

Dunn and Bradstreet: Do they know something that we don't

by BIOC Agent 003 & Tuc

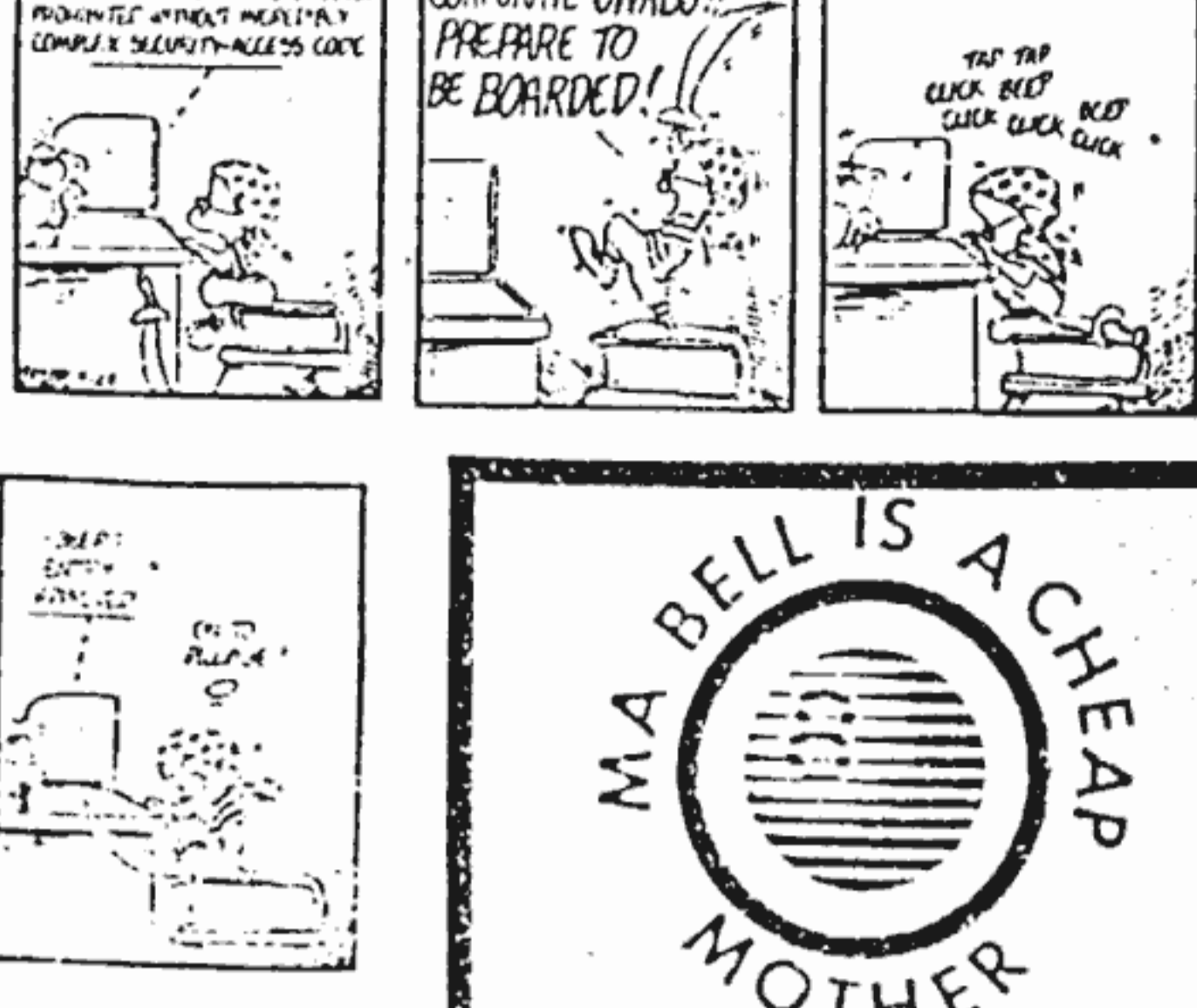
In issue #90, we explained how to use the Dunn and Bradstreet system (which is now known as Dun'sprint). A week after the issue was mailed a phellow phreak found out that a copy of the issue had fallen into the hands of our "friends" at D&B. To say the least, they weren't exactly thrilled about it. In fact, they did not even believe that they had a security problem! Well, that just goes to prove that if you are good (or they are incredibly stupid, whichever the case may be) no one will know that you are there!

In a big effort to defeat hackers, they called in an outside service to spruce up their "security." Fortunately for us, we were able to find out about the new system! This was not really a problem, though. First, they had the new dial-ups posted when you logged on. Secondly, they have a nice little place on Telenet! (Where we do most of our "work" -- C 20188).

Recently they have set up a new system they like to call DunsNet. They are trying to pass it off as a big savings of time since the hassle of using a time shared public network does not exist. We are sure that Mr. J.W.P. of DUNSPRINT had more on his mind when he wrote the letter (on the system)! DunsNet is accessible from a regular dial-up. We have not been able to get a number yet for this system; once on it allegedly works just like Telenet! Two carriage returns and you will see "DunsNet" followed by the familiar "9" symbol. To use the system like we showed you, type "RPTS" at the prompt. To see Duns Financial profiles type "DFP". Finally, to use the Official Airlines Guide, type "OAG". One nice thing about the system, though, is when you type help from the "9", it gives you a variety of options to try.

Sorry D & B.... Good news travels fast!

This is not a mirage. Details in issue #92!



The Hobbyist's Newsletter for the Communications Revolution

SPRING 1984 No. 91

Produced by TUC & BIOC Agent 003

YET MORE PHUN WITH UNIX by BIOC Agent 003

In previous issues of TAP, Fred Steinbeck (issues 78 & 79) & Simon Jester (issues 75 & 77) wrote about some interesting features of UNIX. In this article, I will hopefully expand on that theme.

Most UNIX systems are capable of communicating with other UNIX systems through a series of programs called uucp. Once on a UNIX system, type ls /usr/lib/uucp to list the support files stored in conjunction with the uucp programs.

The two most important files in this area (from a hackers point-of-view) are L.sys & L-dialcodes. It is in these files that the UNIX system stores the numbers AND passwords to other UNIX systems!

The first file (L.sys) contains: 1) the name of the remote system, 2) the time that the first UNIX system should call, 3) the hardware device that should be used for the call (ie, modem port #), 4) the baud rate, 5) the phone #, & 6) the logon information. For example, the file might look like:

MaBell MoTu tty99 300 dc2638 login uucp ssword: it

In the example, the system called MaBell can be called on Mondays or Tuesday. You can probably call any time you want, though. The UNIX system is to dial it through device tty99 (not important to us). The number is dc2638. It will then wait for the string "login" and send uucp (the username), it will then wait for the string "ssword:" and send the password (it).

As you may have noticed, the phone # (dc2638) is non-standard. This is because the system can use abbreviations from the "L-dialcodes" file. A typical file might look like:

tc 6w18005216406w220-5675w dc 311555-

In this case dc2638 is really 311-555-2638. Also, some extenders may be thrown in the file! The "w" means to wait for dialtone.

To list these file you would type: cat /usr/lib/uucp/L.sys cat /usr/lib/uucp/L-dialcodes (cont.)

In most cases, these files are protected but intelligence is not a prerequisite for UNIX administrators! Although, this should be no problem if you logon as (gasp!) the super-user (alias "root").

Unfortunately, the uucp password does not run under the normal UNIX shell. It uses a separate protocol.

If you are successful in obtaining these files you will have expanded your directory of UNIX systems, passwords, and possibly even SCC's & WATS extenders. If you master the uucp protocol you can copy ANY file! Once on other systems, this could work in a vicious cycle (vicious for THEM that is!).

Hacking Western Union Revisited (Part II)

By Tuc

I've had a few questions from the people who have read my first article which I co-wrote with BIOC Agent 003 (TAP #90). They were asking what other things are possible with Easylink (1-800-325-4112). Well, to save time and space, the best command on the system is /HELP. What I am going to explain, however, are two other services that Western Union provides with their Easylink.

The first of these is for what's known as "For Your Information" (FYI). This service is available to present Easylink subscribers for a "nominal" connect charge. FYI is very informative in what it contains. News that goes over the UPI wire is on-line with several other "neat" options. You are able to get up to the minute information on current events in the world. You can also access stocks, ski reports, entertainment news, and much more!

To connect to the service, you must dial 1-800-325-NEWS (1-800-325-6397). The familiar "ID?" prompt will once again appear. The logon format is in the same format as mentioned in part I (Eg : 01 USR999999 TEST.TEST). Once on, type CATALOG to see what reports are available.

Did you ever want to send a telex to a company you were almost sure had either Easylink or a Telex/TUX and didn't have the number? Or, have you had the telex number or answerback, but forgot who the heck it was for? Well, now Western Union makes it easy on you with their version of Directory Assistance. To call, dial 1-800-325-1461 (300 baud only). When it answers, it is the same logon format as its associated services. Type DIRECTORY. Then, type NBR NNNNNNNN if you need a telex number. (Eg: 62099999 (Easylink), 7105812236 (TUX), or 823410 (Telex I)). To find out by the answerback, type :ANS (answerback).

To find the number and information on a company when you know the company name and state, the sequence is: NNN SS CCCCCCCCCC. SS is the two letter state abbreviation and the C's represent the company name.

There are two other commands for the system (besides DIRECTORY). They are FORMAT (a brief & useless help file) and WORLWIDE FACTS (telex country code info, time zones, capitals, etc.).

Well, have fun, and if you find anything interesting, please tell me. Remember, you heard it first from Tuc at TAP.

PASSPORT CUECKSUNS

New passports are being issued throughout the world with a special laminated page that can be read by computers. These computers are linked to crime data banks such as INTERPOL. Of course they're not being but a benefit to us, since they "speed up immigration queues."

When you pass through immigration, this page is inserted in a scanner. The scanner reads the last two lines on the page. In about two seconds, the computer returns all sorts of useful information about you (to speed up immigration queues, I'm sure). In a section of miscellaneous data (which the defendant is not allowed to see), appear any restrictions you have. Usually, the computer returns "NO TRACE". It can return other things, too, followed by the action the immigration officer should take. ACTIONS O, A, AA, and J mean you're of interest to the police (in the UK). ACTION X means you'll be detained for questioning.

This page is coated with a dye that will darken if exposed to oxygen (if the lamination seal is broken). Nitrogen or helium will not affect it although it would be necessary to work in a fairly airtight environment, such as a clear plastic bag for microbe inoculations.

The first line contains a P (meaning the page is machine-readable), issuing country, and name. The second line contains an 8-digit passport number, a check digit right after this, issuing country, date of birth, a check digit right after this, sex (M/F), expiration date, nationality followed by several spaces ('s'), and a check digit in the last column. The check digits are calculated as follows:

- 1. Multiply each digit of a number (such as date of birth) by a number. For the first, fourth, and seventh digits, multiply the digit by 7. For the second, fifth, and eighth digits, multiply by 3. For the third, sixth, and ninth, multiply by 1.
2. Add the products.
3. Divide the sum by 10.
4. The remainder is the check digit.

A check digit is also calculated from passport number, expiration date, and possibly a national identification number. The final check digit is calculated from all other check digits.

More on this can be found in proceedings of the International Civil Aviation Organisation, and in the 5 January 1984 (vol. 101, no. 1391) of New Scientist. Since I'm not about to spend \$42.00 on a new passport unless I have to, I don't know that the American format is the very same as this, but it should be.

--The New England Archivist--



This new passport page and its machine-readable numbers. The West Germans will use the page as an internal ID card. Space has been allowed for an ID number to be added.

Risen from the ashes...

BELL PIE

(To the tune of: "America Pie")

Long, long, time ago, I can still remember, When the local calls were "free." And I knew if I paid my bill, And never wished them any ill, That the phone company would let me be...

But Uncle Sam said he knew better, Split 'em up, for all and ever! We'll foster competition: It's good capitalism!

I can't remember if I cried, When my phone bill first tripled in size, But something touched me deep inside, The day... Bell System... died.

And we were singing... Bye, bye, Ma Bell, why did you die? We get static from Sprint and echo from MCI, "Our local calls have us in hock!" We all cry, Ma Bell why did you have to die?

Is your office step by step, Or have you gotten some Crossbar yet? Everyone used to ask... Oh, is TSPS coming soon? 1000 will be a boon! And, I hope to get a touch-tone fone, real soon... The color phones are really neat, And direct dialing can't be beat, My area code is "low." The prestige way to go!

Oh, they just raised phone booths to a dime! Well, I suppose it's about time. I remember how the payphones chined, The day... Bell System... died. And we were singing...

Bye, bye, Ma Bell, why did you die? We get static from Sprint and echo from MCI, "Our local calls have us in hock!" We all cry, Oh, Ma Bell, why did you have to die? Ma Bell why did you have to die?

Back when we were all at one rate, Phone installers didn't cause debate, About who'd put which wire where... Installers came right out to you, No "phone stores" with ballyhoos, And 411 was free--seemed very fair! But FCC wanted it seems, To let others skin long-distance creams; No matter 'bout the locals, They're mostly all just yokels!

And so one day it came to pass, That the great Bell System did collapse, In rubble now, we all do mass, The day... Bell System... died.

So bye, bye, Ma Bell, why did you die? We get static from Sprint and echo from MCI, "Our local calls have us in hock!" We all cry, Oh Ma Bell why did you have to die? Ma Bell why did you have to die?

I drove on out to Murray Hill, To see on Bell Labs, some time to kill, But the sign there said the labs were gone. I went back to my old GC, Where I'd had my phone lines, years ago, But it was empty, dark, and ever so forlorn...

No relays pulsed, No data crooned, No MF tones did play their tunes, There wasn't a word spoken, All carrier paths were broken...

And so that's how it all occurred, Microwave horns just nests for birds, Everything became so absurd, The day... Bell System... died.

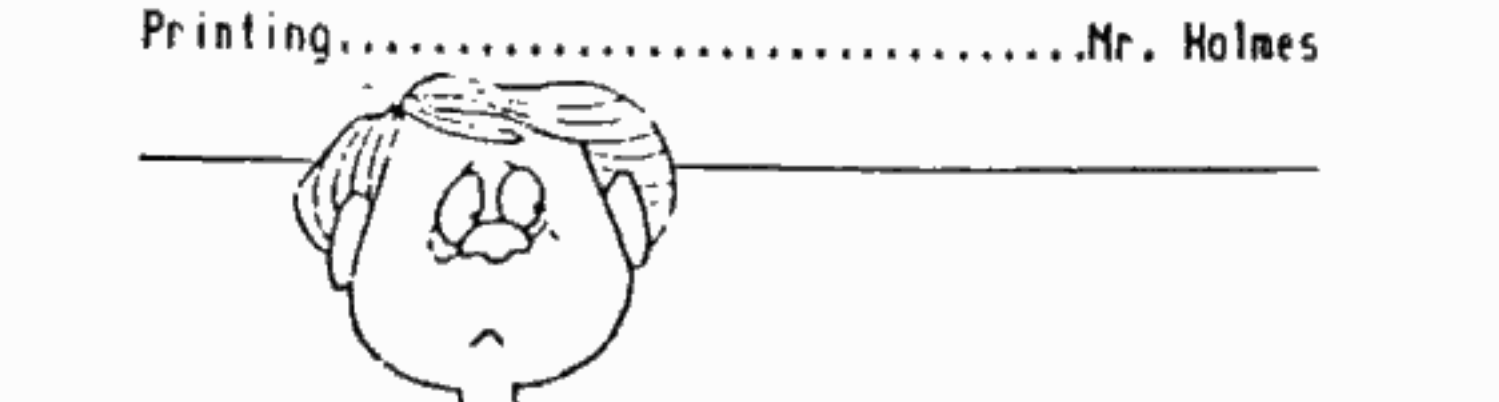
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