

# STD DOCUMENT

## "LINKED IN" MOBILE APPLICATION

**MAIN GOAL:** To check whether or not a completely designed and written mobile application is working smoothly on different device types and operating systems.

### TESTING STEPS PERFORMED:

- ✓ [FUNCTIONALITY](#) (Verify there is no dead page or invalid redirects, use wrong inputs to perform negative testing, [security](#), [encryption](#), [vulnerabilities](#), verify the general workflow of the system)
- ✓ [NETWORK](#) (as part of functionality)
- ✓ [MESSAGING](#) (as part of functionality)
- ✓ [PUBLICATIONS](#)
- ✓ [VACANCIES](#)
- ✓ [UI/UX](#) (Performed to verify the interface and the dataflow from one system to other)
- ✓ [COMPATIBILITY](#) (Browser compatibility, operating system compatibility, device compatibility (notebook, mobile, etc.))
- ✓ [USABILITY](#) (navigation and controls, content checking, user intuition, [localization](#))

## Case 1: FUNCTIONALITY

Pages tested: login to (and using of) profile page, network page, messaging page, publications page, vacancies page, etc.  
Test steps:

Test type	Explanation	Expected result	Actual result	Pass\fail	Remarks
Enter with correct user\password	use correct login info to enter application	Success message and\or action from the system	everything is working correctly	<b>passed</b>	Enter attempt accepted
Enter with incorrect user\password	use incorrect login info to enter application	Success message and\or action from the system	everything is working correctly	<b>passed</b>	Enter attempt accepted
Enter using correct email	use correct email to enter application	Success message and\or action from the system	everything is working correctly	<b>passed</b>	Enter attempt accepted
Enter using incorrect email	use incorrect email to enter application	Error message and\or action from the system	everything is working correctly	<b>passed</b>	Enter attempt rejected – credentials incorrect
Enter using correct phone number	use correct phone number to enter application	Error message and\or action from the system	everything is working correctly	<b>passed</b>	Enter attempt rejected – email + password required to enter
Enter using incorrect phone number	use incorrect phone number to enter application	Error message and\or action from the system	everything is working correctly	<b>passed</b>	Enter attempt rejected – email + password required to enter
Enter without required credentials at all	use no information input at all to enter	Error message and\or action from the system	everything is working correctly	<b>passed</b>	Enter attempt rejected – email + password required to enter
Enter using part of the required information	Use partial information input all to enter	Error message and\or action from the system	everything is working correctly	<b>passed</b>	Enter attempt rejected – credentials required to enter
Security standard check	Check for the Security standard used	Show SSL status system message	everything is working correctly.	<b>passed</b>	Site and application are both SSL-encrypted
	CERT SIGNATURE ALGORITHM	Certificate Success \ Error message and\or action from the system	everything is working correctly.	<b>passed</b>	No Certificate Error message and\or action was received from the system

	CERT_TUST	Certificate Success \ Error message and\or action from the system	everything is working correctly.	<b>passed</b>	No Certificate Error message and\or action was received from the system
	CERT_EXPIRATION STATUS	Certificate Success \ Error message and\or action from the system	everything is working correctly.	<b>passed</b>	No Certificate Error message and\or action was received from the system
	CERT_CRL REVOKED	Certificate Success \ Error message and\or action from the system	everything is working correctly.	<b>passed</b>	No Certificate Error message and\or action was received from the system
	CERT_OCSP REVOKED	Certificate Success \ Error message and\or action from the system	everything is working correctly.	<b>passed</b>	No Certificate Error message and\or action was received from the system

SSL CERTIFICATION PROTOCOLS USED	SSLv2	EP Success \ Error message and\or action from the system	Supported. Everything is working correctly.	<b>passed</b>	SSL_CK_RC4_128_WITH_MD5 128 BITS. STILL IN USE. HOWEVER – DOES NOT SUPPORT THE US FIPS 140-2 STANDARD
	SSLv3	EP Success \ Error message and\or action from the system	Supported. Everything is working correctly.	<b>passed</b>	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 256 BITS_TLS 1.2
	TLS1_2	EP Success \ Error message and\or action from the system	Supported. Everything is working correctly.	<b>passed</b>	TLS_RSA_WITH_AES_256_CBC_SHA AES WITH 256-BIT KEY
	ALPN_HTTP2	EP Success \ Error message and\or action from the system	Supported. Everything is working correctly.	<b>passed</b>	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256

VULNERABILITIES CHECK PROTOCOLS USED	HEARTBLEED	EP Success \ No error message and\or action from the system	Everything is working correctly.	Not vulnerable
	CCS	EP Success \ No error message and\or action from the system	Everything is working correctly.	Not vulnerable
	TICKETBLEED	EP Success \ No error message and\or action from the system	Everything is working correctly.	Not vulnerable
	ROBOT	EP Success \ No error message and\or action from the system	Everything is working correctly.	Not vulnerable
	SECURE_RENEGOTIATION	EP Success \ No error message and\or action from the system	Everything is working correctly.	Could not define
	SECURE_CLIENT_RENEGOTIATION	EP Success \ No error message and\or action from the system	Everything is working correctly.	Not vulnerable
	CRIME_TLS	EP Success \ No error message and\or action from the system	Everything is working correctly.	Not vulnerable
	POODLE_SSL	EP Success \ No error message and\or action from the system	Everything is working correctly.	Not vulnerable
	FALLBACK_SCSV	EP Success \ No error message and\or action from the system	Everything is working correctly.	Not vulnerable
	SWEET 32	EP Success \ No error message	Everything is working correctly.	Not vulnerable

		and/or action from the system		
	FREAK	EP Success \ No error message and/or action from the system	Everything is working correctly.	Not vulnerable
	DROWN	EP Success \ No error message and/or action from the system	Everything is working correctly.	Not vulnerable
	LOGJAM	EP Success \ No error message and/or action from the system	Everything is working correctly.	Not vulnerable
	WINSHOCK	EP Success \ No error message and/or action from the system	Everything is working correctly.	Not vulnerable

## Case 2: NETWORK PAGE Test steps:

Test type	Explanation	Expected result	Actual result	Pass\fail	Remarks
Show contact	Browse through contact list	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Groups	Manage my groups	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Pages	Manage my pages	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Invitations	Manage my invitations	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Writing a message	Write a message to someone	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Writing a PM message	Write a PM message to someone	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Controlling my network					
Remove a contact	Remove someone from contacts	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful

Add contact	Add a new contact	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Filter contact list	People, recently added, name, surname	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
I am following	Follow someone	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful

### Case 3: MESSAGING PAGE

Test steps:

Test type	Explanation	Expected result	Actual result	Pass\fail	Remarks
Add contact	Browse through contact list	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Scan QR code	Add a new contact	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Press a profile icon to send a message	Follow someone	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Add external files to the message	Manage my groups	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Make a pic to send <sup>1</sup>	Manage my pages	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Make a video to send <sup>2</sup>	Manage my invitations	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Mention someone	Mention someone within a post	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Mailing list	Writing a mass-mail to someone	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Groups					
Testing	Subscribe, enter the group, communicate, share, review settings, leave the group, send a grievance	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful

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Background pictorial options like in Facebook <sup>1</sup>

Background video options like in Facebook <sup>2</sup>

Software testing and QA	Subscribe, enter the group, communicate, share, review settings, leave the group, send a grievance	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Selenium automation user group	Subscribe, enter the group, communicate, share, review settings, leave the group, send a grievance	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Pages	Subscribe, enter the group, communicate, share, review settings, leave the group, send a grievance	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful

#### Case 4: PUBLICATIONS PAGE Test steps:

Test type	Explanation	Expected result	Actual result	Pass\fail	Remarks
Add foto	Add foto to a post	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Add video	Add video to a post	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Use a templet	Use a templet to style a post	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Mark an occasion	Create and style an occasion	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Send a document	Send a document within a post	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Share a status	Share a status within a post	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Create a questionnaire	Create a questionnaire within a post	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Find a professional	Find a professional to use for help	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Create a happening	Create a happening for a group	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful

**Case 4: VACANCIES PAGE** Test steps:

Test type	Explanation	Expected result	Actual result	Pass\fail	Remarks
Add a vacancy	Add foto to post a vacancy	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
My vacancies	Add video to post a vacancy	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Use a templet	Use a templet to post a vacancy	Functionality present	Functionality absent	<b>fail</b>	Attempt unsuccessful
Add a document	Add a document to post a vacancy	Functionality present	Functionality absent	<b>fail</b>	Attempt unsuccessful
Share a status	Share a status within a vacancy	Functionality present	Functionality absent	<b>fail</b>	Attempt unsuccessful
Create a questionnaire	Create a questionnaire within a vacancy	Functionality present	Functionality absent	<b>fail</b>	Attempt unsuccessful
Select type of vacancy	Partial, full time, remote, hybrid	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful

**Case 5: UI/UX**

Test steps:

Test type	Explanation	Expected result	Actual result	Pass\fail	Remarks
Outer appearance	General view	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Screen control (Elements)	toolbars, colors, typefaces, sizes, buttons, icons, etc.	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Simple to Use	Check for being Simple to use	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Consistency and Reasonability	Check for Consistency and Reasonability	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Accessibility	Check for Accessibility	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Compatibility	Check for Compatibility	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Usability	Check for Usability	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful



Fonts	Check for Fonts	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Icons	Check for Icons	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Required fields	Check for Required fields	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Data type errors	Check for Data type errors	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful

## Case 6: COMPATIBILITY

Test steps:

Test type	Explanation	Expected result	Actual result	Pass\fail	Remarks
Browser types	Chrome	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
	Firefox	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
Phone types	Android	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
	iPhone	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
OS types	Android	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful
	iOS	Functionality present	Everything is working correctly	<b>passed</b>	Attempt successful

Case 7: USABILITY – (both on Android and iPhone) Test steps:

Test type	Explanation	Expected result	Actual result	Pass\fail	Remarks
Flickering	Whether Flickering is or isn't there	Functionality correct	No Flickering detected	<b>passed</b>	Attempt successful
Refresh rate	Quality of the screen refresh rate	Functionality correct	Refresh rate is ok (android Redmi note 7 (60Hz), and iPhone 8 (60Hz))	<b>passed</b>	Attempt successful
Application size	Android 8.0 level 26	-----	174.73 MB	-----	13 JAN 2023 VER 4.1.775

	iOS 13.0 64bit	-----	174.73 MB	-----	13 JAN 2023 VER 9.1.297
Native \ hybrid \ Web	Android 8.0 level 26	-----	-----	-----	.apk - native
	iOS 13.0 64bit	-----	-----	-----	.ipa - native
	Web	-----	-----	-----	Cross-platform
	Hybrid	-----	-----	-----	None
User intuition	Check whether the interface is intuitively understandable	Functionality correct	No Flickering detected	passed	Attempt successful

LOCALIZATION	STATUS	SUPPORTED		Tested
	Everything is working correctly	English                      Korean Arabic                      Malay Chinese (Simplified)   Norwegian Chinese (Traditional)   Polish Czech                      Portuguese Danish                      Romanian Dutch                      Russian French                      Spanish German                      Swedish Hindi                      Thai Indonesian                      Turkish Italian                      Ukrainian Japanese                      Norwegian		English
	Everything is working correctly			Ukrainian
	Everything is working correctly			Russian
	Everything is working correctly			Hebrew
	Everything is working correctly			French
	Everything is working correctly			German
	Everything is working correctly			Czech
	Everything is working correctly			Norwegian

TEST SUMMARY REPORT  
"LINKEDIN" MOBILE APPLICATION



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**271 контакт**

# TEST SUMMARY REPORT

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## 1. Purpose

This report presents results of the tests done on the “LinkedIn” mobile application. The tests performed were carried out over all of the site’s functions, such as navigation, menuses, orderly placement of items, color schemes, contact forms, etc.

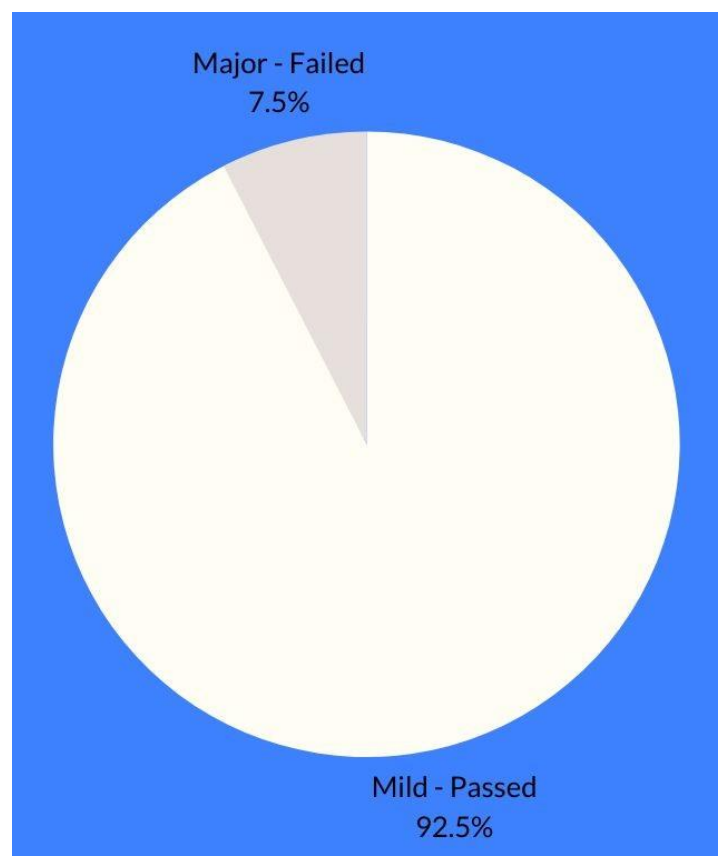
## 2. Application Overview

LinkedIn is the world's largest professional network on the internet. You can use LinkedIn to find the right job or internship, connect and strengthen professional relationships, and learn the skills you need to succeed in your career. You can access LinkedIn from a desktop, LinkedIn mobile app, mobile web experience, or the LinkedIn Lite Android mobile app.

## 3. Metrics

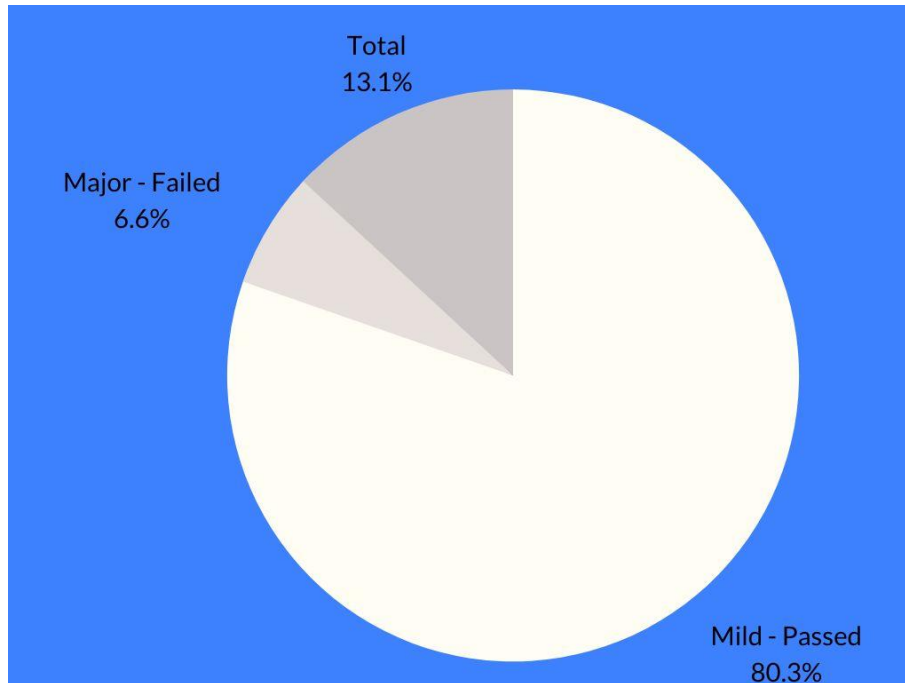
Mild - Passed	Major - Failed
49	4

BUG CHART



## BUG SEVERITY CHART

MAJOR	MINOR	TOTAL
4	49	53



### 4. Recommendations

- ✓ Create a "Use a templet to post a vacancy" option to add vibrancy to posts
- ✓ Create a "Add a document to post a vacancy" option to add ease of creating to posts
- ✓ Create a "Share a status within a vacancy" option to add liveliness to posts
- ✓ Create a "Questionnaire within a vacancy" option to add functionality to posts

### 5. Conclusion

Following the tests performed on the "LINKEDIN" MOBILE APPLICATION – a small amount of bugs was found. In spite of the presence of the beforementioned bugs, - the website's critical functions (navigation, menuses, orderly placement of items, color schemes, contact form, etc.) work properly. As a result - I recommended releasing the site to the public.

### 6. Bugs report

- ✓ "Use a templet to post a vacancy" option is inactive or missing
- ✓ "Add a document to post a vacancy" option is inactive or missing
- ✓ "Share a status within a vacancy" option is inactive or missing
- ✓ "Questionnaire within a vacancy" option is inactive or missing

**[ER-5] [templates and options missing](#)** Created: 24/Jan/23 Updated: 29/Jan/23

Status:	To Do
Project:	<a href="#">eugene raichman</a>
Components:	“Linked In” mobile application
Affects versions:	Android 8 (level 26) 4.1.713 version, iOS 13.0 64 bit version
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	<a href="#">alex varov</a>	Assignee:	<a href="#">alex varov</a>
Resolution:	Unresolved	Votes:	0
Labels:	To Do		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Severity:	medium
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**Description**

- \* “Use a templet to post a vacancy” option is inactive or missing – severity medium
- \* “Add a document to post a vacancy” option is inactive or missing – severity medium
- \* “Share a status within a vacancy” option is inactive or missing – severity medium
- \* “Questionnaire within a vacancy” option is inactive or missing – severity medium

## SECURITY REVIEW

SECURITY STANDARD CHECK	CHECK FOR THE SECURITY STANDARD USED	Show SSL status system message	everything is working correctly.	passed	Site and application are both SSL- encrypted
	CERT SIGNATURE ALGORITHM	Certificate Success \ Error message and\or action from the system	everything is working correctly.	passed	No Certificate Error message and\or action was received from the system
	CERT_TUST	Certificate Success \ Error message and\or action from the system	everything is working correctly.	passed	No Certificate Error message and\or action was received from the system
	CERT_EXPIRATION STATUS	Certificate Success \ Error message and\or action from the system	everything is working correctly.	passed	No Certificate Error message and\or action was received from the system
	CERT_CRL REVOKED	Certificate Success \ Error message and\or action from the system	everything is working correctly.	passed	No Certificate Error message and\or action was received from the system
	CERT_OCSP REVOKED	Certificate Success \ Error message and\or action from the system	everything is working correctly.	passed	No Certificate Error message and\or action was received from the system

SSL CERTIFICATION PROTOCOLS USED	SSLv2	EP Success \ Error message and\or action from the system	Supported. Everything is working correctly.	passed	SSL_CK_RC4_128_WITH_MD5 128 BITS. STILL IN USE. HOWEVER – DOES NOT SUPPORT THE US FIPS 140-2 STANDARD
	SSLv3	EP Success \ Error message and\or action from the system	Supported. Everything is working correctly.	passed	TLS_RSA_WITH_AES_256_CBC_SHA AES WITH 2048 -BIT KEY
	TLS1_2	EP Success \ Error message and\or action from the system	Supported. Everything is working correctly.	passed	TLS_RSA_WITH_AES_156_CBC_SHA AES WITH 256-BIT KEY



	ALPN_HTTP2	EP Success \ Error message and \ or action from the system	Supported. Everything is working correctly.	<b>passed</b>	TLS_ECDHE_RSA_WITH_ _AES_128_GCM_SHA256
"Breach" protocol	a specific kind of Quickhack that uploads Daemons onto a network	EP Success \ Error message and \ or action from the system	Supported. Everything is working correctly.	Passed – <b>error  message</b> received	Daemon as a background process that handles periodic service requests from remote processes. It is alerted to the request by the operating system and is autonomous (it can choose whether to complete a request itself or forward it to another program or process). Being a rootkit – it is hidden from the OS and could damage the device and mislead a user by modifying the security state of a system.
"LUCKY13" protocol	a cryptographic timing attack that can be used against implementations of the Transport Layer Security (TLS) and Datagram Transport Layer Security (DTLS) protocols using the Cipher Block Chaining (CBC) mode of operation.	EP Success \ Error message and \ or action from the system	Supported. Everything is working correctly.	Passed – <b>error  message</b> received	This breach uses TLS CBC ciphers and affects the TLS 1.1 and 1.2 and DTLS 1.0 or 1.2 implementations. It also affects previous versions such as SSL 3.0 and TLS 1.0. As a result of a successful attack - an attacker exploiting this vulnerability is able to read the plaintext of a TLS encrypted session. This can result in the loss of sensitive information.