

## CERT-LT ACTIVITY REPORT FOR THE SECOND QUARTER OF 2015

National Electronic Communications Networks and Information Security Incident Response Team of the Communications Regulatory Authority of the Republic of Lithuania (CERT-LT) summarizes its activity results of the second quarter of 2015. **During the said quarter, CERT-LT investigated 9527 incidents pursuant to the notifications received from the Lithuanian electronic communications service providers, foreign CERT services engaged in the investigation of international incidents, and the Lithuanian Internet users.** If compared with the second quarter of 2014 (7373 incidents), the number of incidents increased by 29 percent. If compared with the first quarter of 2015 (11707 incidents), the number of incidents decreased by 18.6 percent.

According to the number of prevailing incidents this quarter is similar to the first quarter of 2015. Half of recorded incidents are related to vulnerabilities of network devices - 4698. In terms of the number of incidents, malicious software (viruses, Trojan horses, etc.) is in the 2nd place - 2579 cases. Also during the period referred to 1278 system compromises were recorded. CERT-LT research data demonstrated that the majority of the detected computer compromise cases were carried out by automated means and associated with vulnerable Internet software. The number of the above-mentioned types of incidents was decreasing: respectively 3.2 percent, 15.5 percent and 14.5 percent less than in the previous quarter.

The number of phishing cases decreased three times to 83 (in comparison with the first quarter of 2015). Social websites (facebook.com, vk.com), e-mail systems (gmail.com, yahoo.com), the electronic billing website paypal.com were imitated the most. Also websites of banks operating in Lithuania were faked. Using spam or other fraudulent means the evil-minded individuals were inviting to visit fake websites in order to obtain passwords or other confidential data. By prompt actions of CERT-LT those fakes were liquidated relatively quickly.

Other received and investigated notifications:

- 1) on illegal use of electronic data – 8;
- 2) on denial of electronic service – 14;
- 3) on breach of integrity – 2;
- 4) various types – 865 (including 68 consultations).

The most important event of the second quarter of 2015 - a new version of the Rules on the Ensurance of the Security and Integrity of Public Communications Networks, Electronic Communications Services and Electronic Information Hosting Services, which entered into force on 23 June. The main innovation - the Communications Regulatory Authority, in addition to Internet service providers, will also supervise the activities of electronic information hosting service providers. The latter will have to notify the CRA about the determined incident (e.g. denial of service, system compromises, etc.). Also, the Rules lay down the requirements for combating currently most relevant cybersecurity problems: counterfeiting of the IP address and phishing attacks. The current and older versions of the Rules are provided in the legal section of CERT-LT website: <https://www.cert.lt/teise.html>. See also the relevant novelty – <http://rrt.lt/lt/naujienos/nustatyti-nauji-reikalavimai-z9td.html>.

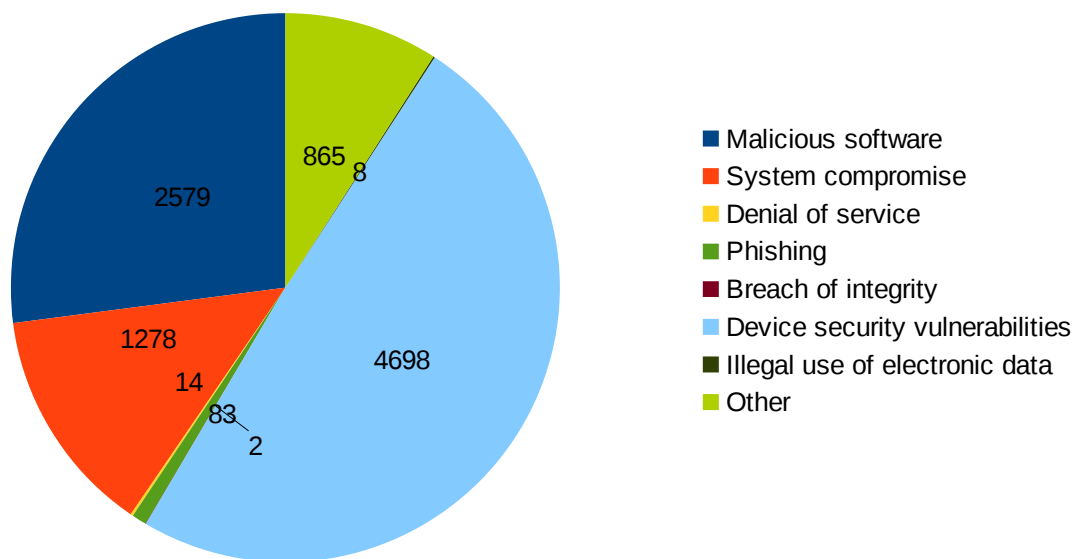
Tables and charts provide summaries of incidents. All CERT-LT statistical incident reports can be found at: <https://www.cert.lt/statistika.html>.

**Table 1.** Summary of incidents investigated by CERT-LT in the second quarter of 2015

Type of incident	Number of incidents	Percentage
Malicious software	2579	27.1
System compromise	1278	13.4
Denial of service	14	0.1
Phishing	83	0.9
Breach of integrity	2	0
Device security vulnerabilities	4698	49.3
Illegal use of electronic data	8	0.1
Other	865	9.1

**Table 2.** Comparison of the number of incidents investigated by CERT-LT in the 2nd quarter of 2014, the 1st and the 2nd quarter of 2015

Type of incident	Number of incidents		Change, in percent	
	Q1 2015	Q2 2014	Q2 2015 / Q1 2015	Q2 2015 / Q2 2014
Malicious software	3051	2412	-15.5	6.9
System compromise	1494	526	-14.5	143
Denial of service	18	35	-22.2	-60
Phishing	257	81	-67.7	2.5
Breach of integrity	1	11	100	-81.8
Device security vulnerabilities	4856	3310	-3.3	41.9
Illegal use of electronic data	5	5	60	60
Other	2025	993	-57.3	-12.9



**Fig. 1.** Statistics of the incidents recorded by CERT-LT in the second quarter of 2015