



UNCLASSIFIED

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INFORMATION MEMORANDUM IRM/BPC/eDiplomacy

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SUBJECT: Update on OSIS Commercial Services Accesses from the Department of State Open Net

Summary: *Over the last year, Department of State OpenNet+ users accessed OSIS commercial services at a rate of 15-30 users per day. EBSCO is accessed at a rate of about 12-15 users per day. This rate is very similar to the rate reported one year ago, for two short periods in September 2003.*

Details: Statistics were obtained for a period covering nearly a year¹ from September 2003 to August 2004. These statistics were used to examine accesses *from* the Department of State (DOS) to commercial information services on the Open Source Information System (OSIS) through OpenNet+. The dominant services accessed are *Economist Intelligence Unit (EIU)*, *EBSCO Host* and *Janes*. The DOS statistics are from the DOS firewall *webster.state.osis.gov*, and were provided by D. McFadden (IRM/OPS/MSO/EML/NCC).

The statistics provided were:

1. The top 100 IP addresses with number of accesses (mouse click or mouse click plus data entry), Kbytes transferred to the server and Kb or Mb received.
2. The top 100 sites accessed (for example web4.epnet.com is distinguished from web15.epnet.com although both are EBSCO servers providing access to information).
3. The number of Kb transferred and Mb received for all IP addresses over the year.
4. A subset of the data covering July and August 2004 with all details of the accesses performed.

Findings:

- Most accesses take place during the normal work week. A few accesses are completed over weekends.

¹ Time period 00:00:00 3 September, 2003 to 23:59:59 26 August, 2004

- The total number of individual IP addresses (computers) accessing commercial services over the last year was 4191. Conservatively assuming approximately 260 workdays in that period, this is an **average daily rate of 16 IP addresses** (roughly the number of individual users) accessing the OSIS commercial services from OpenNet+.
- In the two-month period covering July and August 2004, 1262 IP addresses accessed commercial services, or about 32 users per day, conservatively assuming access occur only workdays (no weekends).
- 541 IP's accessed EPSCO alone between 1 July and 1 September 2004 corresponding to approximately 12 accesses per day (45 workdays). IP addresses corresponded to a mixture of post users and domestic users. One IP address corresponded to a domestic OpenNet INR machine.
- 488 IP's accessed Janes during the same period, therefore EPSCO and Janes usage appears similar. Two IP addresses corresponded to INR machines.

Roughly 28 MB of data is received per workday (~260 days). This includes text, graphical elements, and imagery on pages as well as retrieved documents.

Accesses generally are of two kinds:

- Quick short looks at individual pages – Usually EIU, Janes and other sources.
- A threaded search, query, and retrieval spanning several minutes from 5 minutes to an hour. Many search and retrieval threads correspond to accesses to EBSCO due to the nature of the database service offered.

The one top URL accessed is the search page on EIU (db.eiu.com). EBSCO sites collectively dominate overall usage, with EIU and Janes following. Other services are occasionally accessed such as Oxford Analytica.

A table of the top 20 IP addresses is attached.

Top 20 IP Addresses over ~ 1 Year period: September 2003 - August 2004

Rank	IP	User	No of Connections (HITS)	Data Sent	Data Received
1	10.161.3.81	Berlin	5,645	7.5 Mb	208.5 Mb
2	10.209.132.138	Islamabad	3,644	5.3 Mb	174.2 Mb
3	10.186.0.183	Buenos Aires	2,531	3.3 Mb	108.6 Mb
4	10.161.0.117	Berlin	2,056	2.0 Mb	77.8 Mb
5	10.137.0.137	Pretoria	2,002	2.5 Mb	66.6 Mb
6	10.208.129.170	Chennai	1,951	2.5 Mb	73.5 Mb
7	10.209.2.82	Mumbai	1,741	2.5 Mb	55.3 Mb
8	10.192.192.212	Tunis	1,731	2.2 Mb	92.7 Mb
9	10.4.42.25	RPS/IPS -Library	1,703	2.0 Mb	72.0 Mb
10	10.209.2.57	Mumbai	1,449	1.9 Mb	60.2 Mb
11	10.161.0.143	Berlin	1,430	1.9 Mb	50.8 Mb
12	10.146.193.34	Seoul	1,414	1.4 Mb	41.1 Mb
13	10.165.64.128	Krakow	1,405	1.7 Mb	50.2 Mb
14	10.28.19.250	SA-42 (FSI)	1,370	2.0 Mb	62.6 Mb
15	10.192.192.144	Tunis	1,328	1.9 Mb	47.8 Mb
16	10.160.34.50	Riga	1,308	1.9 Mb	73.8 Mb
17	10.209.2.62	Mumbai	1,307	1.7 Mb	50.5 Mb
18	10.4.42.35	RPS/IPS -Library	1,279	1.5 Mb	83.0 Mb
19	10.4.42.33	RPS/IPS -Library	1,259	1.5 Mb	49.8 Mb
20	10.28.19.93	SA-42 (FSI)	1,228	1.3 Mb	69.6 Mb

Courtesy CC: D. McFadden IRM/OPS/MSO/EML/NCC