Mobile Phone Security

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Mobile Application Security Pen-Testing Strategy

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✓Security Pen-Testing Strategy

✓Black Box –

Payload

✓Irrespective of what is inside the application or without the knowledge of the source code , pen-tester provide the valid and invalid input and see the response.

✓Provide payload through input controls such as text box etc.,

✓Provide payload as a part of URL

✓Provide the payload as part of any string or variable by intercepting the request.

✓In-case developer don't have access of source, its good strategy.

✓Security Pen-Testing Strategy

✓White Box –

✓ Pen-Tester will perform walk through of the application to understand the source code of the application

✓Pen-Tester should have access to the source code.

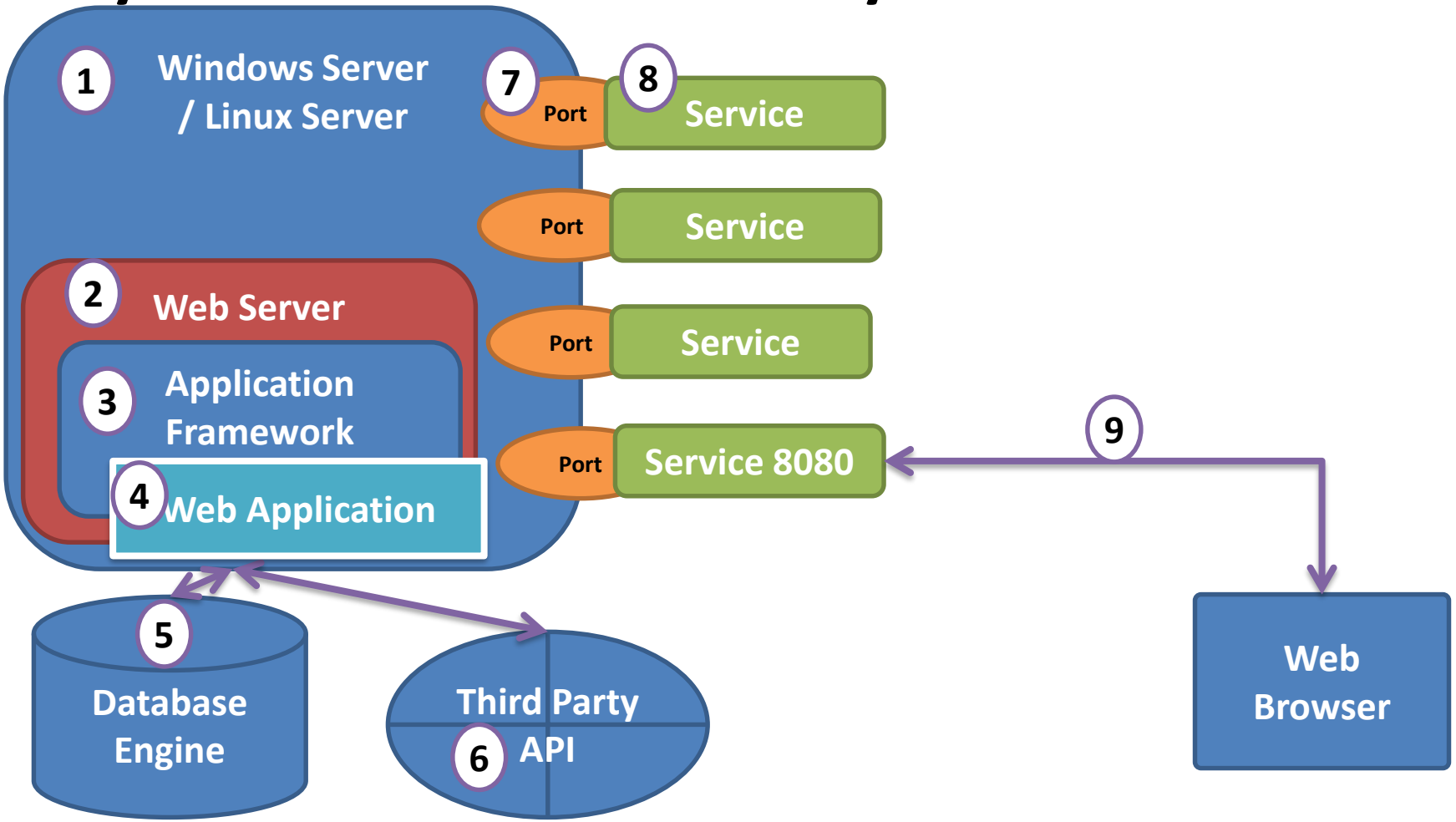
✓Pen-Tester should have through knowledge front end and back end (programming language) of the application.

✓Pen-Tester should know various reverse engineering techniques.

✓This also good strategy in the case of Mobile Application as more than 50% code is resides in the mobile phone it self.

✓This strategy will fail in the case when binaries are locked.

Why do we have Vulnerability ?



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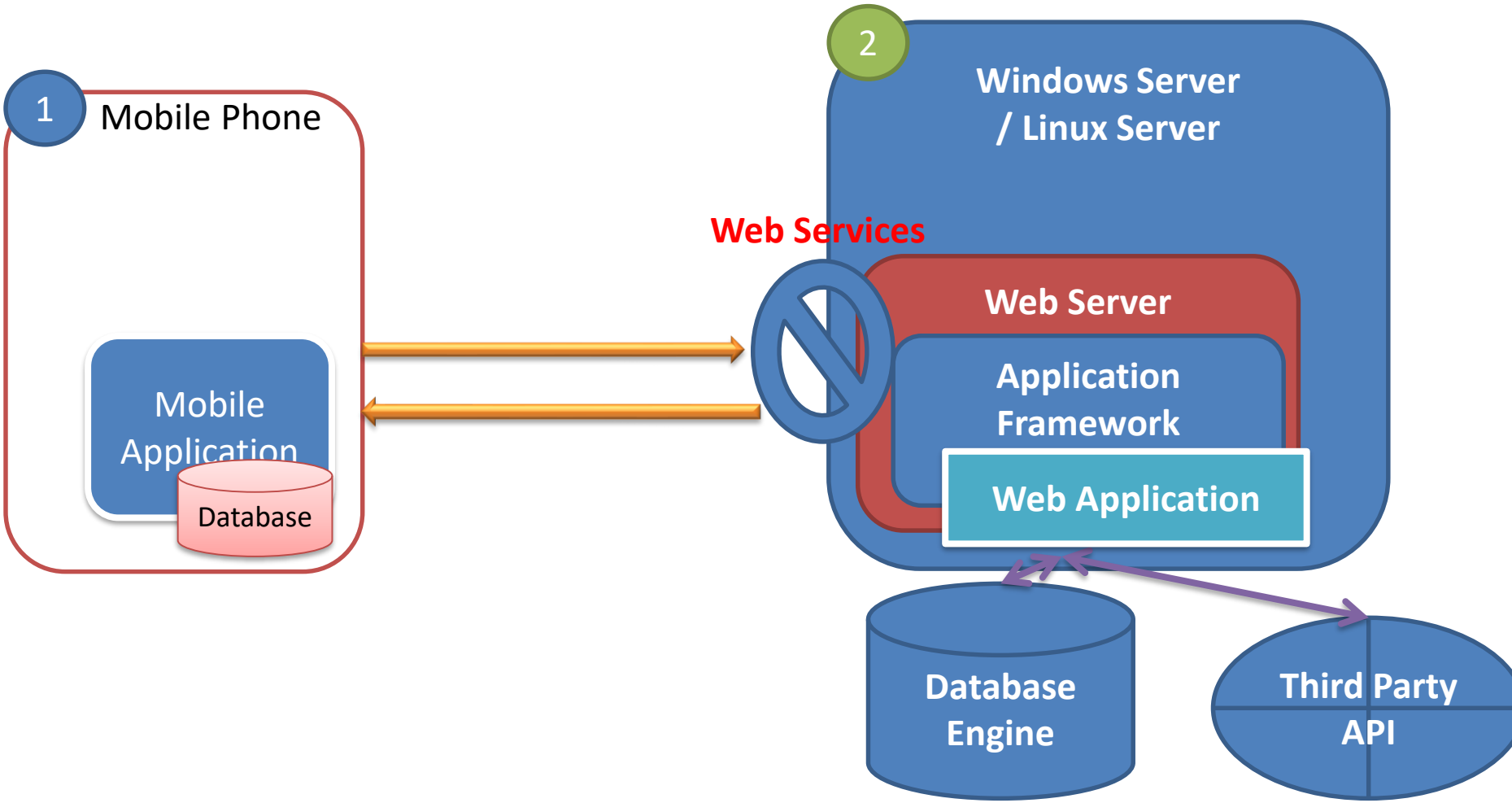
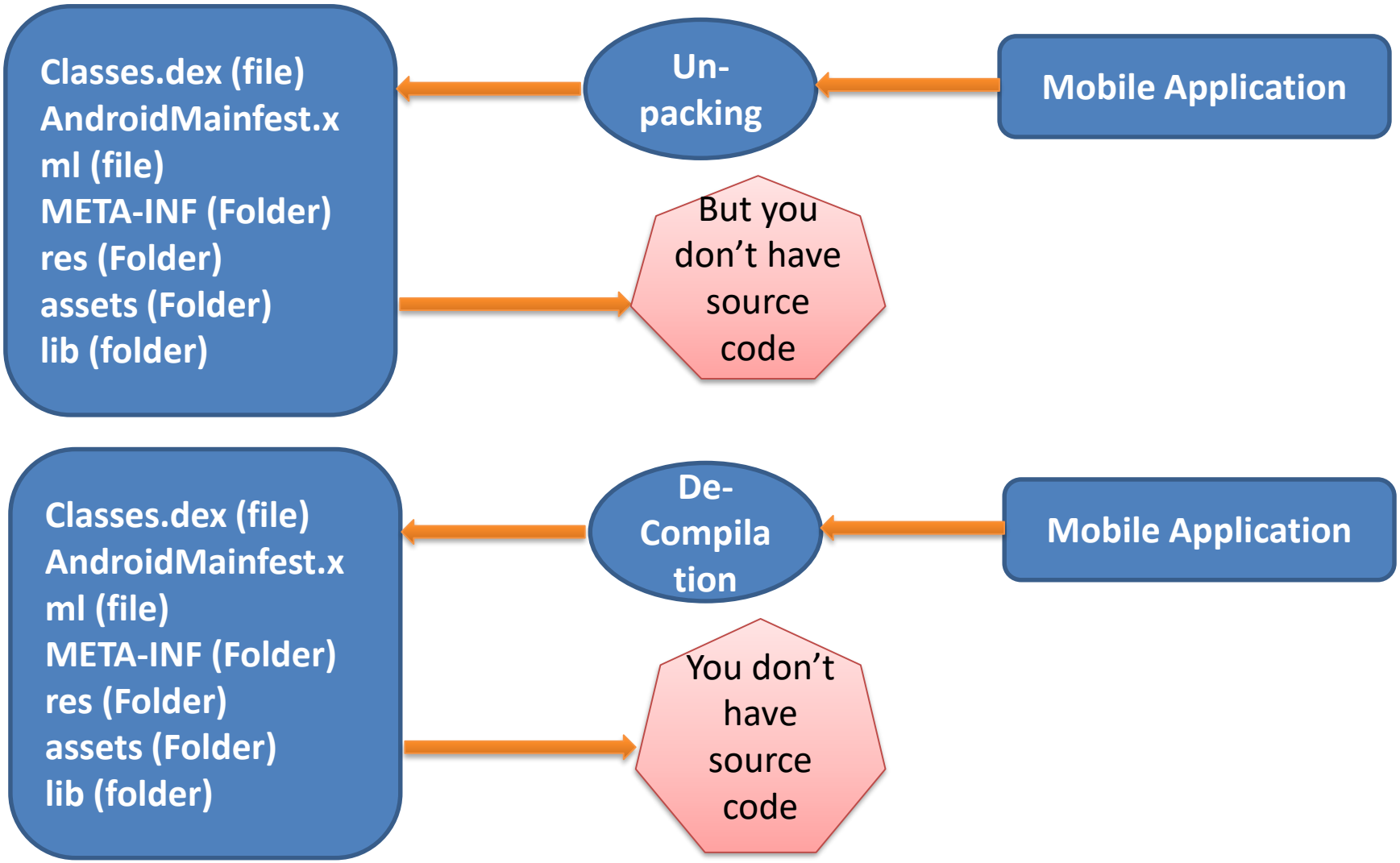


Reverse Engineering Vs Un-Packing



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