

PENETRATION TEST REPORT

Example, Inc.
Example Pentest

yyyy-mm-dd (1.0)

This report is for the sole information and use of Example, Inc.

Secure By Default, Inc. +0 123 456 789 contact@sbd.local https://sbd.local/

Executive Summary

Example, Inc. (i.e. the customer) engaged Secure By Default, Inc. to conduct a penetration test on their systems. In accordance with the customer the following types of penetration tests have been conducted:

- pentest against web applications
- pentest against IP hosts

Vulnerabilities with severity scores between 6.0 and 9.8 (on a scale from 0–10) have been found (see Table 1). A detailed list thereof, including descriptions on how they were found, and recommendations for mitigations, can be found in Section 2.

Table 1: The vulnerability classes, the highest severity, and the number of issues per class.

Class	Severity	Issues
Class A	1	2
Class B		1
Total		3

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Contents

\mathbf{E}_{2}	Executive Summary 2				
1	Intr	duction	4		
	1.1	Personnel	4		
	1.2	Scope	4		
	1.3	Methodology	4		
	1.4	Limitations	4		
	1.5	Fools	5		
2	Res	lts	6		
	2.1	Lorem Ipsum Dolor sit Amet	7		
		2.1.1 Evidence	7		
		2.1.2 Affected Assets	7		
		2.1.3 Severity	7		
		2.1.4 Recommendations	8		
		2.1.5 References	8		
		2.1.6 Images	9		
	2.2	Aenean Gravida Pulvinar Lacus	10		
		2.2.1 Evidence	10		
		2.2.2 Affected Assets	10		
		2.2.3 Severity	10		
		2.2.4 Recommendations	10		
		2.2.5 References	10		
	2.3	EXAMPLE] Lorem Ipsum Dolor sit Amet	11		
		2.3.1 Evidence	11		
		2.3.2 Affected Assets	11		
		2.3.3 Severity	11		
		2.3.4 Recommendations	12		
		2.3.5 References	12		
		2.3.6 Images	13		

1 Introduction

Example, Inc. (i.e. the customer) engaged Secure By Default, Inc. to conduct a penetration test on their systems. In accordance with the customer the following types of penetration tests have been conducted:

- pentest against web applications
- pentest against IP hosts

1.1 Personnel

The following people were part of this penetration test:

- Customer (customer@example.com)
- Software Engineer (se@example.com)
- Project Lead (lead@sbd.local)
- Pentester (hacker@sbd.local)

1.2 Scope

Between yyyy-mm-dd and yyyy-mm-dd the following components have been analyzed:

- example.com (application server)
- https://example.com/ (web application)

All test-related IP traffic originates from the following addresses:

• 11.22.33.44/24

1.3 Methodology

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1.4 Limitations

During the engagement the following limitations were detected. Secure By Default recommends to re-test the affected components once all limitations have been resolved.

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porta lacinia ligula, ut dictum mi viverra at. Nullam dictum eros vitae massa ultrices, ac iaculis ante rhoncus. Donec pellentesque nec est sed porta.

1.5 Tools

The following tools have been used during the engagement:

• Nmap: network scanner

• cURL: command-line tool for transferring data using various network protocols

 \bullet SSLyze: TLS scanning tool

 $\bullet\,$ Nessus: vulnerability scanner

• Burp Suite: web application security scanner

• Git: collaboration tool

• LATEX: document preparation

2 Results

Table 2: Vulnerabilities and their severity.

Vulnerability	Severity
Lorem Ipsum Dolor sit Amet	9.8
Aenean Gravida Pulvinar Lacus	6.0

Table 3: Vulnerabilities and their severity (component "EXAMPLE").

Vulnerability	Severity
[EXAMPLE] Lorem Ipsum Dolor sit Amet	6.5

2.1 Lorem Ipsum Dolor sit Amet

Repellat corporis aut odio veniam non autem vel. Repudiandae rerum et unde. Accusamus quae et repellat. Quod deserunt facilis voluptate dignissimos quidem ut iste. Accusantium sed et maiores deleniti. Officia eaque ad est amet.

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Possimus facilis aliquid consequatur consequantur quos perferendis quia. Magni eveniet quas omnis culpa assumenda doloribus voluptas. Vero repellat sed vero facere error ducimus et.

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Omnis

Dolorem omnis unde itaque sit architecto autem sequi. Ut nemo ratione fugiat. Veniam incidunt voluptatum cumque aut. Rerum est odio cupiditate id esse sed rerum.

2.1.1 Evidence

2.1.1.1 vulnerable.example.com

Repellat corporis aut odio veniam non autem vel. Repudiandae rerum et unde. Accusamus quae et repellat. Quod deserunt facilis voluptate dignissimos quidem ut iste.

```
$ curl -iks https://vulnerable.example.com/ | grep -i 'server:'
Server: Apache 2.14
```

You can link to images: see Figure 1.

Severity: critical

2.1.1.2 POST api.example.com/v2/resource

Possimus facilis aliquid consequatur consequantur quos perferendis quia. Magni eveniet quas omnis culpa assumenda doloribus voluptas. Vero repellat sed vero facere error ducimus et.

You can also link to other issues: see Section 2.3.

Severity: low

2.1.2 Affected Assets

- vulnerable.example.com
- api.example.com

2.1.3 Severity



Attack Vector

Low

Attack Complexity

High

Network Adjacent Local Physical Unchanged

Confidentiality

Scope

None Low High

Changed

Privileges Required Integrity

None Low High

User Interaction Availability

None Required None Low High

2.1.4 Recommendations

- Alias velit cumque sit.
- Ut quisquam et a cupiditate.
- Ut nemo ratione fugiat.

2.1.5 References

- Reference A
- Reference B
- Reference C

2.1.6 Images

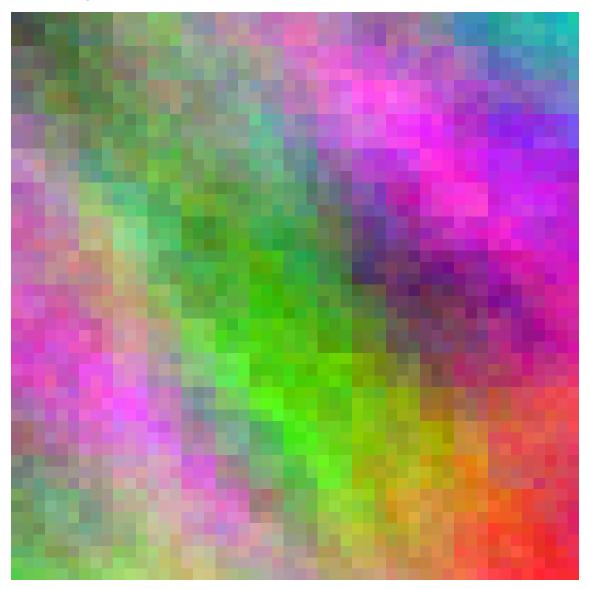


Figure 1: Vero repellat sed vero facere error ducimus et.

2.2 Aenean Gravida Pulvinar Lacus

Nullam gravida urna eget massa sagittis sodales. Aenean venenatis convallis diam. Nulla eu nulla eget ligula bibendum placerat in vel nisi. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos.

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Rhoncus

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2.2.1 Evidence

2.2.1.1 GET api.example.com/v2/resource

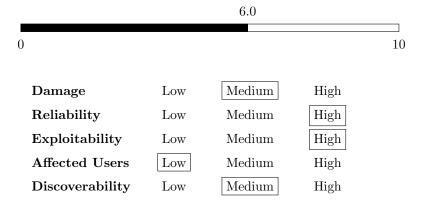
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer ac massa non sapien congue hendrerit vel ac augue. Pellentesque eros mi, sagittis in metus vestibulum, pretium iaculis est.

Severity: medium

2.2.2 Affected Assets

• api.example.com

2.2.3 Severity



2.2.4 Recommendations

- Mauris at nisi finibus velit.
- Sed ut ligula hendrerit orci elementum luctus.
- Fusce dignissim nisi non dolor suscipit mattis.

2.2.5 References

- Example Reference
- Another Reference

2.3 [EXAMPLE] Lorem Ipsum Dolor sit Amet

Repellat corporis aut odio veniam non autem vel. Repudiandae rerum et unde. Accusamus quae et repellat. Quod deserunt facilis voluptate dignissimos quidem ut iste. Accusantium sed et maiores deleniti. Officia eaque ad est amet.

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Possimus facilis aliquid consequatur consequantur quos perferendis quia. Magni eveniet quas omnis culpa assumenda doloribus voluptas. Vero repellat sed vero facere error ducimus et.

Laudantium

Qui quia et aut officiis laudantium possimus possimus. Alias velit cumque sit. Et hic ipsum dolores et porro voluptatem. Non sunt quaerat sit cum error dolorem sapiente.

Omnis

Dolorem omnis unde itaque sit architecto autem sequi. Ut nemo ratione fugiat. Veniam incidunt voluptatum cumque aut. Rerum est odio cupiditate id esse sed rerum.

2.3.1 Evidence

2.3.1.1 vulnerable.example.com

Repellat corporis aut odio veniam non autem vel. Repudiandae rerum et unde. Accusamus quae et repellat. Quod deserunt facilis voluptate dignissimos quidem ut iste.

```
$ curl -iks https://vulnerable.example.com/ | grep -i 'server:'
Server: Apache 2.14
```

Ut quisquam et a cupiditate (see Figure 2).

Severity: critical

2.3.1.2 POST api.example.com/v2/resource

Possimus facilis aliquid consequatur consequantur quos perferendis quia. Magni eveniet quas omnis culpa assumenda doloribus voluptas. Vero repellat sed vero facere error ducimus et.

Severity: low

2.3.2 Affected Assets

- vulnerable.example.com
- api.example.com

2.3.3 Severity



Attack Vector

Network Adjacent Local Physical

Confidentiality

Unchanged

None Low High

Changed

Integrity

Scope

None Low High

Availability

None Low High

Attack Complexity

Low High

Privileges Required

None Low High

User Interaction

None Required

2.3.4 Recommendations

- Alias velit cumque sit.
- Ut quisquam et a cupiditate.
- Ut nemo ratione fugiat.

2.3.5 References

- Reference A
- Reference B
- Reference C

2.3.6 Images



Figure 2: Vero repellat sed vero facere error ducimus et.