

Welcome to Prague!

DNS-OARC

CENTR Tech

CZ.NIC z. s. p. o.

Ondrej Filip / ondrej.filip@nic.cz

May 1 2010, Praha

CZ.NIC

- Not just a registry
- Projects for local community
- Projects for global community
- R&D founded Q2/2009
- Key projects - <http://labs.nic.cz>



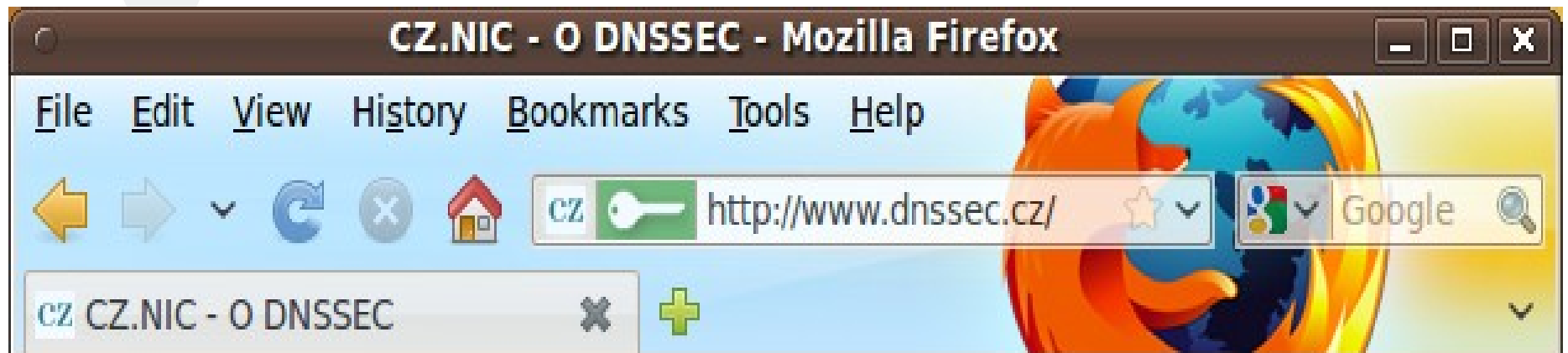


Registration system

- EPP registry (registry->registrar->registrant)
- Multiple domains and ENUM domains
- GNU GPL – no restrictions
- Currently used by .cz, .ao, .tz; .cr, .al. – some others testing
- <http://fred.nic.cz>

DNSSEC Firefox plugin

- Add-on for browser (Firefox)
- Checking DNSSEC validity



DNSSEC tester

- <http://www.dnssec-tester.cz>

The screenshot shows the Mozilla Firefox browser window displaying the DNSSEC Tests - Homepage. The address bar shows the URL <http://www.dnssec-tester.cz/>. The page title is "DNSSEC Tests - Homepage". The browser's menu bar includes File, Edit, View, History, Bookmarks, Tools, and Help. The search bar contains the text "Search device...". The navigation menu includes "HOMEPAGE" and "TEST TYPES". The "DEVICES LIST" section contains a list of device manufacturers: AirLive, Asus, AVM FRITZ, Buffalo, Cisco, D-Link, DrayTek, Edimax, Huawei, Lancom, LevelOne, Linksys, and Netgear. The main content area features a paragraph about DNSSEC technology, a paragraph about DNSSEC compatibility, and a paragraph about the website's purpose. A call-to-action box on the right side contains the text "Do you want to test your device for DNSSEC compatibility?", "Are you willing to share your experience with others?", and "Would you like to provide the information about the errors and advantages of your device?". Below this text is a button labeled "Download DNSSEC Hardware Tester Linux version (0.5MB)" and a link "All operating systems". The footer contains three sections: "STATISTICS", "MOST TESTED", and "TOP 10 DEVICES".

Search device...

HOMEPAGE TEST TYPES

DEVICES LIST

- AirLive
- Asus
- AVM FRITZ
- Buffalo
- Cisco
- D-Link
- DrayTek
- Edimax
- Huawei
- Lancom
- LevelOne
- Linksys
- Netgear

The [DNSSEC](#) technology expands the domain name system (DNS) by elements increasing the security of the services for the translation of domain names to IP addresses and vice versa. [DNSSEC](#) ensures the credibility of the data obtained from the DNS. One of the problems occurring in the [DNSSEC](#) introduction is the incompatibility of some devices with this security technology. This especially applies to hardware intended for use in households and small organisations, such as DSL modems, cable modems, internal routers, wireless network connection points, etc. The incompatibility means that the device is not able to process the DNS enquiries with the switched-on validation by means of [DNSSEC](#).

[DNSSEC](#) compatibility depends on other factors than just your device including your ISP's network, other devices in your local network or proper [DNSSEC](#) configuration of your device.

The information about the level of the [DNSSEC](#) compatibility of various devices based on the testing of each of them is offered by this website. The website contains the hardware database where you can find the device you have at home or intend to buy. Further, it includes a special testing application enabling the compatibility testing. After downloading it, the testing of your hardware will not take more than a few minutes. You can submit the result of such a test to the device database and thus inform other users and device producers, and contribute to the correction of any occurring problems.

This website is for all of you who:

- want to be sure that the hardware you intend to buy supports [DNSSEC](#);
- want to check whether your current hardware is [DNSSEC](#) compatible;
- feel like helping with the testing of hardware and increasing the awareness among users and producers.

Do you want to test your device for DNSSEC compatibility?

Are you willing to share your experience with others?

Would you like to provide the information about the errors and advantages of your device?

Download DNSSEC Hardware Tester
Linux version (0.5MB)

[All operating systems](#)

STATISTICS MOST TESTED TOP 10 DEVICES

BIRD Internet Routing Daemon

- Routing daemon – supporting BGP, OSPF, RIP – IPv6 and IPv4
- Used as route server by some major IXPs (NIX.CZ, LINX, DE-CIX, Switch&Data,)
- <http://bird.network.cz>



Welcome to Prague



Welcome to Prague



Welcome to Prague



Enjoy!

