Browser
Library Navigation System
Abstracts Site
EZProxy
campus IDP
OpenURL Link Resolver
Content Provider
navigate to library page()
access home page()
return page with links to abstracts sites()
home page()
click OpenURL button()
make proxied request()
Authenticate and Authorize User()
get abstracts()
abstracts()
rewrite links()
return abstracts()
abstracts()
click abstract link()
request full text()
REDIRECT: get resource via EZProxy()
request resource()
Authenticate and Authorize User()
retrieve target resource()
return resource()
return resource()
show full text()