OMB No. 1640-0012
Expires: 08/31/2010

DHS PREDICT Request a Dataset Page

1. Department Name: Department of Homeland Security

2. Component/Agency Name: Science and Technology Directorate

3. OMB Control Number: 1640-0012

4. Expiration Date: 08/31/2010

5. Agency Form Number: DHS Form 10032

6. Name of Form: Request a Dataset Page

7. Purpose of Form: This is the form Researchers fill out in order to request data from the PREDICT repository

8. How to submit: Hit the submit button on the web page.

PREDICT

Protected Repository for the Defense of Infrastructure Against Cyber Threats

OMB # 1640-0012
Expires 8/31/2010
Susanna Cantor

Dataset Catalog

Help

To view the datasets in the Dataset Catalog, enter words to search for in the **Search Text** box below and click the **Search** button. In addition, you can check items from the **Attributes** list. Check the box next to each dataset to include the dataset in your Dataset Request.

(•) Any (OR) ( ) All (AND)

Search Text:

Collection Date/Time:

All Dates

Attributes:

- Dataset Categories (Click '+' to expand list. Use up and down arrow keys to navigate list.)
- Formats (Click '+' to expand list. Use up and down arrow keys to navigate list.)
- Anonymizations (Click '+' to expand list. Use up and down arrow keys to navigate list.)
- Keywords (Click '+' to expand list. Use up and down arrow keys to navigate list.)

Search

Request Selected Dataset(s)

Available Datasets:

123 datasets found | 0 datasets selected | Items Per Page: 5 | Sort By: Dataset Name

☐ **Active Topology Measurements with Skitter**

Category: Internet Topology Data
Hosted By: CAIDA
Short Description: Ongoing Active Topology Measurements
Long Description:
CAIDA's active topology measurement data has iteratively probed a wide range of IP addresses from 24 monitors on four continents. The main goals of the collection include measurement of forward IP and AS paths, measurement of round trip times, monitoring persistent routing changes, and visualizing network connnectivity.

Size: 3044.5 TBytes
Formats: Binary
Anonymization:
Keywords: Active measurement, Distributed Collection, No IP Anonymization, Round trip times, Skitter, Topology
Access: CD-ROM via mail, HTTPS
Collection Date: 7/15/1998 5:00:00 AM to 2/8/2008 12:00:00 AM

☐ **amsix.woodynet.pch.net**

Category: BGP Routing Table Data
Hosted By: PCH
Short Description: routing topology view from a PCH router
Long Description:
This database encompasses daily 'sh ip bgp' formatted snapshots of the routing information base (RIB) for router amsix.woodynet.pch.net, which is located at the AMS-IX Internet Exchange in Amsterdam, Netherlands. The routing topology depicted herein encompasses routes that have been exchanged between PCH and local peers that have agreed to share routing topology data for reseach purposes. Note that the scope of routing topology data captured in this data set will change constantly, as network conditions vary, local peers grow and evolve, and new peers are configured.

Size: 5.8 KBytes
Formats: Text
Anonymization: Prefix Preserving
Keywords: Forward IP paths, Internet, IP Address, Peering point, Router map, Routing tables, Topology
Access: HTTP
Collection Date: Ongoing Measurement

☐ **April 2003 Internet Topology Data Kit (ITDK)**

Category: Internet Topology Data
Hosted By: CAIDA
Short Description: 4/2003 routing and topology data
Long Description:
The April 2003 Internet Topology Data Kit includes traces from 23 skitter monitors, as well as associated data useful for tology and routing analysis including iffinder data consolidating IP addresses into router interfaces, RouteViews BGP routing Tables, and DNS name lookups. The ITDK also includes perl and C programs for analyzing the data. Data from the ITDK is used to create CAIDA's AS Core Internet map.

Size: 3.8 TBytes
Formats: Binary
Anonymization: Constant Substitution
Keywords: Active measurement, Distributed Collection, No IP Anonymization, Round trip times, Skitter, Topology
Access: HTTPS
Collection Date: 4/1/2003 4:00:00 AM to 4/30/2003 5:00:00 AM

☐ **April 24, 2003 OC48 Peering Point Trace**

Category: IP Packet Headers
Hosted By: CAIDA
Short Description: 4/24/2003 OC48 Trace
Long Description:
OC48 packet header trace from a peering point in a large ISP's network on April 24, 2003.

Size: 16.0 MBytes
Formats: pcap (Packet Capture library)
Anonymization: Prefix Preserving
Keywords: Full IP Anonymization, Internet, Packet header
Access: Disk via mail, HTTPS
Collection Date: 4/24/2003 7:00:00 AM to 4/24/2003 8:00:00 AM

☐ **attack-tcpsyn-20061106**

Category: IP Packet Headers
Hosted By: USC-LANDER
Short Description: tcp syn attack with background traffic
Long Description:
This tcp syn attack was captured by a large hosting service. The attack lasted 22 sec and the attack packet rate was about twice the background traffic, 80Kpps, vs. 40Kpps. The trace contains all packets during the attack.

Size:
Formats: pcap (Packet Capture library)
Anonymization: Prefix Preserving
Keywords: Denial of Service
Access: HTTPS
Collection Date: 11/6/2006 5:37:00 PM to 11/6/2006 5:37:00 PM

1 2 3 4 5 6 7 8 9 10 ...

Privacy Act Notice

DHS Authority to Collect This Information: The Homeland Security Act of 2002 [Public Law 107-296, §302(4)] authorizes the Science and Technology Directorate to conduct 'basic and applied research, development, demonstration, testing, and evaluation activities that are relevant to any or all elements of the Department, through both intramural and extramural programs.' In exercising its responsibility under the Homeland Security Act, S&T is authorized to collect information, as appropriate, to support R&D related to improving the security of the homeland.

Principal Purpose: DHS collects name, organization and title (if any), email address, home and/or work address, and telephone numbers for the purpose of contacting individuals regarding the PREDICT project and/or their involvement with PREDICT. When using the PREDICT portal, your IP address, user name, browser type, and access times will be collected for the purpose of conducting research about your opinion of current services or of potential new services that may be offered, or facilitating the operation of the PREDICT service, or maintaining quality of the service, or providing general statistics regarding use of the PREDICT Web site.

Routine Uses and Sharing: Some of your information will be disclosed to PREDICT team members, such as data hosts, data providers, PREDICT contractors, the Predict Coordinating Center, the advisory board, and review board members to help us deliver requested PREDICT services and operate the PREDICT Web site and deliver the services you have requested. Unless you consent otherwise, this information will not be used for any purpose other than those stated above. However, DHS may release this information for an individual on a case-by-case basis as described in the DHS/ALL-002 System of Records Notice (SORN), which can be found at: www.dhs.gov/privacy.

Disclosure: Furnishing this information is entirely voluntary; however, failure to furnish at least the minimum information required to register (to include full name and email address) will prevent you from obtaining authorization to access system.

PRA Burden Statement: An agency may not conduct or sponsor an information collection and a person is not required to respond to this information collection unless it displays a current valid OMB control number and an expiration date. The control number for this collection is 1640-0012 and this form will expire on 8/31/2010. The estimated average time to complete this form is 15 minutes per respondent. If you have any comments regarding the burden estimate you can write to Department of Homeland Security, Science and Technology Directorate, Washington, DC 20528.

DHS Form 10032 (12/07)