

DADOS PARA CONTATO

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Itens necessários

- USS (Unix System Services)
- JAVA (Pacote JDK – mínimo 1.1.6)
- HTTP Server (WEBSERVER)
- TCP/IP
- RACF
- HOD (Host on Demand)
- RESQ!Net (Opcional para telas Gráficas)

USS (Unix System Services)

- Necessário para tudo que for explorar
- Pesquisar/estudar manuais
- Oferece suporte para execução dos comandos Unix e processa as interfaces
- Em termos gerais é basicamente customização da Parmlib
- Criação dos HFS

```

1:Interface 3270 24x80 - A - TCPDT309
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
[Icons: Salvar, Mesmo, Sair, Transferência, Copiar, Colar, PrtScrn, Remapear, Cor, Teclado Numérico, Executar, Gravar, Parar, Pausa, Gerenciador de]

Menu Utilities Compilers Help
-----
BROWSE      SYS1.PARMLIB(IEASYS00) - 01.44          CHARS 'OMVS' found
MSTRJCL=00,          SELECT MSTJCL00, MASTER JCL
OMVS=(&SYSCONE),    SELECT BPXPRM00
OPI=YES,           ALLOW OPERATOR OVERRIDE TO IEASYS00
OPT=00,           SELECT IEAOPT00, SRM TUNING PARAMETERS
PAGE=(PAGE.&SYSNAME..PLPA,
      PAGE.&SYSNAME..COMMON,
      PAGE.&SYSNAME..LOCAL1,
      PAGE.&SYSNAME..LOCAL2,L),
PAGTOTL=(5,2),     ALLOW 5 PAGE DS AND 2 SWAP DS
PAK=00,           SELECT IEAPAK00
PROG=(00,02,03),   SELECT PROG, DYNAMIC APF,EXIT,LNKLST,LPA
PLEXCFG=MULTISYSTEM, XCF-LOCAL MODE USE COUPLE DATA SET
REAL=128,         ALLOWS 2 64K OR 1 128K JOB TO RUN V=R
RSU=0,           NO RECONFIG STORAGE UNITS
RSVNONR=5,       RESERVED ASVT ENTRIES
RSVSTRT=5,       RESERVED ASVT ENTRIES
SCH=00,         SELECT SCHED00
SMF=00,         SELECT SMFPRM00, SMF PARAMETERS
Command ==>
F1=Help   F2=Split  F3=Exit  F5=Rfind  F7=Up    F8=Down  F9=Swap
F10=Left  F11=Right F12=Cancel
MA*      a
05/001

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1:Interface 3270 24x80 - A - TCPDT309
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de l
Menu Utilities Compilers Help
-----
BROWSE      SYS1.PARMLIB(BPXPRMD3) - 01.12                Line 00000000 Col 001 080
***** Top of Data *****
/*****/
/* This member, as specified in IEASYS00, will cause OpenEdition */
/* to come up with all filesystems mounted. */
/*****/
FILESYSTYPE TYPE(HFS) /* Filesystem type HFS */
                ENTRYPOINT(GFUAINIT) /* Entrypoint for defining HFS */
                PARM(' ') /* Null PARM for physical file */
                /* system */
FILESYSTYPE TYPE(TFS) /* Type of file system to start */
                ENTRYPOINT(BPX TFS) /* Entry Point of load module */
                /*
ROOT      FILESYSTEM('SYSDS1.OMVS28.ROOTD3.HFS')
                /* OS/390 root filesystem */
                TYPE(HFS) /* Filesystem type HFS */
                MODE(RDWR) /* Mounted for read/write */
                /*
MOUNT FILESYSTEM('SYSDS1.OMVS28.ETC.HFS')
Command ==>
F1=Help    F2=Split    F3=Exit    F5=Rfind    F7=Up      F8=Down    F9=Swap
F10=Left   F11=Right   F12=Cancel
MA*      a
22/015

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1:Interface 3270 24x80 - A - TCPDT309
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de l
Menu Utilities Compilers Help
-----
BROWSE      SYS1.PARMLIB(BPXPRMD3) - 01.12          Line 00000018 Col 001 080
           /* HFS for /etc directory                */
MOUNTPOINT('/etc')
           TYPE(HFS)                               /* Filesystem type HFS                */
           MODE(RDWR)                              /* Mounted for read/write             */
           /*                                       /*
FILESYSTYPE TYPE(IBMUDS)                          /* Type of file system to start      */
           ENTRYPOINT(BPXTUINT) /* Entry Point of load module        */
           NETWORK DOMAINNAME(AF_UNIX)
           DOMAINNUMBER(1) /*
           MAXSOCKETS(2000) /*
           TYPE(IBMUDS) /* FILESYSTEM TYPE ibmuds
           /*
FILESYSTYPE TYPE(INET)                            /* Type of file system to start      */
           ENTRYPOINT(EZBPFINI) /* Entry Point of load module        */
           NETWORK DOMAINNAME(AF_INET)
           DOMAINNUMBER(2) /*
           MAXSOCKETS(64000) /*
           TYPE(INET) /* FILESYSTEM TYPE INET
Command ==>
F1=Help    F2=Split  F3=Exit  F5=Rfind  F7=Up    F8=Down  F9=Swap
F10=Left   F11=Right F12=Cancel
MA*      a                                     22/015
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1:Interface 3270 24x80 - A - TCPDT309
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de
Menu Utilities Compilers Help
-----
BROWSE      SYS1.PARMLIB(BPXPRMD3) - 01.12      Line 00000036 Col 001 080
/*
STEPLIBLIST('/etc/steplib') /* Type of file system to start */
IPCSEMNSEMS (50) /*
IPCSHMPAGES (2048) /*
MAXFILEPROC (256) /*
MAXTHREADTASKS (5000) /*
MAXTHREADS (10000) /*
MOUNT FILESYSTEM('SYSDS1.OMVS28.WEB.HFS')
/* HFS for /web directory */
MOUNTPOINT('/web')
TYPE(HFS) /* Filesystem type HFS */
MODE(RDWR) /* Mounted for read/write */
MOUNT FILESYSTEM('SYSDS1.OMVS28.SERVER1.HFS')
/* HFS for /server1 directory */
MOUNTPOINT('/web/server1')
TYPE(HFS) /* Filesystem type HFS */
Command ==>
Scroll ==> CSR
F1=Help F2=Split F3=Exit F5=Rfind F7=Up F8=Down F9=Swap
F10=Left F11=Right F12=Cancel
MA* a 22/015

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1:Interface 3270 24x80 - A - TCPDT309
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de l
Menu Utilities Compilers Help
-----
BROWSE      SYS1.PROCLIB(BPXOINIT)                      Line 00000000 Col 001 080
***** Top of Data *****
//*****/                                           00050000
//*                                                    */ 00100000
//*      $MAC(BPXOINIT) COMP(SCPX1) PROD(BPX) :      */ 00150000
//*                                                    */ 00200000
//* INIT PROCESS STARTUP PROCEDURE                  */ 00250000
//*                                                    */ 00300000
//* *01* EXTERNAL CLASSIFICATION:  NONE              */ 00325000
//* *01* END OF EXTERNAL CLASSIFICATION:             */ 00350000
//* *                                                    */ 00375000
//*****/                                           00400000
//BPXOINIT PROC                                     00450000
//BPXOINIT EXEC PGM=BPXPINPR,REGION=0K,TIME=NOLIMIT 00500000
***** Bottom of Data *****

Command ==> | Scroll ==> CSR
F1=Help   F2=Split  F3=Exit   F5=Rfind  F7=Up    F8=Down  F9=Swap
F10=Left  F11=Right F12=Cancel

MA*      a                                           22/015

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1:Interface 3270 24x80 - A - TCPDT309

Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio

Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de

Menu Functions Confirm Utilities Help

BROWSE **SYS1.PROCLIB** **Row 00047 of 00072**

Name	Prompt	Size	Created	Changed	ID
OMVS					
OPCA22		42	2000/04/18	2000/04/19 11:35:38	RACFAD2
OPSECF		44	2000/03/10	2000/05/25 15:48:00	S131389
OPSMAIN		34	2000/03/10	2000/05/25 15:43:00	S131389
OPSOSF		51	2000/03/10	2000/05/25 15:46:00	S131389
OROUTED		15	2000/02/21	2000/07/21 10:13:40	S904900
RACF					
RDR					
RDR3200					
RDR400					
RMF		61	2000/04/11	2000/07/25 11:20:36	S193261
RMFGAT		41	2000/04/11	2000/07/25 11:23:23	S193261
RMTGEN					
SMFCLEAR		15	1999/12/13	2000/03/02 13:39:32	S178733
STRBSSR					
STROBE		25	2000/07/20	2000/07/20 16:48:00	RACFAD2
STROB221		22	2000/07/16	2000/07/16 11:08:00	S171704

Command ==> Scroll ==> PAGE

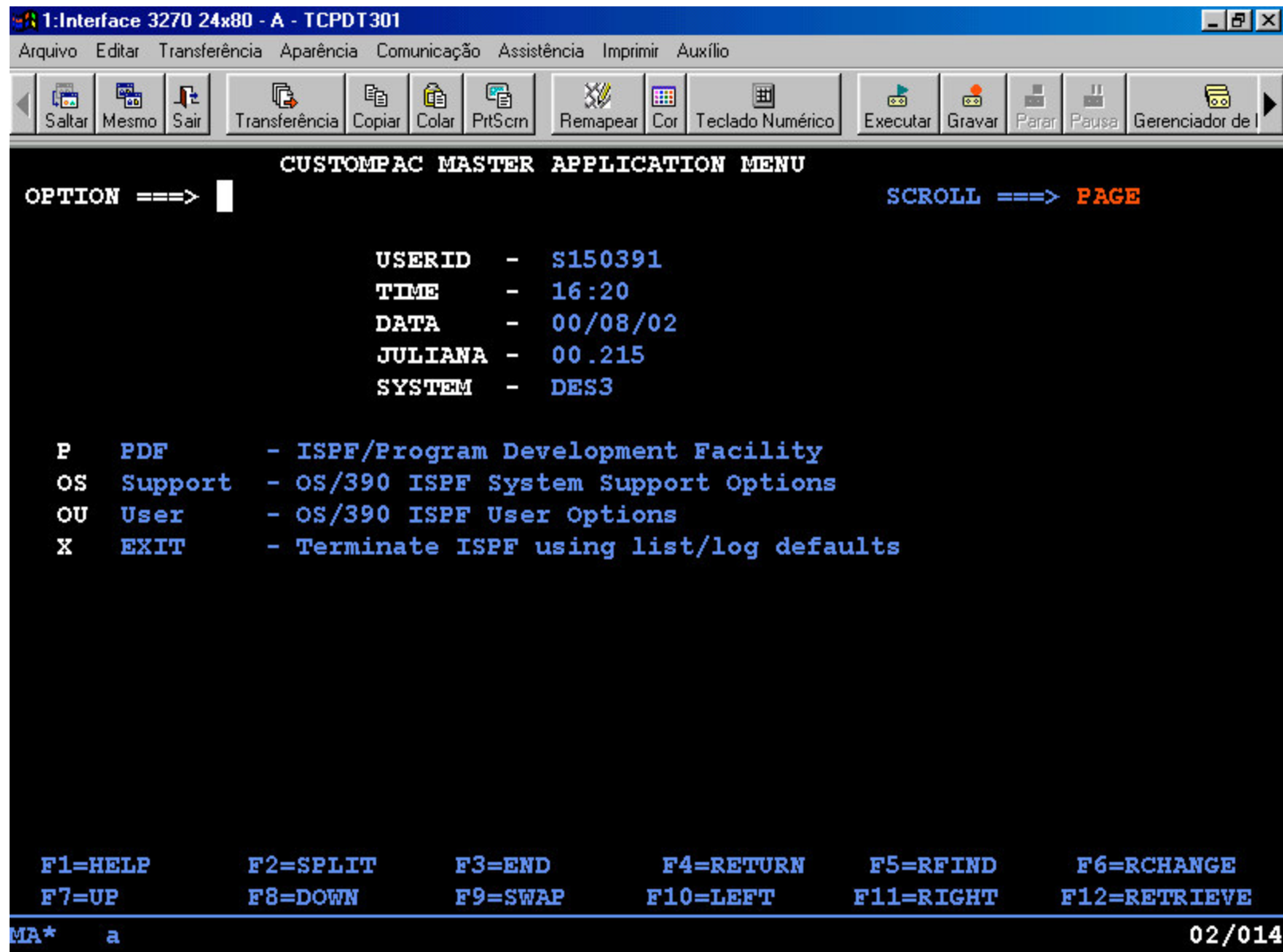
F1=Help F2=Split F3=Exit F5=Rfind F7=Up F8=Down F9=Swap
 F10=Left F11=Right F12=Cancel

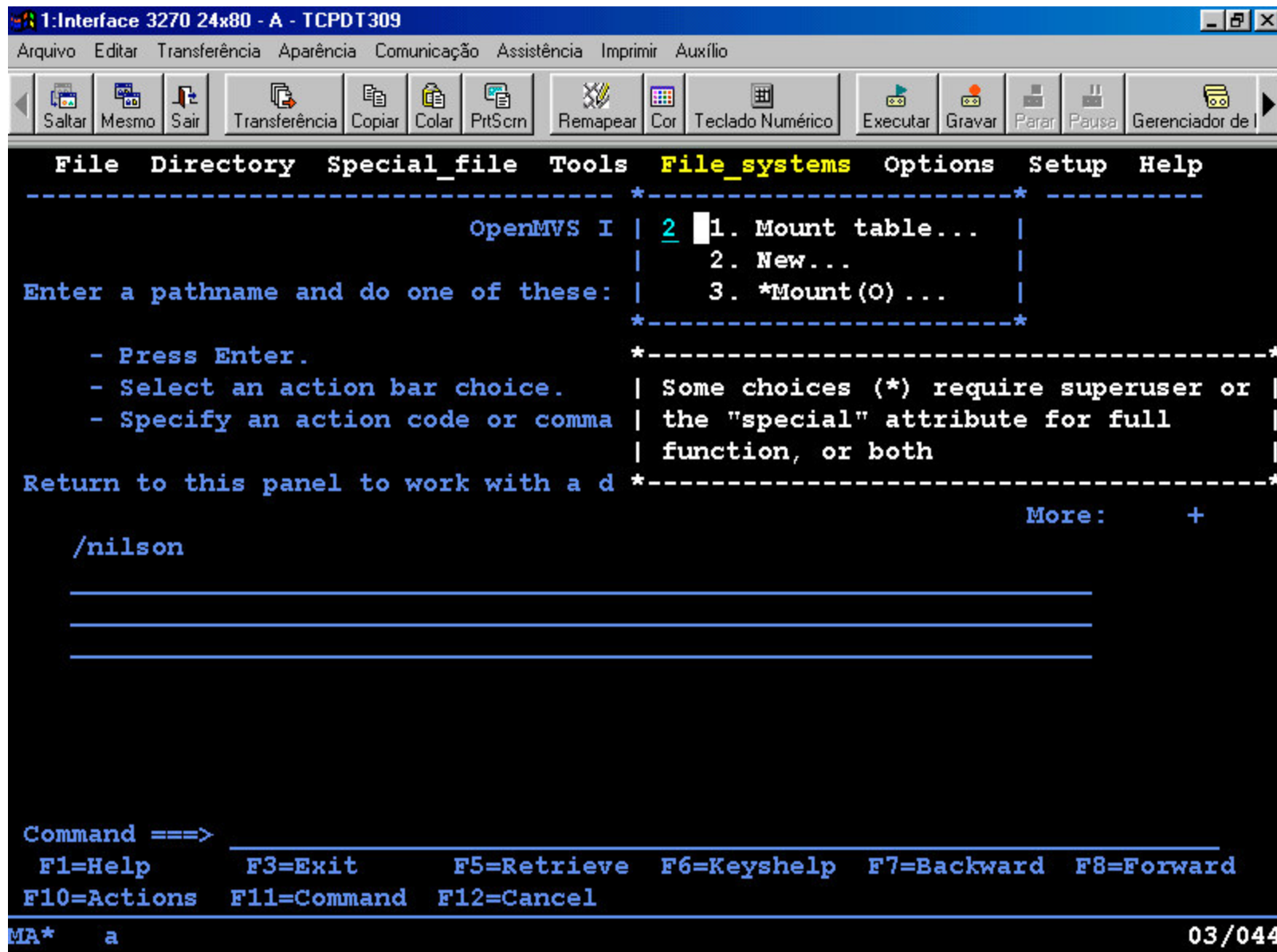
MA* a 22/015

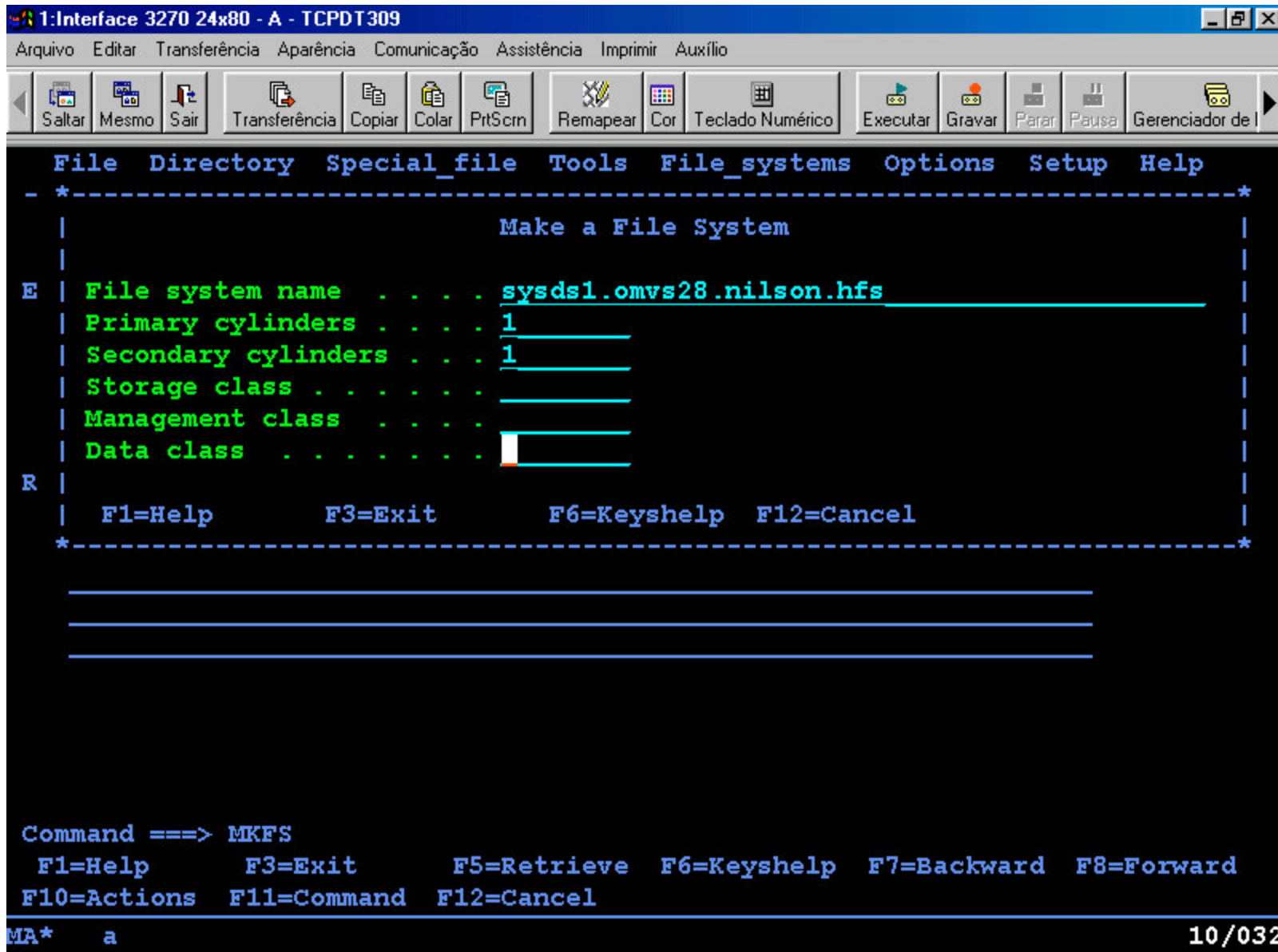
```
1:Interface 3270 24x80 - A - TCPDT309
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio

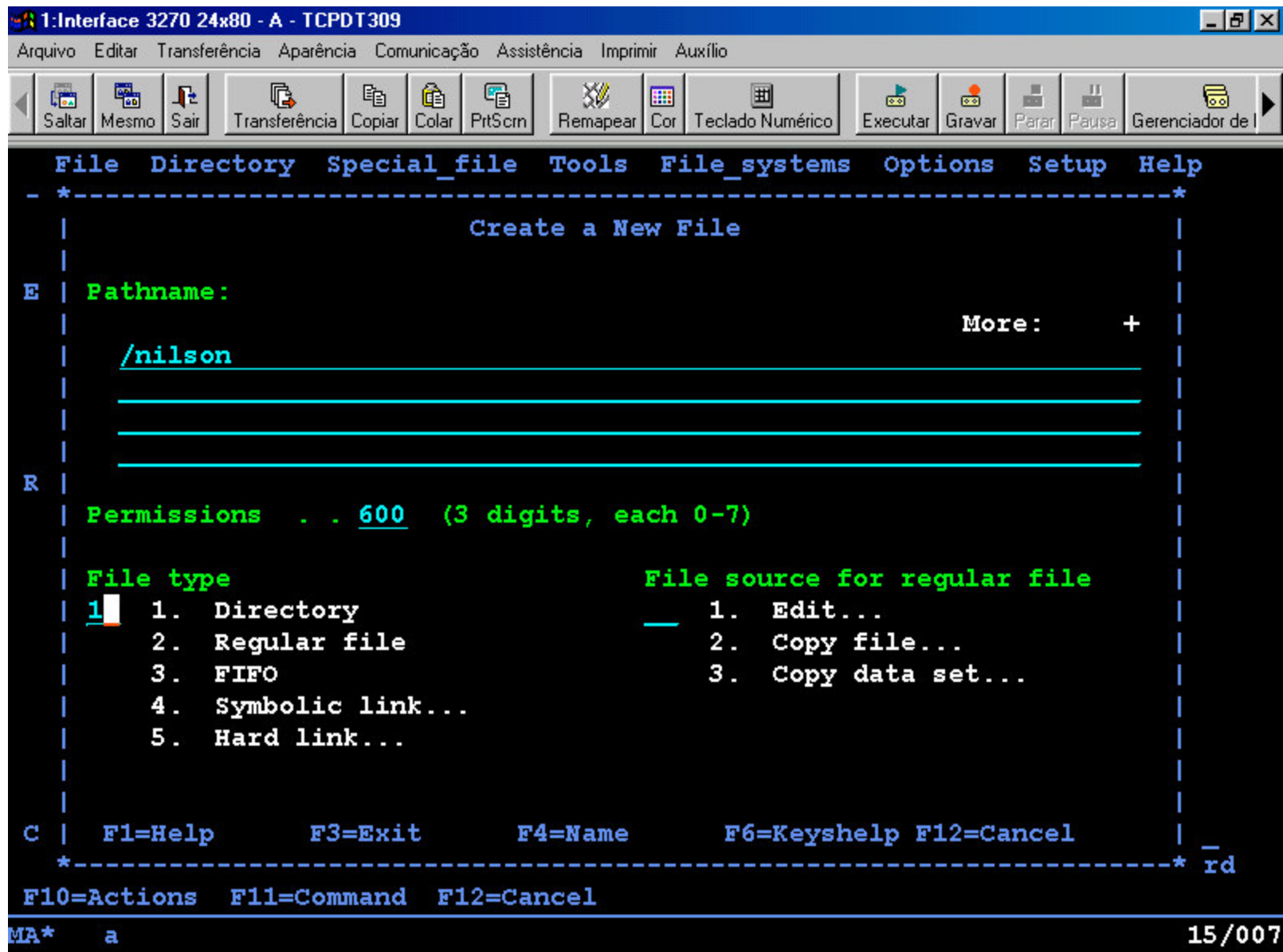
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de l

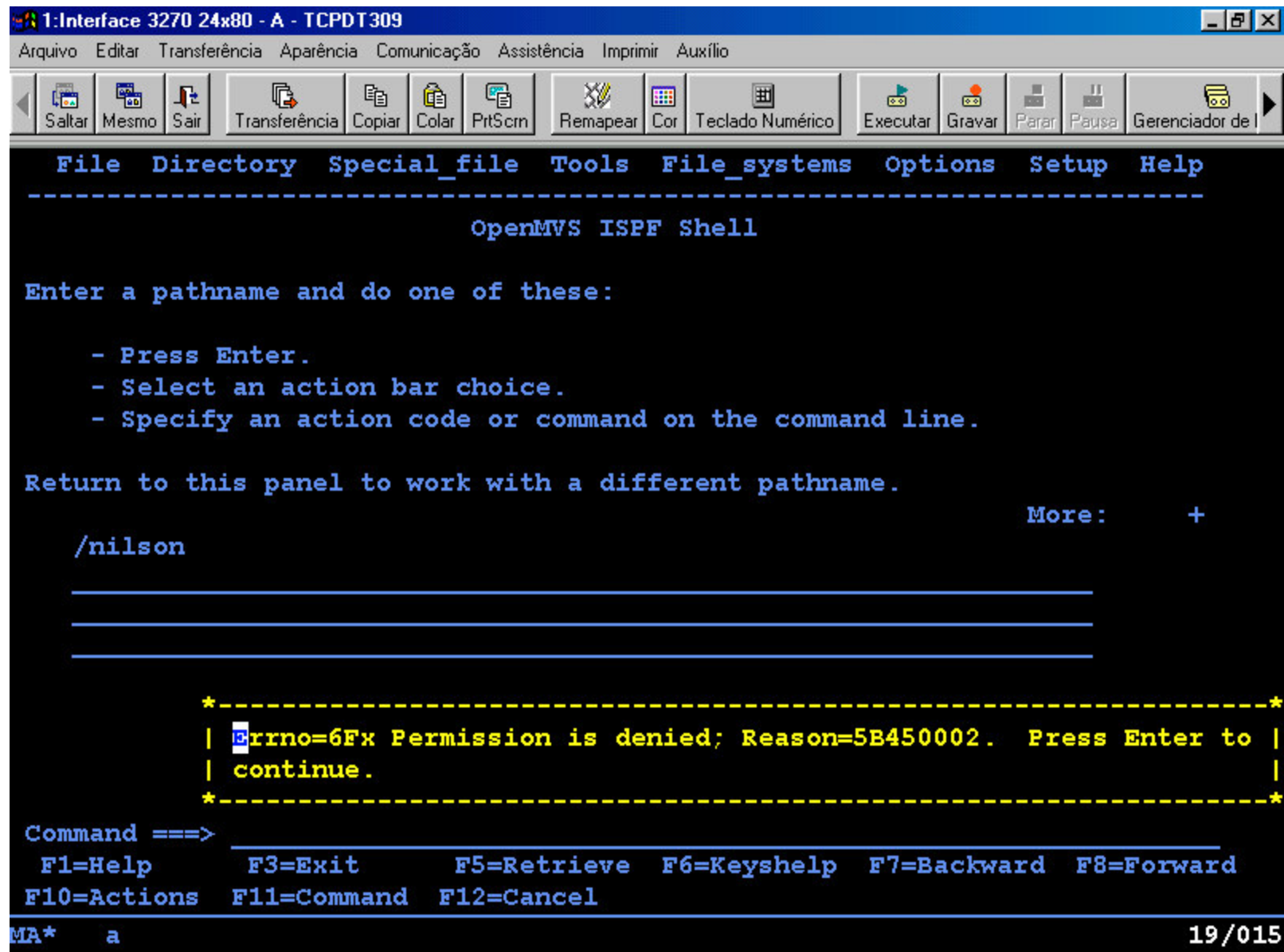
Menu Utilities Compilers Help
-----
BROWSE      SYS1.PROCLIB (OMVS)                               Line 00000002 Col 001 080
/*          */                                               */
/*          $MAC (OMVS) COMP (SCPX1) PROD (BPX) :          */      00150000
/*          */                                               */      00200000
/* OPENMVS STARTUP PROC                                */      00250000
/*          */                                               */      00300000
/* THE OPENMVS KERNEL ADDRESS SPACE IS STARTED AS PART */      00350000
/* OF SYSTEM INITIALIZATION.                          */      00400000
/*          */                                               */      00450000
/* CHANGE-ACTIVITY:                                    */      00500000
/*          */                                               */      00550000
/* $00=OW06506  HOM1130 940912 PDJI: FREE IEFPARM        */      00600000
/* $D0=DRGA112  HOM1150 950918 PDI6: PERMANENT KERNEL    */      00650000
/* $P0=PUX0571  HBB6605 970925 PDI6: REMOVE S OMVS CMT  */      00700000
/* $D1=DWKA335  HBB6608 980810 PDJC: A335.00 LIMITS     */      00750000
/******                                              */      00800000
/*OMVS PROC                                           */      00850000
/*OMVS EXEC      PGM=BPXINIT,REGION=0K,TIME=NOLIMIT     */      00900000
***** Bottom of Data *****
Command ==> _____ Scroll ==> CSR
F1=Help      F2=Split    F3=Exit      F5=Rfind    F7=Up       F8=Down     F9=Swap
F10=Left     F11=Right   F12=Cancel
MA*      a                                             04/002
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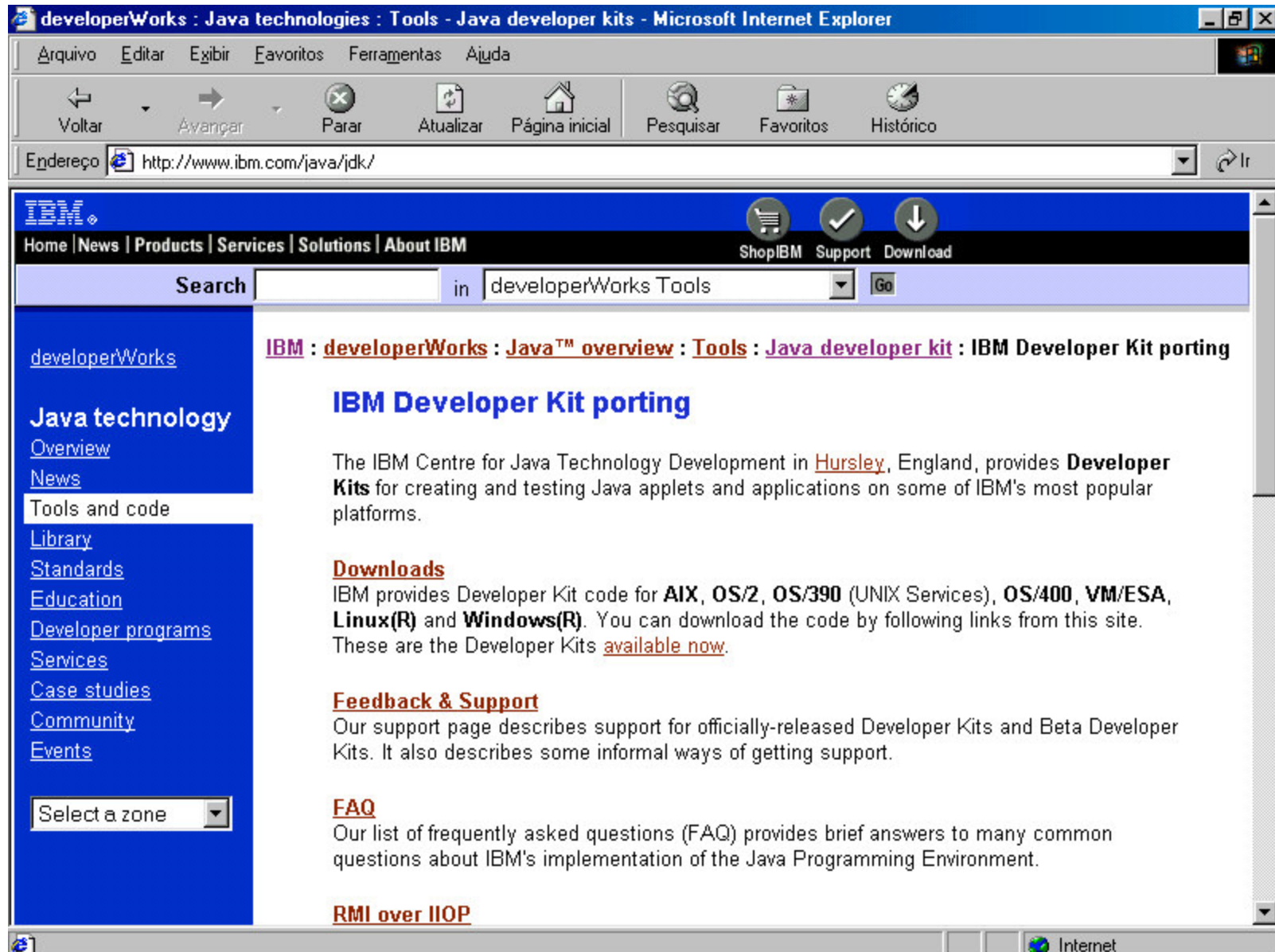
```
1:Interface 3270 24x80 - A - TCPDT309
Arquivo  Editar  Transferência  Aparência  Comunicação  Assistência  Imprimir  Auxílio
Saltar  Mesmo  Sair  Transferência  Copiar  Colar  PrtScrn  Remapear  Cor  Teclado Numérico  Executar  Gravar  Parar  Pausa  Gerenciador de l
Menu  Options  View  Utilities  Compilers  Help
-----
DSLIST - Data Sets Matching SYSDS1.OMVS28.NILSON.HFS          Row 1 of 1
Command - Enter "/" to select action          Message          Volume
-----
SYSDS1.OMVS28.NILSON.HFS          SGP475
***** End of Data Set list *****
Command ==>
F1=Help    F2=Split   F3=Exit    F5=Rfind   F7=Up      F8=Down    F9=Swap
F10=Left   F11=Right  F12=Cancel
MA*      a                                          22/015
```

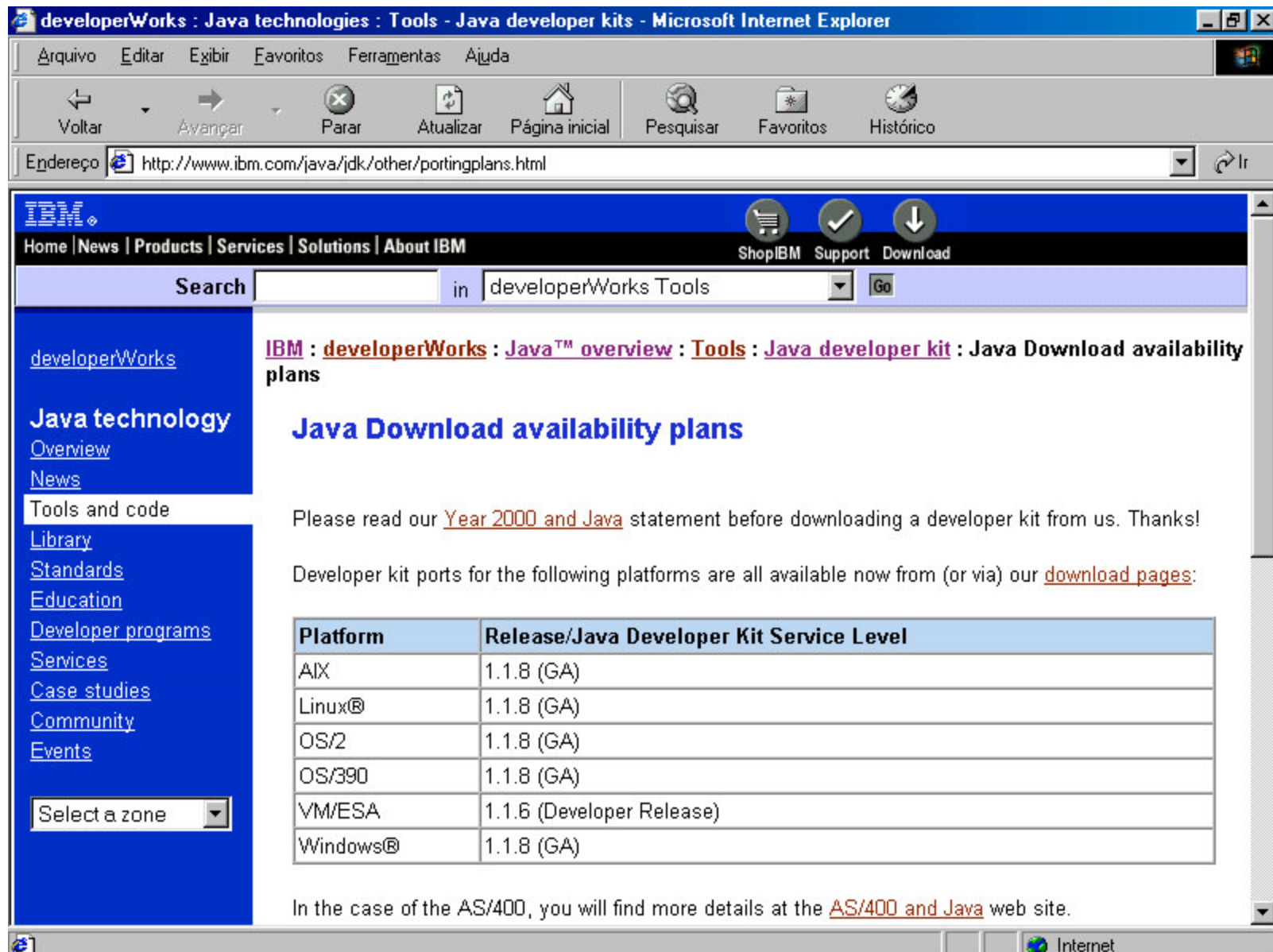


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1:Interface 3270 24x80 - A - TCPDT309
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de l
Data Set Information
More: +
Data Set Name . . . . : SYSDS1.OMVS28.NILSON.HFS
General Data
Management class . . : MCSBKP
Storage class . . . . : SCPP
Volume serial . . . . : SGP475
Device type . . . . . : 3390
Data class . . . . . : **None**
Organization . . . . . : PO
Record format . . . . : U
Record length . . . . : 0
Block size . . . . . : 0
1st extent cylinders: 2
Secondary cylinders : 2
Data set name type : HFS
Current Allocation
Allocated cylinders : 2
Allocated extents . : 1
Current Utilization
Used pages . . . . . : 5
% Utilized . . . . . : 1
Creation date . . . . : 2000/08/03
Expiration date . . . : ***None***
Referenced date . . . : ***None***
Command ==>
F1=Help F2=Split F3=Exit F7=Backward F8=Forward F9=Swap
F12=Cancel
MA* a 22/015
```

JAVA (Pacote JDK)

- Necessário para processar o JAVA
- Oferece suporte para execução das classes padronizadas pela SUN
- Em termos gerais é basicamente receber o pacote (FTP) e instalar no USS
- A instalação é efetuada por um comando SHELL ou TELNET





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Endereço <http://www.ibm.com/java/jdk/other/portingplans.html>

Please bear in mind that we reserve the right (a) *not to show* a particular outlook, and (b) to *change* these outlooks! The information is to try to help you, but it *can* and *does* change.

We continue to work on Developer Kit 1.1 service updates as they become available from Sun's Java Software Division. Platform-specific requirements determine the priority and sequence of the updates we make, and we do not guarantee to provide code ports in-step with every release they put out.

Developer Kit Java 2 Plans

These are our current plans, though they remain subject to change without notice.

Platform	Java level	Preview available	GA version
AIX	1.2.2		Available now
AIX	1.3		Available now
Linux®	1.3		Available now
OS/2	1.3	Available now	Sept 1, 2000
OS/390	1.3	Available now	Beta available now
OS/400	1.2.2		Available now
OS/400	1.3		July 28, 2000
Windows®	1.3		Available now

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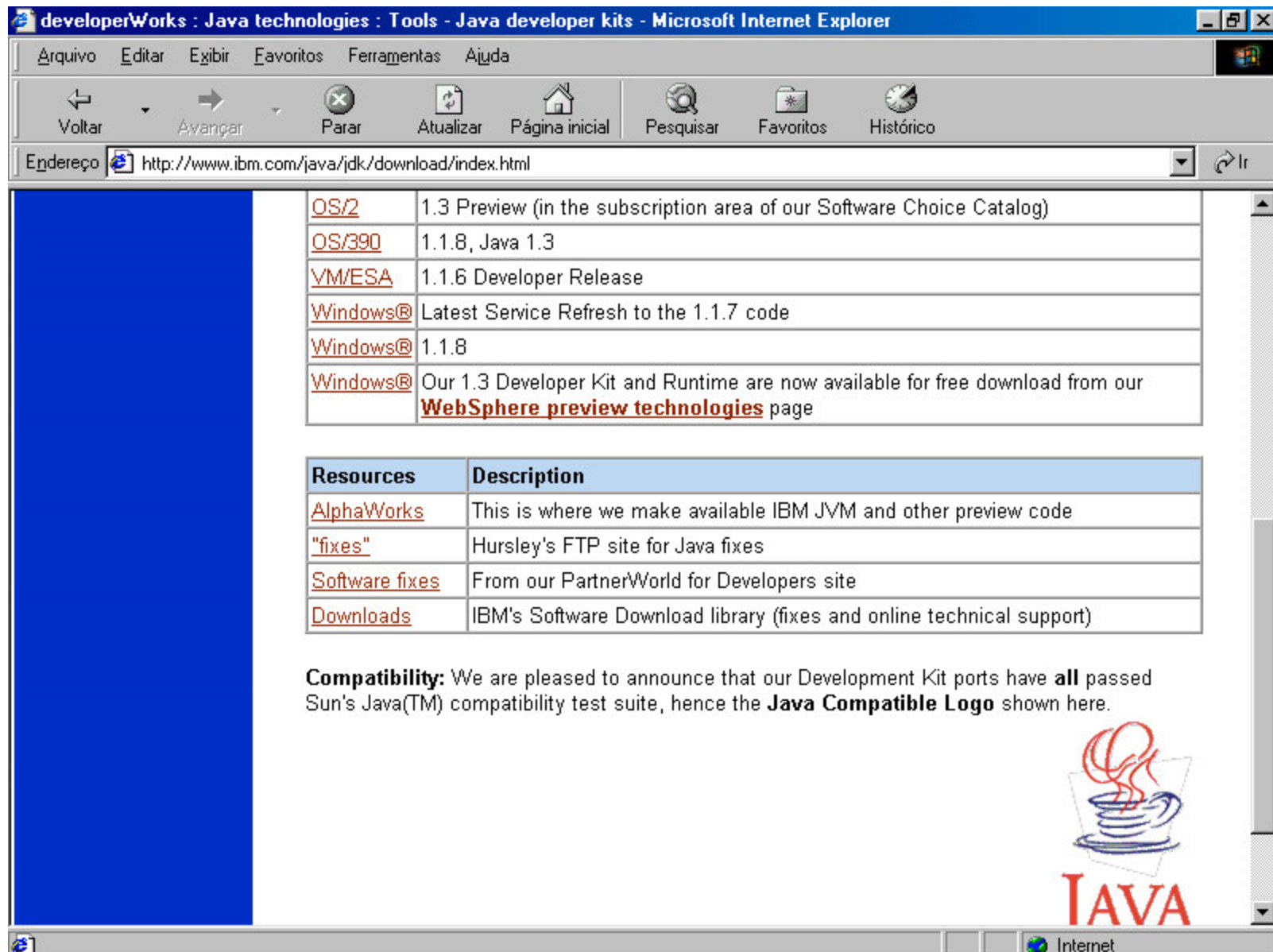
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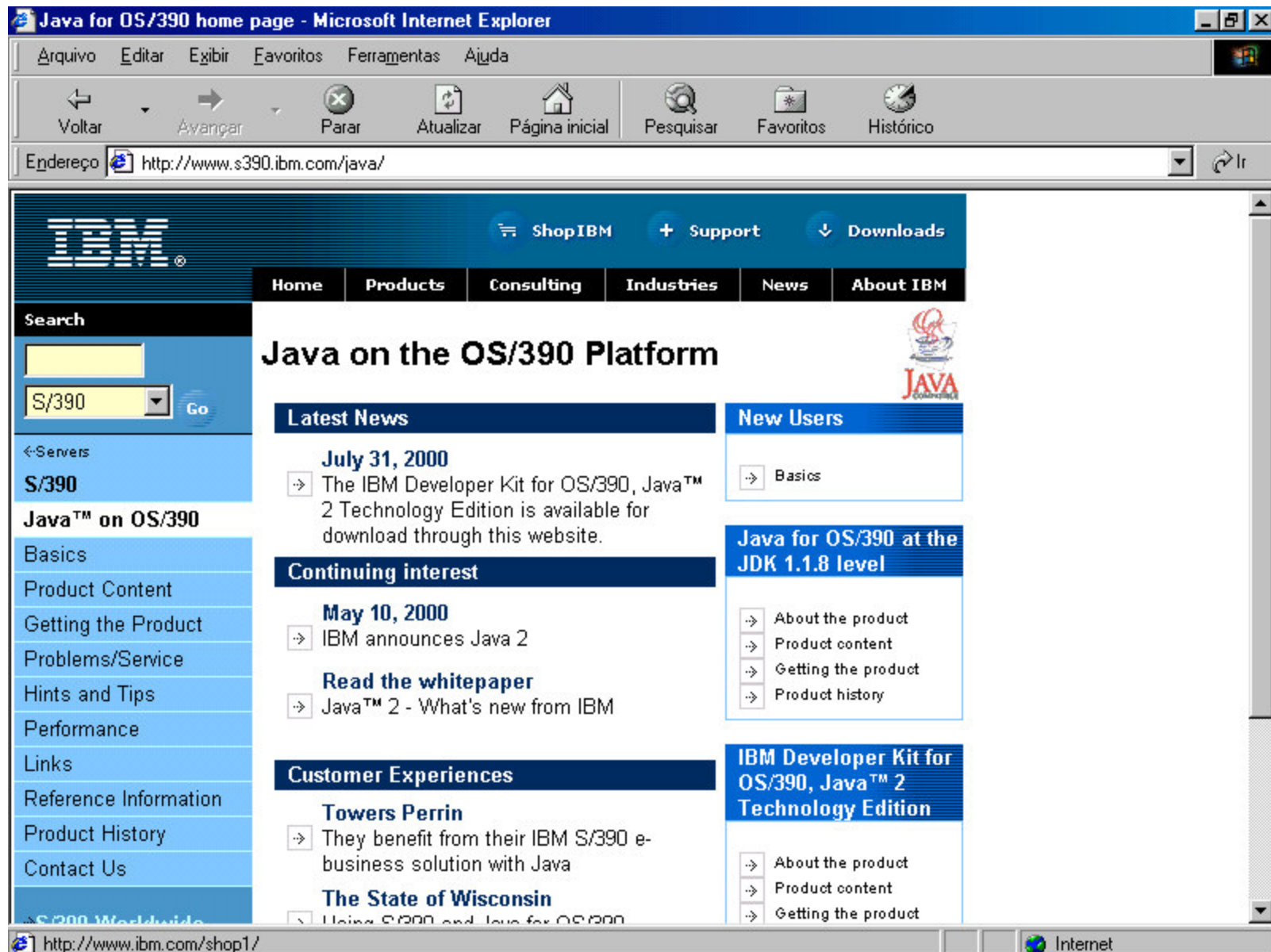
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Platform	Status / Description
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Linux®	1.1.8
Linux®	1.3
AS/400	Details at the web site
OS/2	1.1.8 (Developer Kit and Runtime Environment)
OS/2	1.1.8 (Runtime for redistribution by developer)
OS/2	1.3 Preview (in the subscription area of our Software Choice Catalog)

Internet





Java Download and Install: Interactive Edition - Microsoft Internet Explorer

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Java™ on OS/390

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Java for OS/390 at the JDK 1.1.8 level

Problems/Service

Hints and Tips

Performance

Links

Getting and installing the IBM Developer Kit for OS/390, Java™ 2 Technology Edition

This wizard is intended to guide you through the decision making for getting and installing the IBM Developer Kit for OS/390, Java™ 2 Technology Edition. As you go through this tool, you will be asked questions and guided to further questions based on your answers. You will be given information as you need it based on the answers you supply.

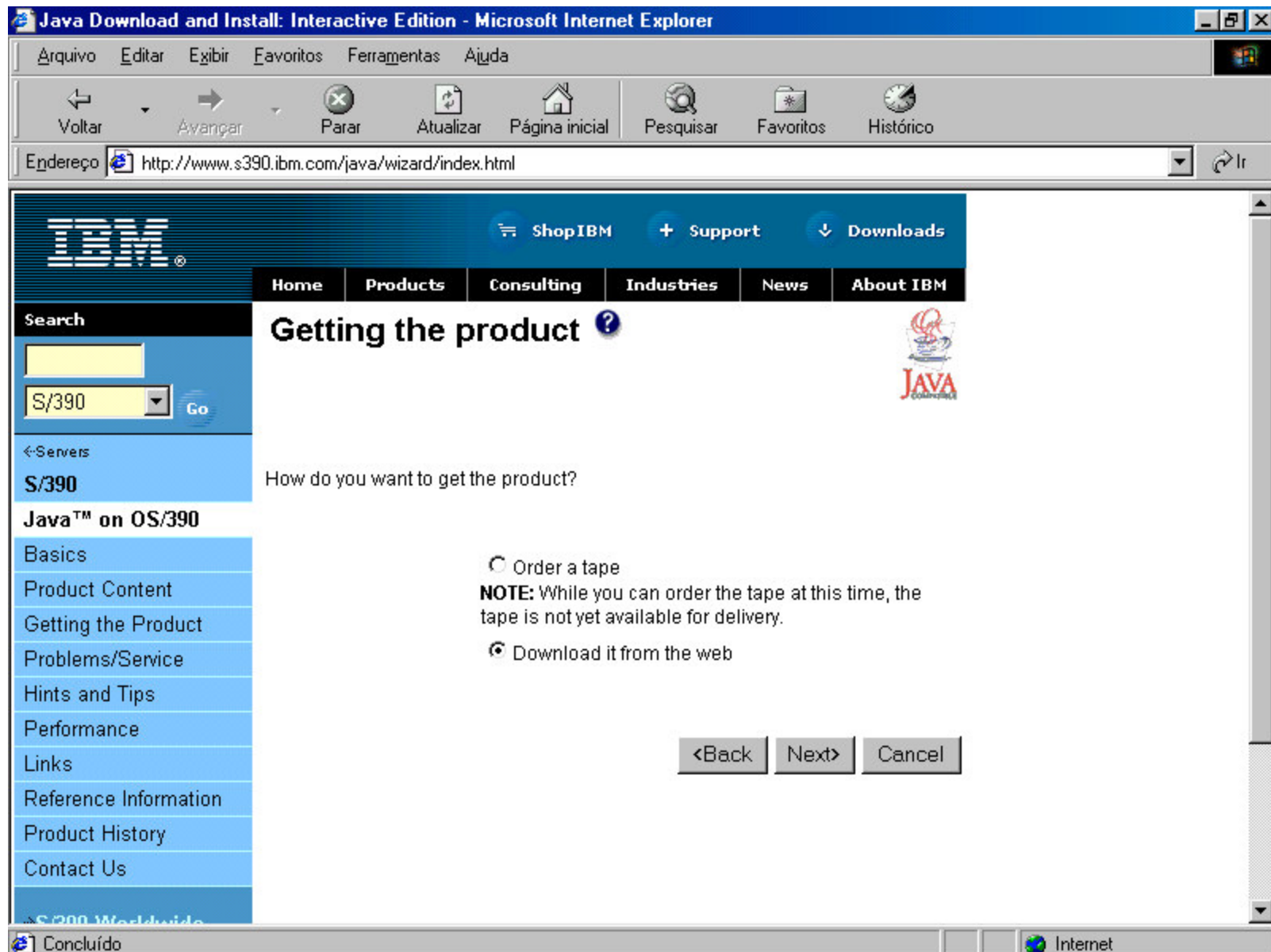
There are a few items of information you should know before using this wizard:

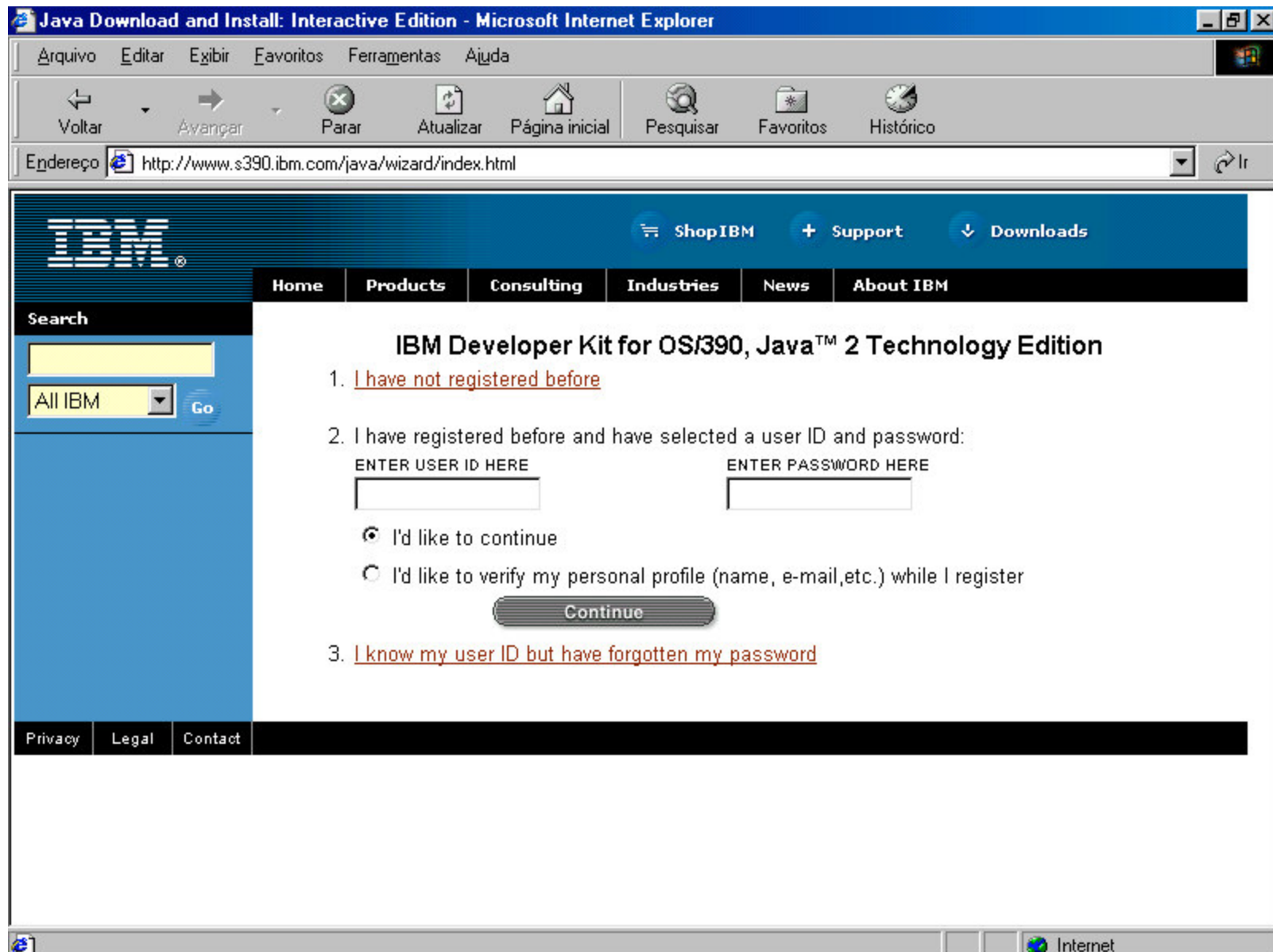
- The IBM Developer Kit for OS/390, Java™ 2 Technology Edition runs on OS/390 Version Release 8 or higher.
- This wizard will not work correctly if you enter it on any page but the first (where you are now), so do not bookmark any page within the wizard.
- On any page, you may click on the to read help or related information.

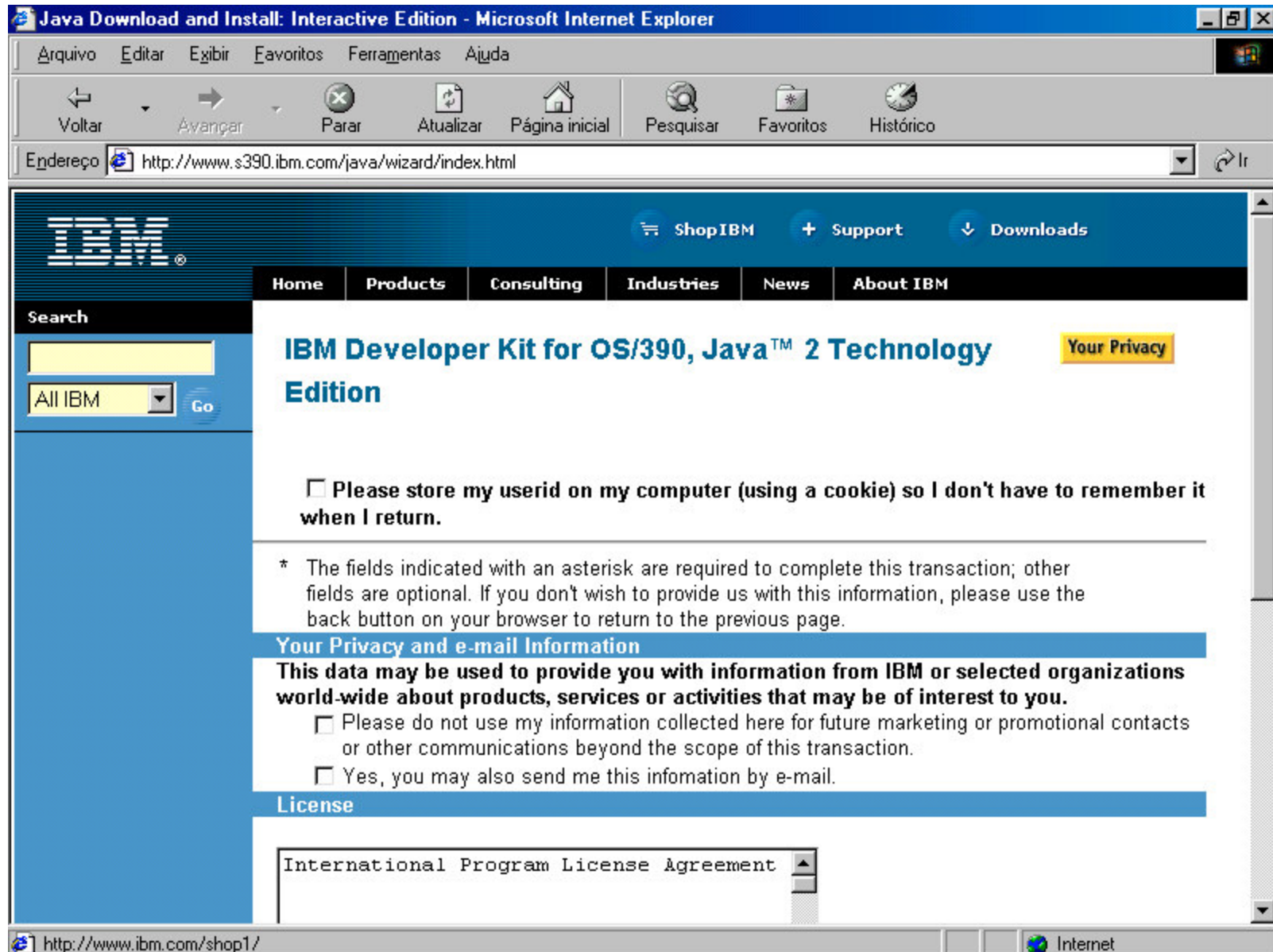
If you have questions or comments about this tool, please [contact us](#).

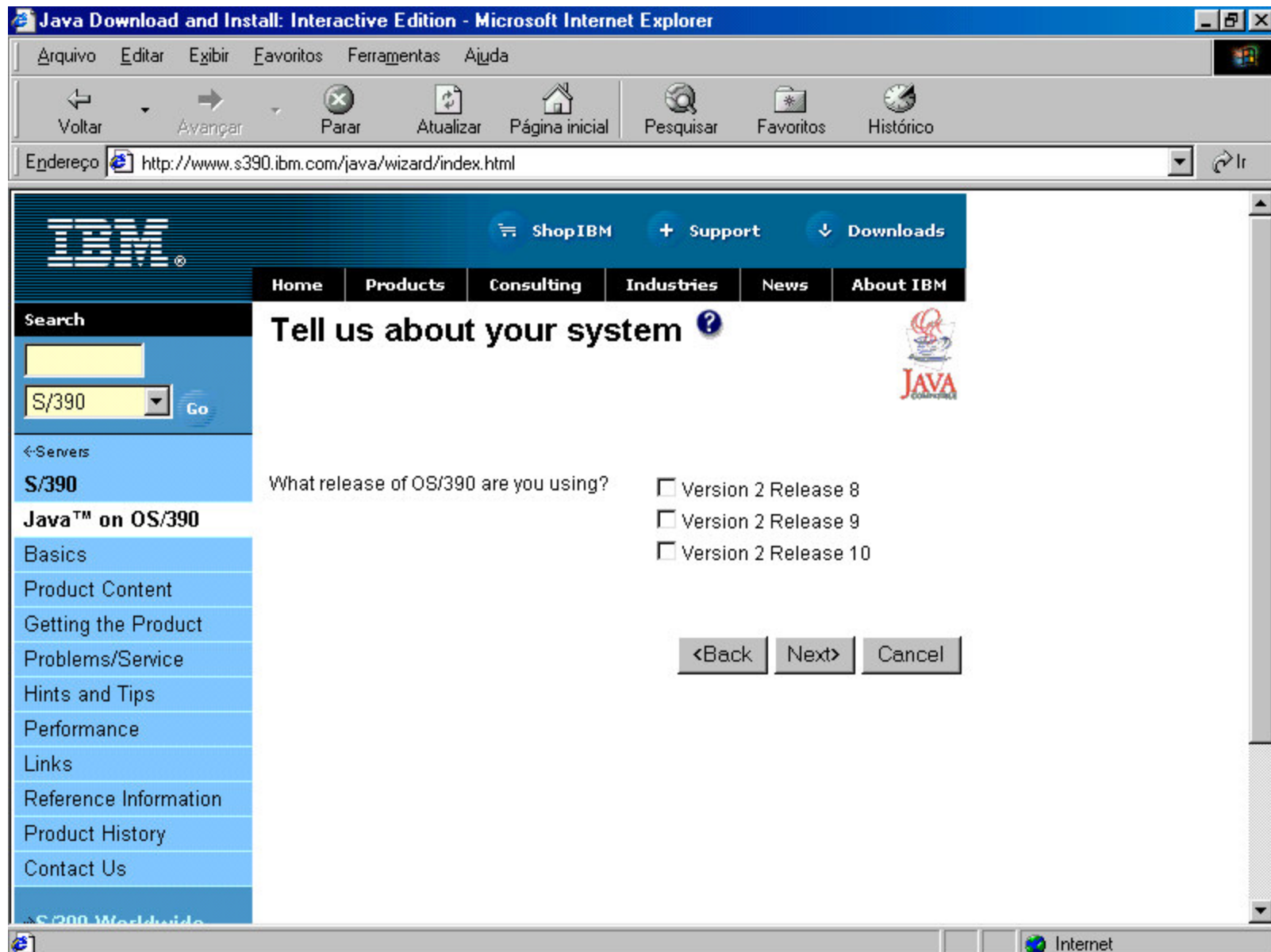
Next>

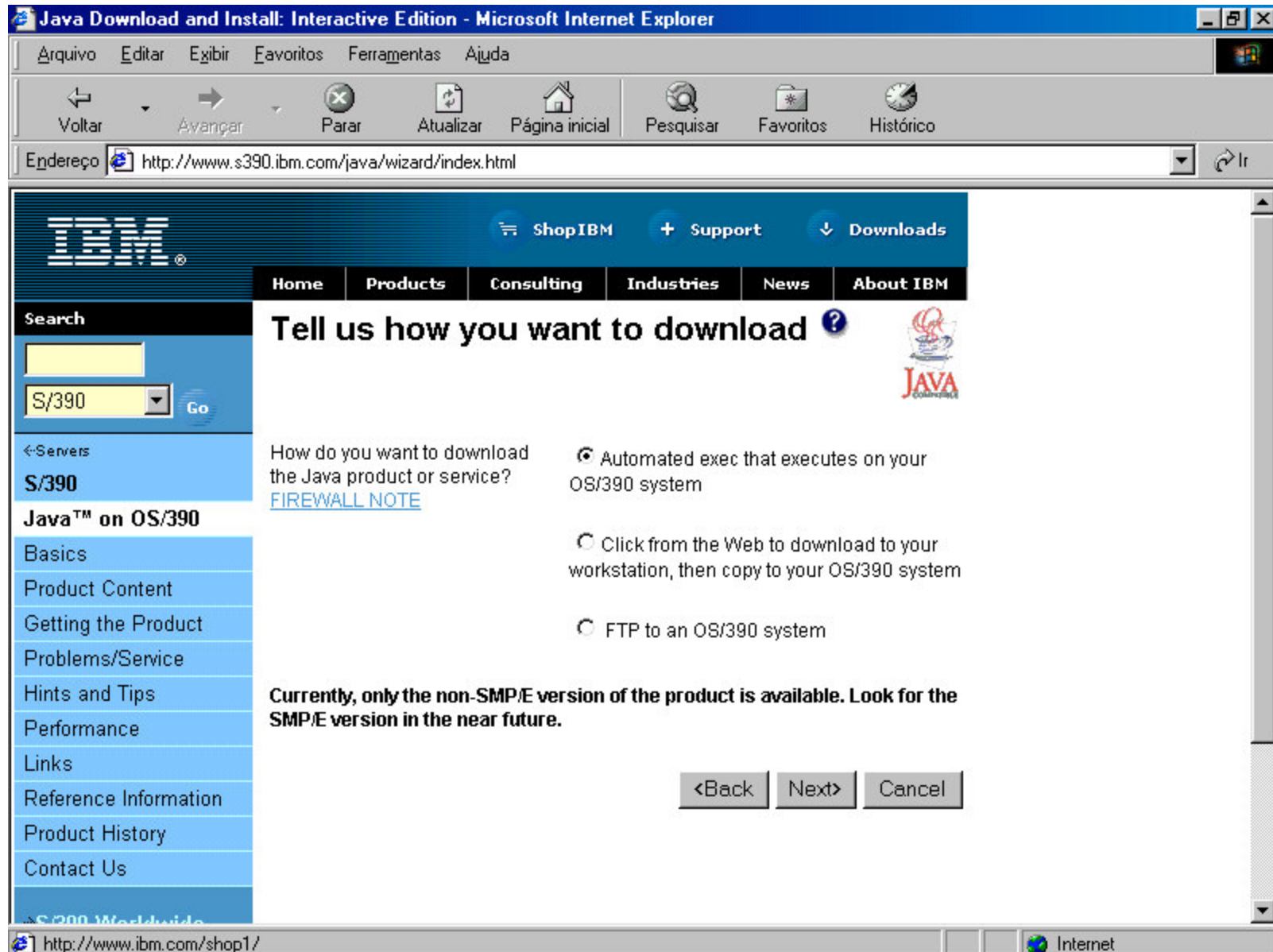
<http://www.ibm.com/shop1/> Internet

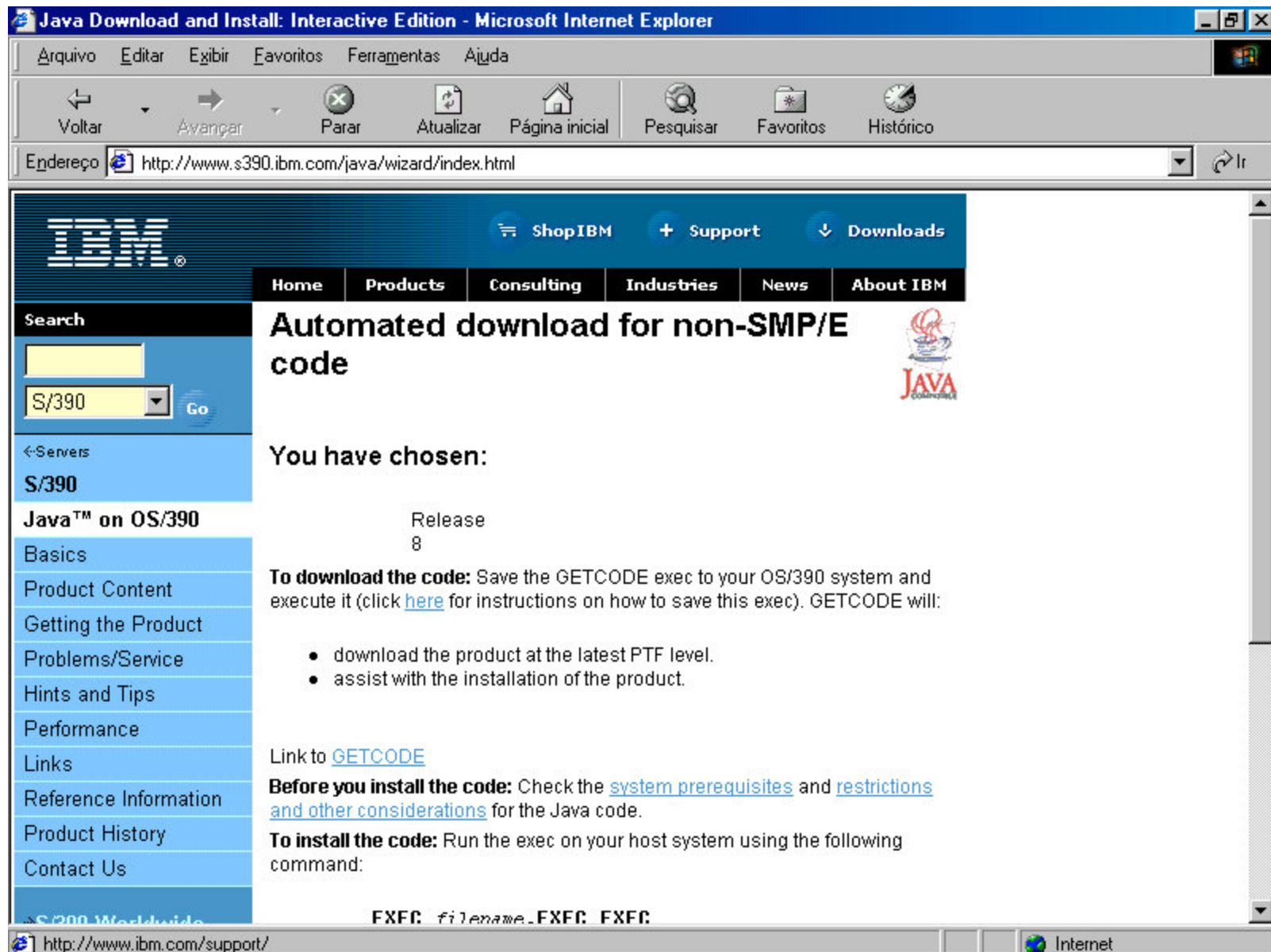


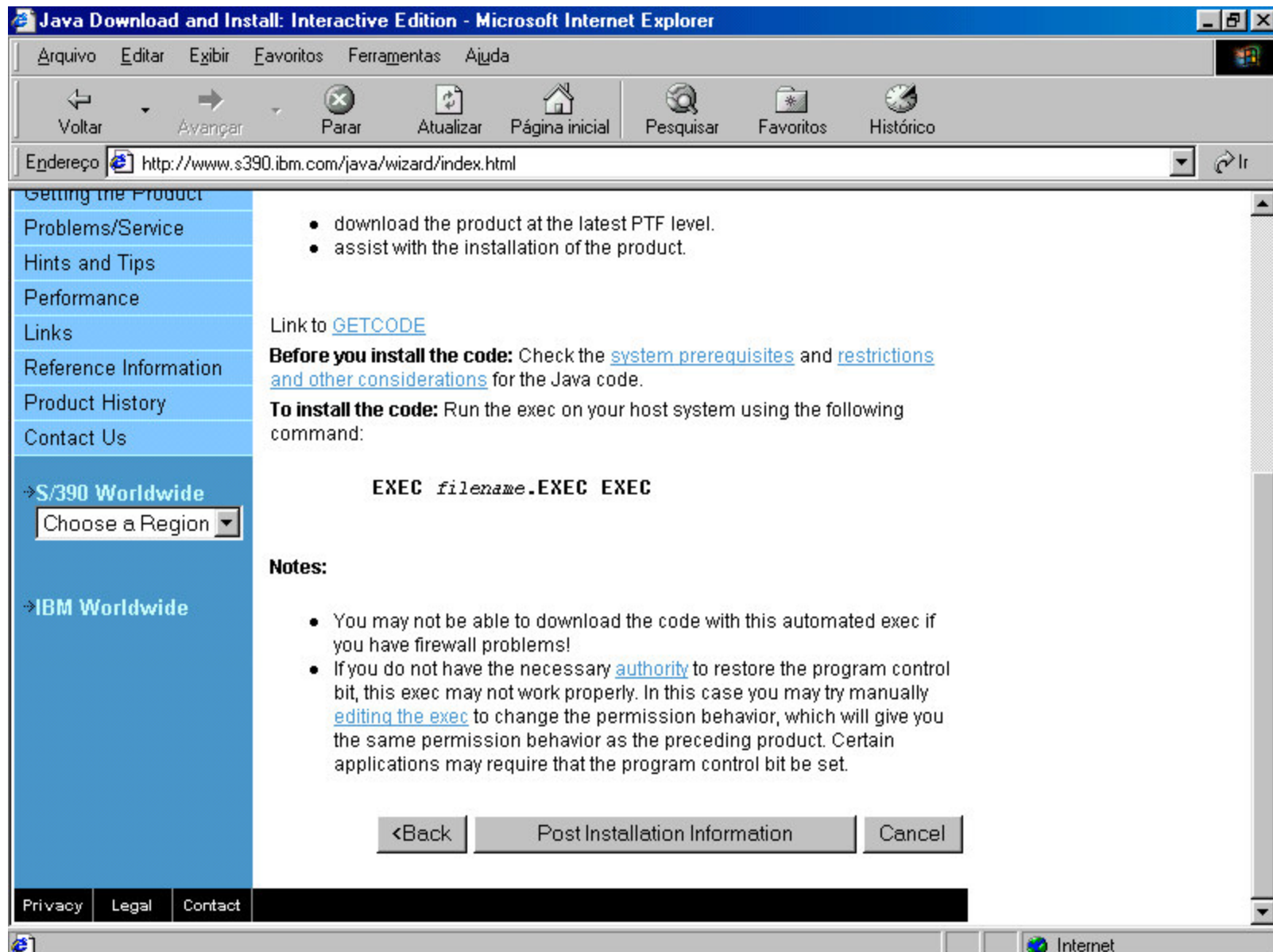













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1:Interface 3270 24x80 - A - TCPDT300
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de
Directory List
/usr/lpp/java/
Select one or more files with / or action codes.

Type  Filename                                     Row 1 of 16
Dir   .
Dir   ..
File  AJVRAWTA
File  AJVRAWTH
File  AJVRAWTR
File  AJVRAWTW
File  AJVSWING
File  AJVS390
File  AJVTRANS
Dir   jmeter
Dir   J1.1
Dir   META-INF
Dir   RAWT-1.1
Dir   Swing-1.1libm
File  Swing-1.1libm.jar
Command ==> tar -rf jsdk1.3.tar
F1=Help      F3=Exit      F4=Name      F5=Retrieve  F6=Keyshelp  F7=Backward
F8=Forward   F11=Command  F12=Cancel
MA*      a                                           22/034
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1:Interface 3270 24x80 - A - TCPDT300
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de
Directory List
/usr/lpp/java/
Select one or more files with / or action codes.

Type  Filename                                     Row 1 of 16
Dir   .
Dir   ..
File  AJVRAWTA
File  AJVRAWTH
File  AJVRAWTR
File  AJVRAWTW
File  AJVSWING
File  AJVS390
File  AJVTRANS
Dir   jmeter
Dir   J1.1
Dir   META-INF
Dir   RAWT-1.1
Dir   Swing-1.1libm
File  Swing-1.1libm.jar
Command ==> sh java -fullversion
F1=Help      F3=Exit      F4=Name      F5=Retrieve  F6=Keyshelp  F7=Backward
F8=Forward   F11=Command  F12=Cancel
```

MA* a

22/035

```
1:Interface 3270 24x80 - A - TCPDT300
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de
BROWSE -- /tmp/s150391.17:37:43.906814.ishell ----- Line 0000000 Col 001 071
Command ==> Scroll ==> PAGE
***** Top of Data *****
Usage: java -options" class
where options include:
    -help                print out this message
    -version             print out the build version
    -fullversion         print out the full version information
    -v -verbose          turn on verbose mode
    -debug               enable remote JAVA debugging
    -noasyncgc           disabled on OS/390
    -verbosegc           print a message when garbage collection occurs
    -noclassgc          disable class garbage collection
    -cs -checksource    check if source is newer when loading classes
    -ss<number>         set the maximum native stack size for any thread
    -oss<number>        set the maximum Java stack size for any thread
    -ms<number>         set the initial Java heap size
    -mx<number>         set the maximum Java heap size
    -D<name>=<value>    set a system property
    -classpath <directories separated by colons>
                        list directories in which to look for classes
F1=HELP      F2=SPLIT    F3=END      F4=RETURN   F5=RFIND    F6=RCHANGE
F7=UP        F8=DOWN     F9=SWAP    F10=LEFT   F11=RIGHT   F12=RETRIEVE
MA*      a                                           02/015
```

```
1:Interface 3270 24x80 - A - TCPDT300
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de
BROWSE -- /tmp/s150391.17:39:12.319764.ishell ----- Line 0000000 Col 001 080
Command ==> Scroll ==> PAGE
***** Top of Data *****
java full version "JDK 1.1.8 IBM build m118-19990911 R06 BFP (JIT enabled: jitc
***** Bottom of Data *****

F1=HELP      F2=SPLIT    F3=END      F4=RETURN   F5=RFIND    F6=RCHANGE
F7=UP        F8=DOWN     F9=SWAP     F10=LEFT   F11=RIGHT   F12=RETRIEVE

MA*      a                                          02/015
```

```
1:Interface 3270 24x80 - A - TCPDT300
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de l
BROWSE -- /.profile ----- Line 0000000 Col 001 072
Command ==> Scroll ==> PAGE
***** Top of Data *****
# This is a sample .profile defining login environment parameters for
# an individual user. This should be copied to the user's $HOME/.profile
# and modified to their individual taste. More information may be
# found in the MVS/ESA OpenEdition User's Guide, in the chapter on
# customizing the shell.
#
# You may add or remove a # to disable or enable the settings below.
#
# The following variable may be set to point to a login script.
# In this case it is set to a file called .setup in the home
# directory. Refer to the User's Guide for more information on how to
# use this variable.
#
# ENV=$HOME/.setup
# export ENV
#
# This line appends your home directory to the current path.
PATH=$PATH:$HOME:/usr/lpp/java/J1.1/bin/:/usr/lpp/HOD/ondemand/lib
CLASSPATH=$CLASSPATH:/usr/lpp/java/J1.1/lib/classes.zip
F1=HELP      F2=SPLIT    F3=END      F4=RETURN   F5=RFIND    F6=RCHANGE
F7=UP        F8=DOWN    F9=SWAP    F10=LEFT    F11=RIGHT   F12=RETRIEVE
MA*      a                                         02/015
```

```
1:Interface 3270 24x80 - A - TCPDT300
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de l
BROWSE -- /.profile ----- Line 0000016 Col 001 072
Command ==> Scroll ==> CSR
# This line appends your home directory to the current path.
PATH=$PATH:$HOME:/usr/lpp/java/J1.1/bin/:/usr/lpp/HOD/ondemand/lib
CLASSPATH=$CLASSPATH:/usr/lpp/java/J1.1/lib/classes.zip
# This line sets the default editor to ed.
EDITOR=ed
# This line sets the prompt to display your login name, and current
# directory.
PS1='$LOGNAME': '$PWD': ' >'
# This line exports the variable settings so that they are known to the
# system.
export PATH EDITOR PS1
***** Bottom of Data *****
F1=HELP      F2=SPLIT    F3=END      F4=RETURN   F5=RFIND    F6=RCHANGE
F7=UP        F8=DOWN     F9=SWAP     F10=LEFT    F11=RIGHT   F12=RETRIEVE
MA*      a                                           03/001
```

1:Interface 3270 24x80 - A - TCPDT300

Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio

Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de

Directory List

/

Select one or more files with / or action codes.

Type	Filename	Row 1 of 30
Dir	.	
Dir	..	
Dir	...	
File	.profile	
File	.sh_history	
Dir	aplicativos	
Dir	bin	
Dir	consist	
Dir	daisg	
Dir	deomp	
Dir	depro	
Dir	desis	
Dir	dev	
Dir	Download	
Dir	etc	

Command ==>

F1=Help F3=Exit F4=Name F5=Retrieve F6=Keyshelp F7=Backward
 F8=Forward F11=Command F12=Cancel

MA* a 10/002

HTTP Server (WEB Server)

- Necessário para “conversar” com o Browser
- Oferece suporte para execução das Applets/Servlets que serão executadas no “client”
- A instalação do WEB é complexa e é realizada na geração do OS/390
- Para a execução do HOD, em termos gerais, é necessário especificar o “pass” nos arquivos do WebServer


```
1:Interface 3270 24x80 - A - TCPDT301
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de
Directory List

/web/server1/
Select one or more files with / or action codes.

Type  Filename                                     Row 1 of 22
Dir   .
Dir   ..
Dir   Counters
Dir   Docs
b File  httpd.conf
█ File  httpd.conf.bak
File  httpd.envvars
File  httpd.envvars.old
File  httpd-pid
File  ics_pics.conf
File  IMWSendMail.cfg
File  javelin.conf
File  lgw_fcgi.conf
Dir   logs
File  mvds.conf
Command ==>
F1=Help      F3=Exit      F4=Name      F5=Retrieve  F6=Keyshelp  F7=Backward
F8=Forward   F11=Command  F12=Cancel

MA*      a                                     12/002
```

```

1:Interface 3270 24x80 - A - TCPD301
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de
BROWSE -- /web/server1/httpd.conf ----- Line 00001907 Col 001 080
Command ==> Scroll ==> PAGE
Pass      /reports/*           /web/server1/reports/*
Pass      /img-bin/*           /usr/lpp/internet/server_root/img-bin/*
# Pass    /CAServlet/*        /usr/lpp/internet/server_root/CAServlet/C/
# Pass    /ServletExpress/resources/* /usr/lpp/internet/server_ro
# Pass    /ServletExpress/*   /usr/lpp/WebSphere/AppServer
# *** ADD NEW PASS RULES HERE ***
Pass      /hod/*              /usr/lpp/HOD/ondemand/HOD/*
Pass      /Server/*           /usr/lpp/internet/server_root/pub/*
Pass      /Books/*            /etc/booksrv/*
Pass      /bookmgr/*          /usr/lpp/booksrv/public/bookmgr/*
Pass      /consist/*          /consist/*
Pass      /Counters/*         /web/server1/Counters/*
Pass      /IBMWebAS/samples/* /usr/lpp/WebSphere/AppServer/samples/*
Pass      /IBMWebAS/Docs/*    /usr/lpp/WebSphere/AppServer/system/ad
Pass      /IBMWebAS/doc/*   /usr/lpp/WebSphere/AppServer/doc/*
Pass      /IBMWebAS/system/admin/* /usr/lpp/WebSphere/AppServer/system/ad
Pass      /IBMWebAS/*       /usr/lpp/WebSphere/AppServer/web/*
Pass      /S903920/*       /depro/dipro4/s903920/*
Pass      /sepro44/*      /depro/dipro4/share/sepro44/*
Pass      /tecnovita/*     /tecnovita/*
F1=HELP    F2=SPLIT    F3=END      F4=RETURN   F5=RFIND    F6=RCHANGE
F7=UP      F8=DOWN    F9=SWAP     F10=LEFT    F11=RIGHT   F12=RETRIEVE
MA*      a                                           02/015

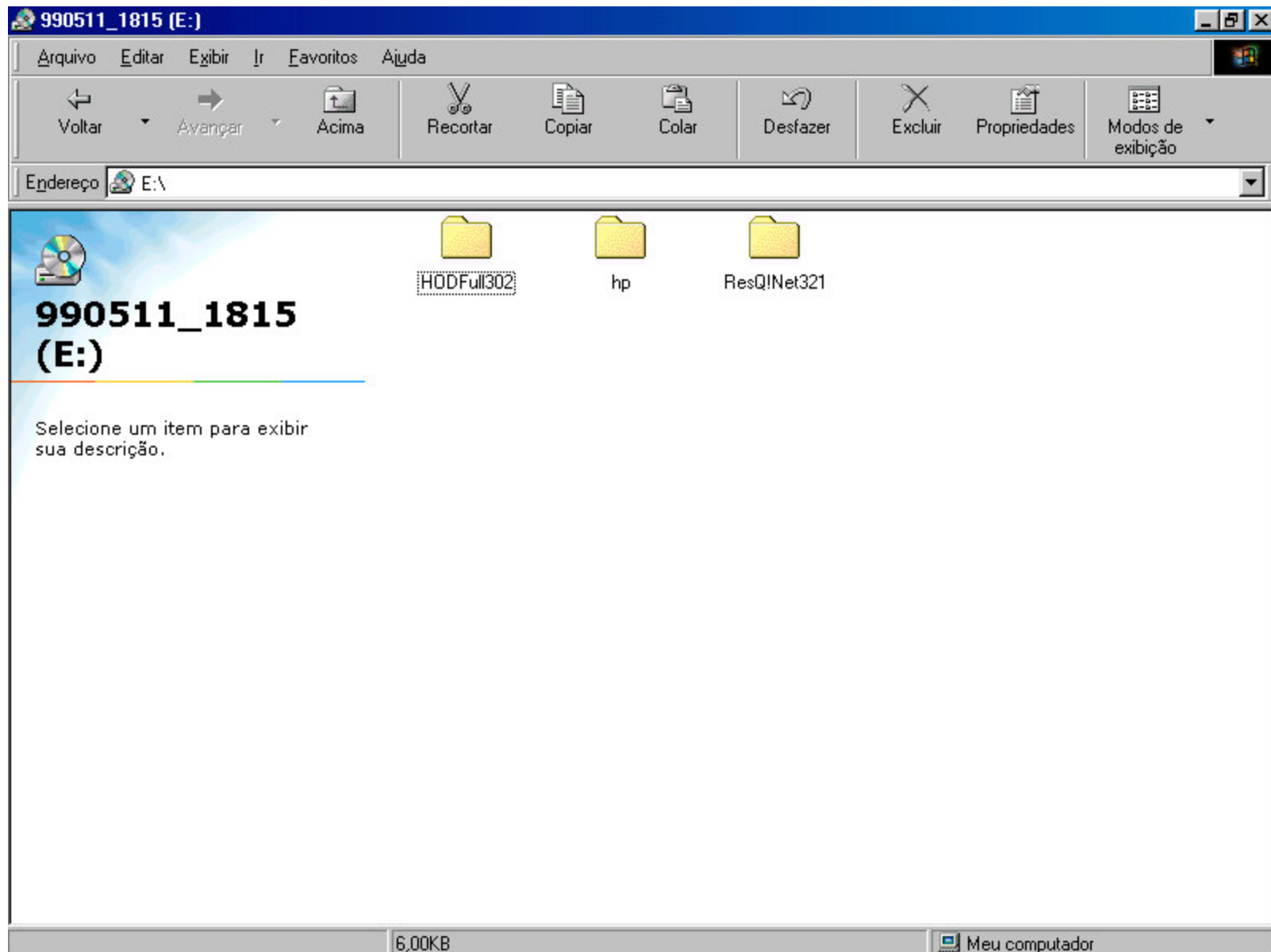
```

TCP/IP e RACF

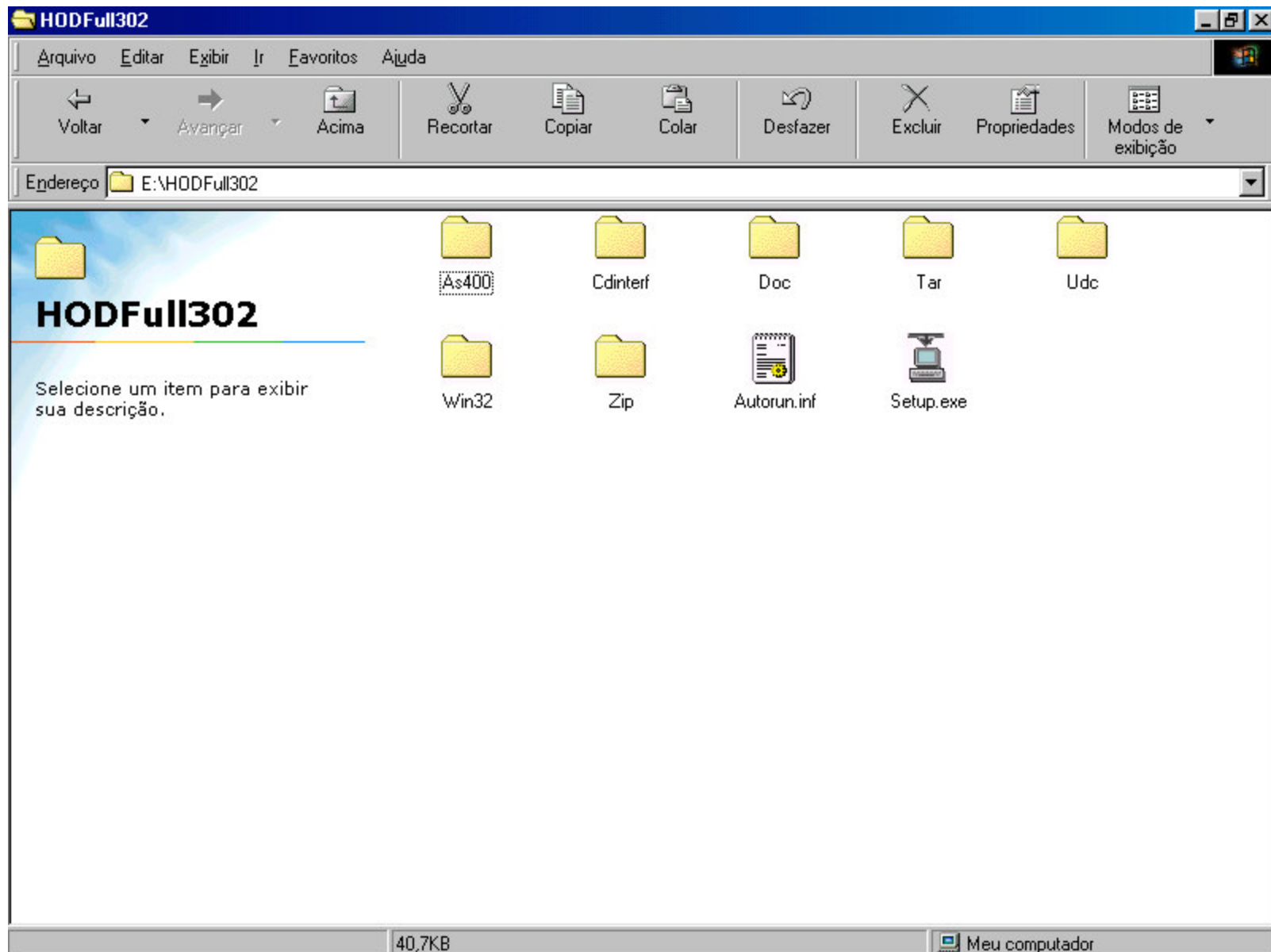
- O TCP/IP é necessário para “ligar” o Mainframe à Rede (Micros e outras plataformas)
- O RACF é necessário para implementar segurança mínima exigida no ambiente mainframe
- Necessários para a implementação de tudo o que for ser explorado para o “Open”
- É necessário um conjunto de customizações que estão especificados nos manuais a serem indicados posteriormente

HOD (Host on Demand)

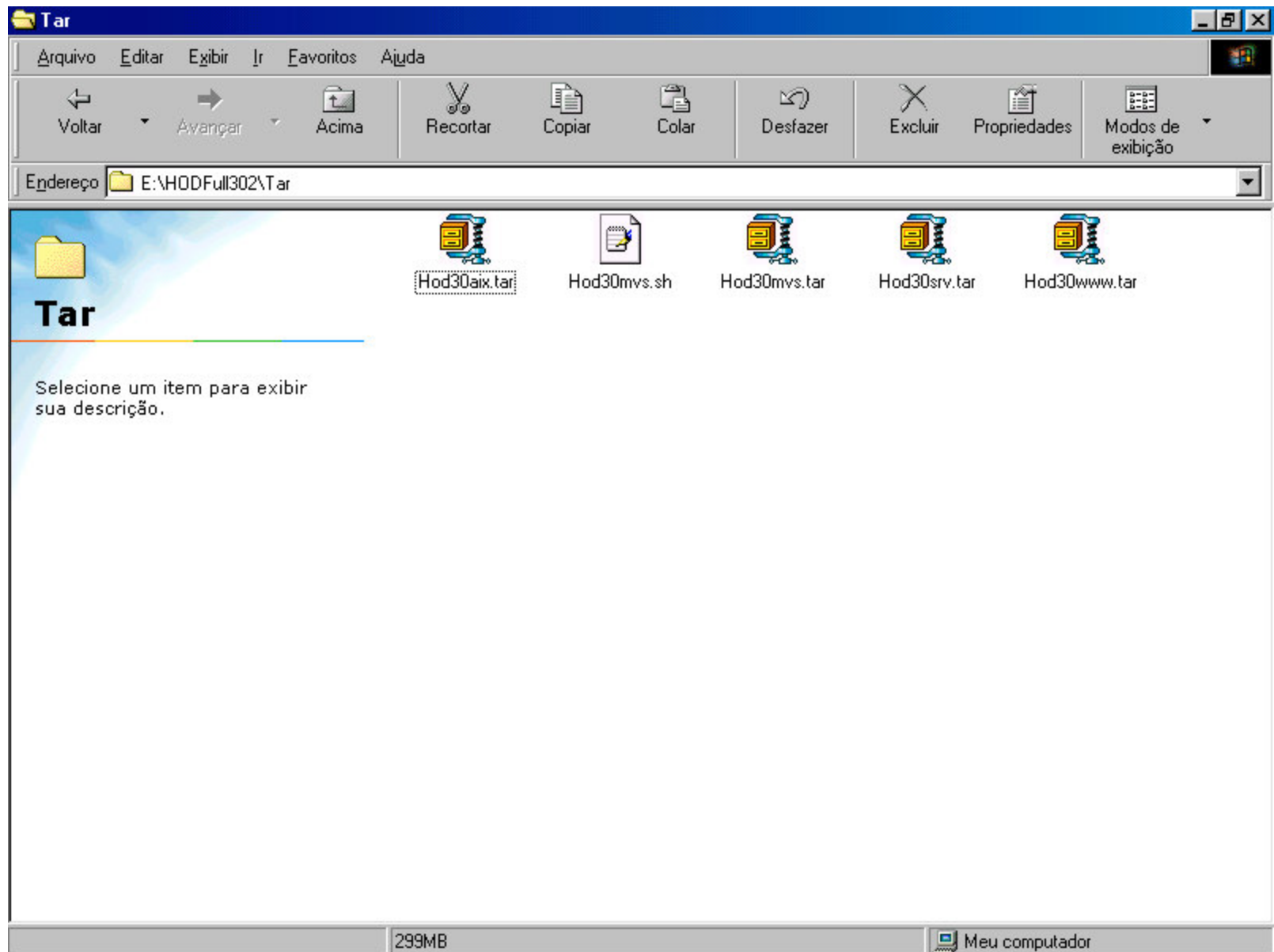
- Provê Emulação
- Provê Facilidade de Servidor de Impressão
- Provê Segurança sob RACF
- Tem facilidade de interação com o TCP/IP do próprio Mainframe
- Customização por Usuário ou Grupos (perfis)
- Pode ser utilizado para gerar telas gráficas
- Elimina a necessidade de Servidores de Comunicação para Emulação e Impressão 3270
- Cria um único ponto de Controle e Gerenciamento para todas as emulações e usuários
- O custo de instalação descentralizada é eliminado



Host On Demand "CD"



Host On Demand "CD"



```
Hod30mvs.sh - WordPad
Arquivo Editar Exibir Inserir Formatar Ajuda
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
#!/bin/sh
#####
# hod30mvs.sh - Shell script to install IBM Host On-Demand 3.0
#
# Instructions for running this job:
#
# CAUTION:
#
# A. This job DELETES the Host On-Demand 3.0 directories listed below:
#
#     /usr/lpp/HOD/ondemand/lib
#     /usr/lpp/HOD/ondemand/HOD
#
# B. The following directory will remain:
#
#     /usr/lpp/HOD/ondemand/private
#
# C. If you have made changes to any of the Host On-Demand 3.0 files, or
#     if you have added files, in any directory except /private, you
#     should save those changes
#
# 1. Run this script file.
#     (eg. /usr/lpp/HOD/hod30mvs.sh)
#
#####
#
# If you have installed Host On-Demand in a directory other than the
```

Para obter Ajuda, pressione F1


```
Hod30mvs.sh - WordPad
Arquivo Editar Exibir Inserir Formatar Ajuda

#####
#
# If you have installed Host On-Demand in a directory other than the
# default (/usr/lpp/HOD), change the following path:
#
#####

export HOD30_INSTALL_DIR=/usr/lpp/HOD

cd $HOD30_INSTALL_DIR

#####
#
# Removing previous directories (except /private)...
#
#####

rm -rf $HOD30_INSTALL_DIR/ondemand/lib
rm -rf $HOD30_INSTALL_DIR/ondemand/HOD

#####
#
# Expanding the new Host On-Demand 3.0 archive...
#
#####

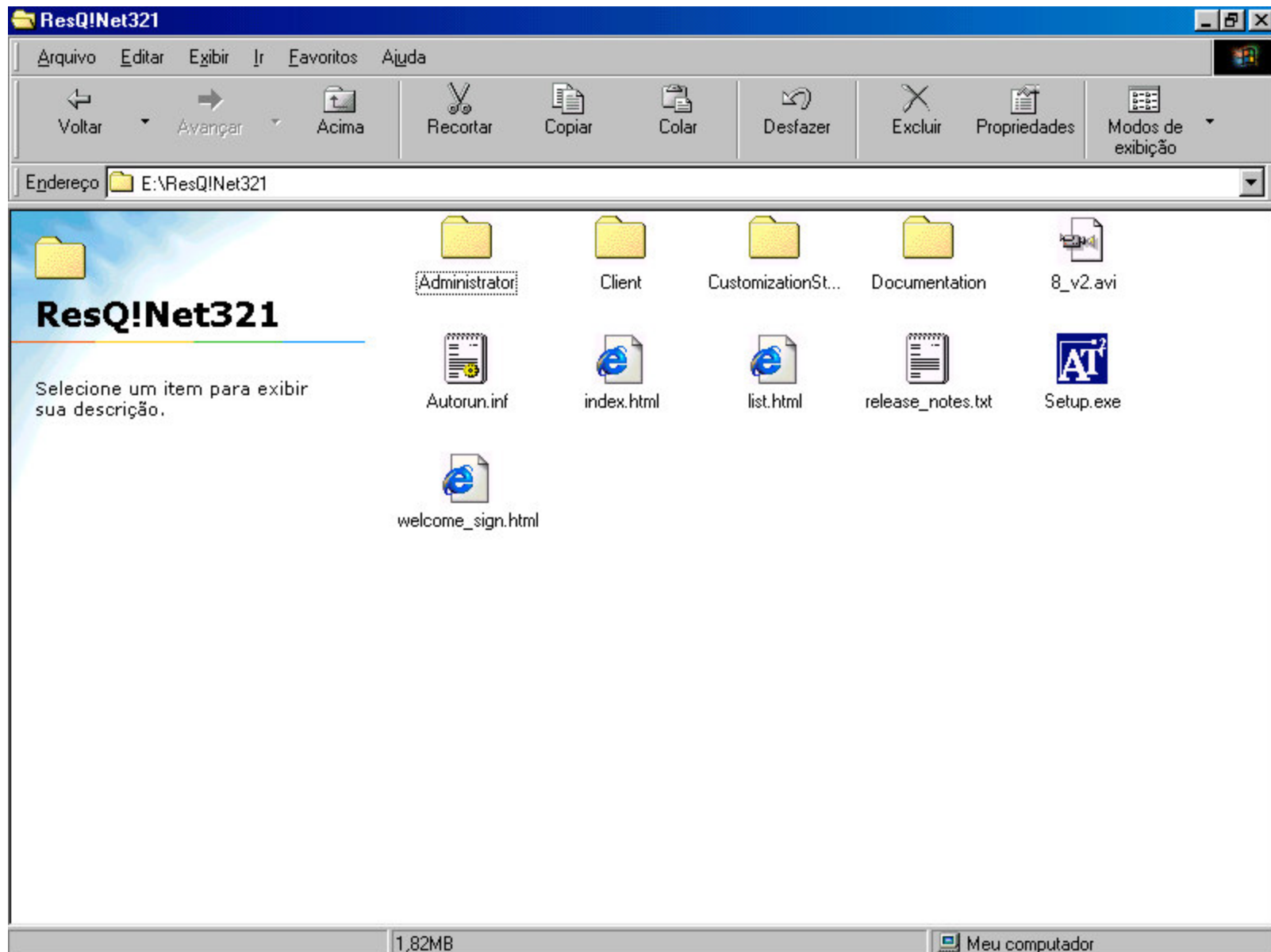
tar -xf hod30mvs.tar

#####
#

Para obter Ajuda, pressione F1
```

```
#####  
#  
# Expanding the new Host On-Demand 3.0 archive...  
#  
#####  
  
tar -xf hod30mvs.tar  
  
#####  
#  
# Making the Host On-Demand Service Manager executable...  
#  
# If you have installed Host On-Demand in a directory other than the  
# default (/usr/lpp/HOD), edit ServiceManager.sh and change the  
# noted paths.  
#  
#####  
  
chmod 755 $HOD30_INSTALL_DIR/ondemand/lib/ServiceManager.sh
```

Para obter Ajuda, pressione F1



1:Interface 3270 24x80 - A - TCPDT301

Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio

Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de l

CUSTOMPAC MASTER APPLICATION MENU

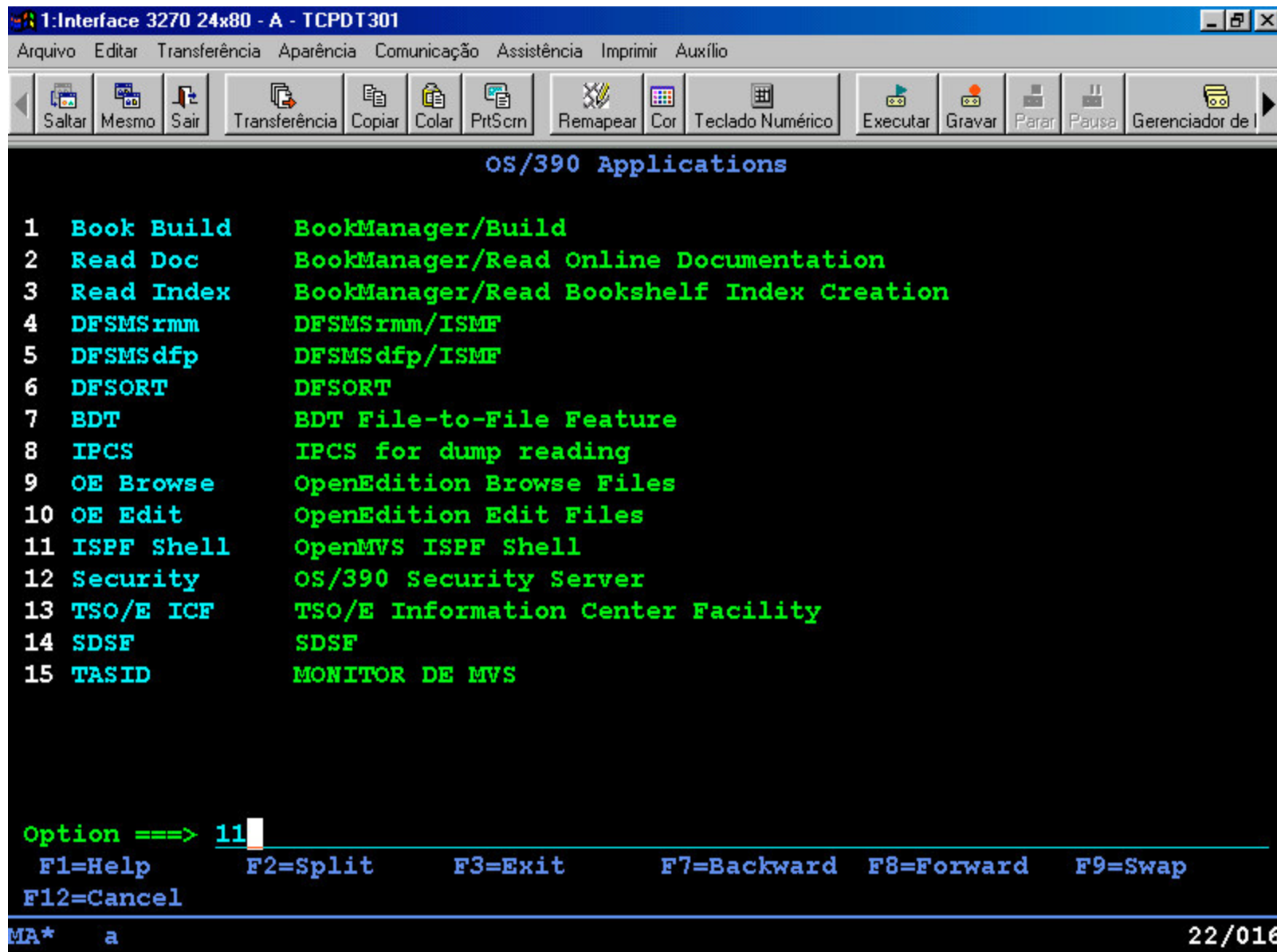
OPTION ==> █ SCROLL ==> PAGE

USERID - S150391
 TIME - 16:20
 DATA - 00/08/02
 JULIANA - 00.215
 SYSTEM - DES3

P PDF - ISPF/Program Development Facility
 OS Support - OS/390 ISPF System Support Options
 OU User - OS/390 ISPF User Options
 X EXIT - Terminate ISPF using list/log defaults

F1=HELP F2=SPLIT F3=END F4=RETURN F5=RFIND F6=RCHANGE
 F7=UP F8=DOWN F9=SWAP F10=LEFT F11=RIGHT F12=RETRIEVE

MA* a 02/014



```
1:Interface 3270 24x80 - A - TCPDT301
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de
File Directory Special_file Tools File_systems Options Setup Help
-----
OpenMVS ISPF Shell

Enter a pathname and do one of these:

- Press Enter.
- Select an action bar choice.
- Specify an action code or command on the command line.

Return to this panel to work with a different pathname.

More: +

/usr/lpp/HOD
-----
*-----*
| (C) Copyright IBM Corp., 1993. All rights reserved. |
*-----*

Command ==>
F1=Help      F3=Exit      F5=Retrieve  F6=Keyshelp  F7=Backward  F8=Forward
F10=Actions  F11=Command  F12=Cancel

MA*      a                                     13/017
```

```
1:Interface 3270 24x80 - A - TCPDT301
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de
Directory List
/usr/lpp/HOD/
Select one or more files with / or action codes.

Type  Filename                                     Row 1 of 5
Dir   .
Dir   ..
File  hod30mvs.sh
File  hod30mvs.tar
Dir   ondemand

Command ==>
F1=Help      F3=Exit      F4=Name      F5=Retrieve  F6=Keyshelp  F7=Backward
F8=Forward   F11=Command  F12=Cancel
```

MA* a

07/002

```
1:Interface 3270 24x80 - A - TCPDT301
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de
Directory List

/usr/lpp/HOD/
Select one or more files with / or action codes.

Type  Filename                                     Row 1 of 5
Dir   .
Dir   ..
File  hod30mvs.sh
File  hod30mvs.tar
Dir   ondemand

Command ==> sh /usr/lpp/HOD/hod30mvs.sh
F1=Help      F3=Exit      F4=Name      F5=Retrieve  F6=Keyshelp  F7=Backward
F8=Forward   F11=Command  F12=Cancel

MA* a 22/042
```



```
1:Interface 3270 24x80 - A - TCPDT301
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de
Directory List

/usr/lpp/HOD/
Select one or more files with / or action codes.

Type  Filename                                     Row 1 of 5
- Dir      .
- Dir      ..
- File     hod30mvs.sh
- File     hod30mvs.tar
- Dir      ondemand

Command ==> sh /usr/lpp/HOD/ondemand/lib/ServiceManage.sh s
F1=Help      F3=Exit      F4=Name      F5=Retrieve  F6=Keyshelp  F7=Backward
F8=Forward   F11=Command  F12=Cancel

MA*      a                                     22/062
```

```
1:Interface 3270 24x80 - A - TCPDT301
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de l
CUSTOMPAC MASTER APPLICATION MENU
OPTION ==> tso console SCROLL ==> PAGE
USERID - S150391
TIME - 16:33
DATA - 00/08/02
JULIANA - 00.215
SYSTEM - DES3
P PDF - ISPF/Program Development Facility
OS Support - OS/390 ISPF System Support Options
OU User - OS/390 ISPF User Options
X EXIT - Terminate ISPF using list/log defaults
F1=HELP F2=SPLIT F3=END F4=RETURN F5=RFIND F6=RCHANGE
F7=UP F8=DOWN F9=SWAP F10=LEFT F11=RIGHT F12=RETRIEVE
MA* a 02/025
```

1:Interface 3270 24x80 - A - TCPDT301

Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio

Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de

CUSTOMPAC MASTER APPLICATION MENU

OPTION ==> **tso console** SCROLL ==> **PAGE**

USERID - S150391
TIME - 16:33
DATA - 00/08/02
JULIANA - 00.215
SYSTEM - DES3

P PDF - ISPF/Program Development Facility
OS Support - OS/390 ISPF System Support Options
OU User - OS/390 ISPF User Options
X EXIT - Terminate ISPF using list/log defaults

CONSOLE
d omvs,a=all

MA* a 22/013

1:Interface 3270 24x80 - A - TCPDT301

Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio

Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de l

WEBADM	WEBADM3	00A4	50331738		1	1WI	08.58.09	.081
LATCHWAITP ID=			0	CMD=/bin/sh /usr/lpp/HOD/ondemand/lib/Service				
TCP/IP	TCP/IP	0017	50331742		1	1R	08.56.06	597.634
LATCHWAITP ID=			0	CMD=EZBTSSL				
OROUTED	OROUTED	0071	95		1	1FI	08.56.08	473.631
LATCHWAITP ID=			0	CMD=OROUTED				
FTPD	FTPD1	00A6	96		1	1FI	08.56.08	.237
LATCHWAITP ID=			0	CMD=FTPD				
WEBADM		0000	50331746	33554531	1L		08.58.04	.001
TCP/IP	TCP/IP	0017	100		1	MR	08.56.17	597.634
LATCHWAITP ID=			0	CMD=EZBTIMST				
WEBADM	WEBADM5	00A3	50331752	50331738	HF		08.58.09	32.561
LATCHWAITP ID=			0	CMD=/usr/lpp/java/J1.1/bin/./bin/mvs/native				
TCP/IP	TCP/IP	0017	83886216		1	MR	08.56.02	597.634
LATCHWAITP ID=			0	CMD=EZBTCP/IP				
EMAIL	EMAIL	0089	50331806		1	1F	08.00.43	22.639
LATCHWAITP ID=			0	CMD=HLPTCP32				
S150391	S150391	00A2	83886273		1	1RI	16.21.23	1.986
LATCHWAITP ID=			0	CMD=EXEC				

CONSOLE

MA* a 21/001

1:Interface 3270 24x80 - A - TCPDT301

Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio

Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de l

```

LATCHWAITP ID=          0 CMD=EZBTSSL
OROUTED  OROUTED  0071          95          1 1F    08.56.08    473.345
LATCHWAITP ID=          0 CMD=OROUTED
FTPD     FTPD1    00A6          96          1 1FI    08.56.08     .237
LATCHWAITP ID=          0 CMD=FTPD
WEBADM   WEBADM   0000    50331746    33554531 1L    08.58.04     .001
TCP/IP   TCP/IP   0017          100          1 MR    08.56.17    597.179
LATCHWAITP ID=          0 CMD=EZBTIMST
WEBADM   WEBADM5 00A3    50331752    50331738 HF    08.58.09    32.542
LATCHWAITP ID=          0 CMD=/usr/lpp/java/J1.1/bin/./bin/mvs/native
TCP/IP   TCP/IP   0017    83886216          1 MR    08.56.02    597.179
LATCHWAITP ID=          0 CMD=EZBTCP/IP
EMAIL    EMAIL    0089    50331806          1 1F    08.00.43    22.611
LATCHWAITP ID=          0 CMD=HLPTCP32
S150391  S150391  00A2    83886273          1 1RI    16.21.23     1.958
LATCHWAITP ID=          0 CMD=EXEC

```

MA* a 17/001

1:Interface 3270 24x80 - A - TCPDT301

Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio

Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de l

CUSTOMPAC MASTER APPLICATION MENU

OPTION ==> **tso omvs** SCROLL ==> **PAGE**

USERID - S150391
 TIME - 16:33
 DATA - 00/08/02
 JULIANA - 00.215
 SYSTEM - DES3

P PDF - ISPF/Program Development Facility
 OS Support - OS/390 ISPF System Support Options
 OU User - OS/390 ISPF User Options
 X EXIT - Terminate ISPF using list/log defaults

F1=HELP F2=SPLIT F3=END F4=RETURN F5=RFIND F6=RCHANGE
 F7=UP F8=DOWN F9=SWAP F10=LEFT F11=RIGHT F12=RETRIEVE

MA* a 02/022

```
1:Interface 3270 24x80 - A - TCPDT301
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
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s150391:/: >

===> █

RUNNING
ESC=⌘ 1=Help 2=SubCmd 3=HlpRetrn 4=Top 5=Bottom 6=TSO
7=BackScr 8=Scroll 9=NextSess 10=Refresh 11=FwdRetr 12=Retrieve
MA* a 21/007
```

```
1:Interface 3270 24x80 - A - TCPDT301
Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio
Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de l
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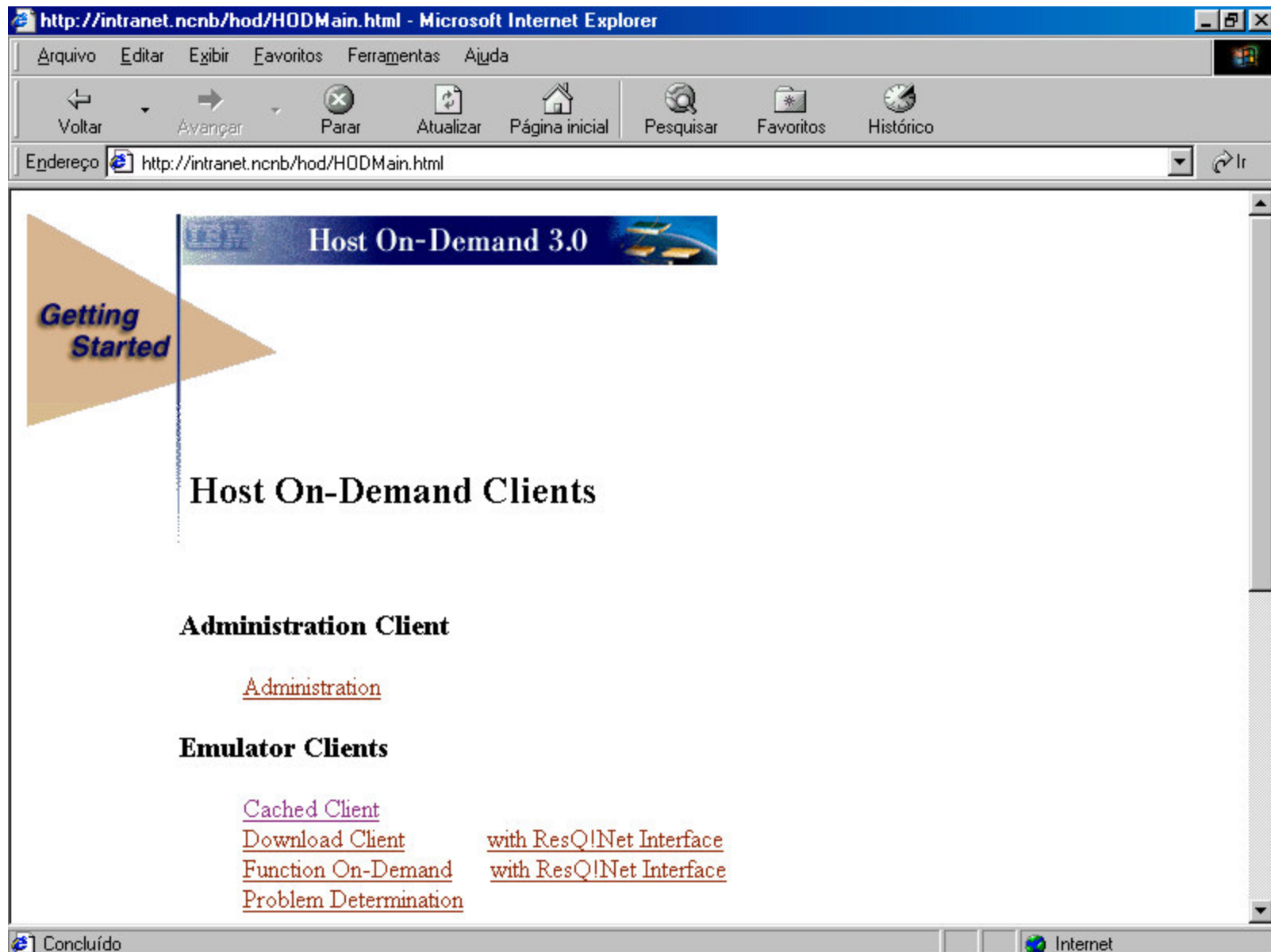
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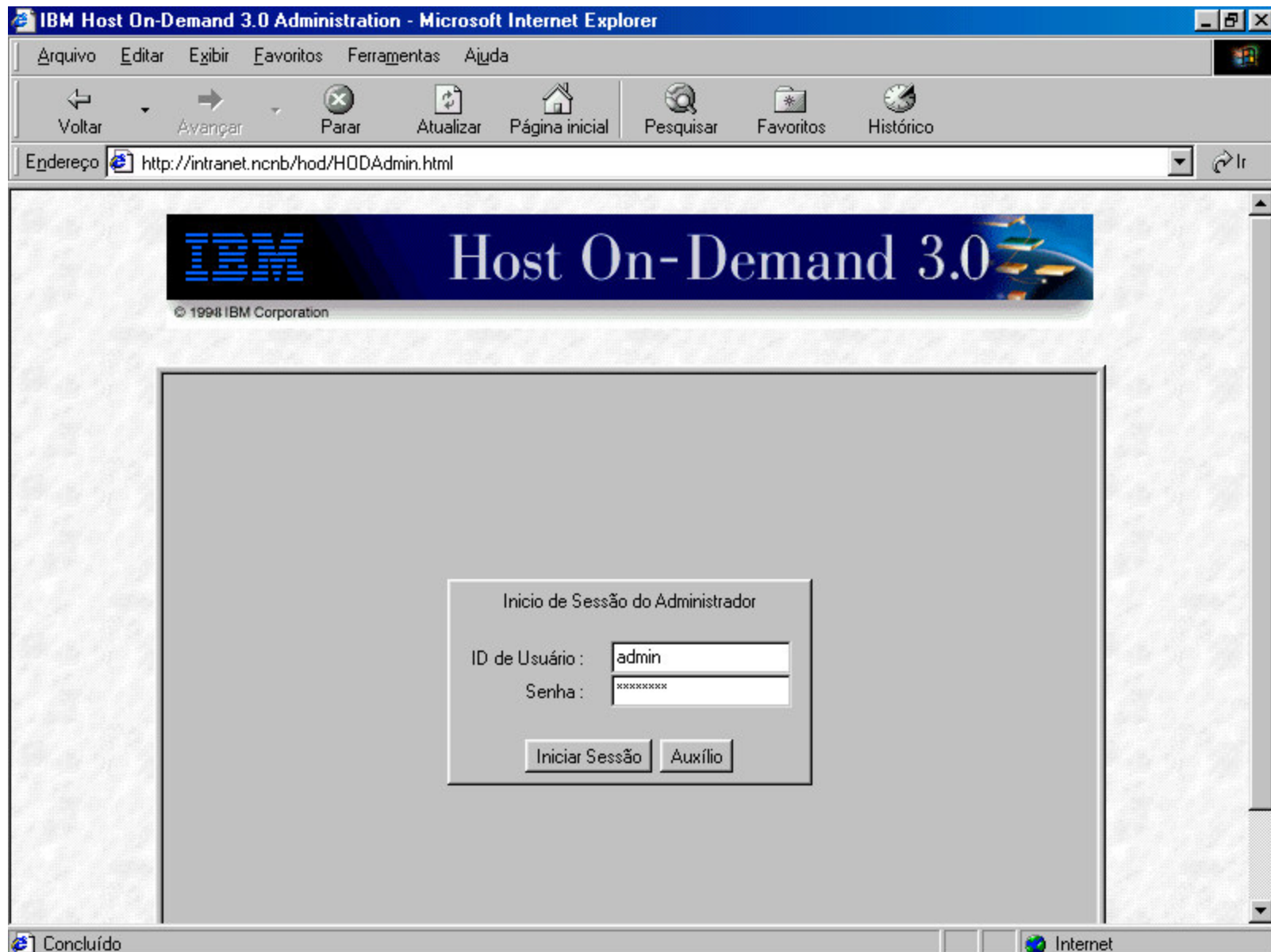
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s150391:/: >

===> /usr/lpp/HOD/ondemand/lib/ServiceManage.sh &
INPUT
ESC=␣ 1=Help 2=SubCmd 3=HlpRetrn 4=Top 5=Bottom 6=TSO
7=BackScr 8=Scroll 9=NextSess 10=Refresh 11=FwdRetr 12=Retrieve
MA* a 21/051
```



IBM Host On-Demand 3.0 Administration - Microsoft Internet Explorer

Arquivo Editar Exibir Favoritos Ferramentas Ajuda

Voltar Avançar Parar Atualizar Página inicial Pesquisar Favoritos Histórico

Endereço <http://intranet.ncnb/hod/HODAdmin.html>

IBM Host On-Demand 3.0

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Serviços **Usuários** Redirecionador Banco de Dados Licença

Lista de Usuários

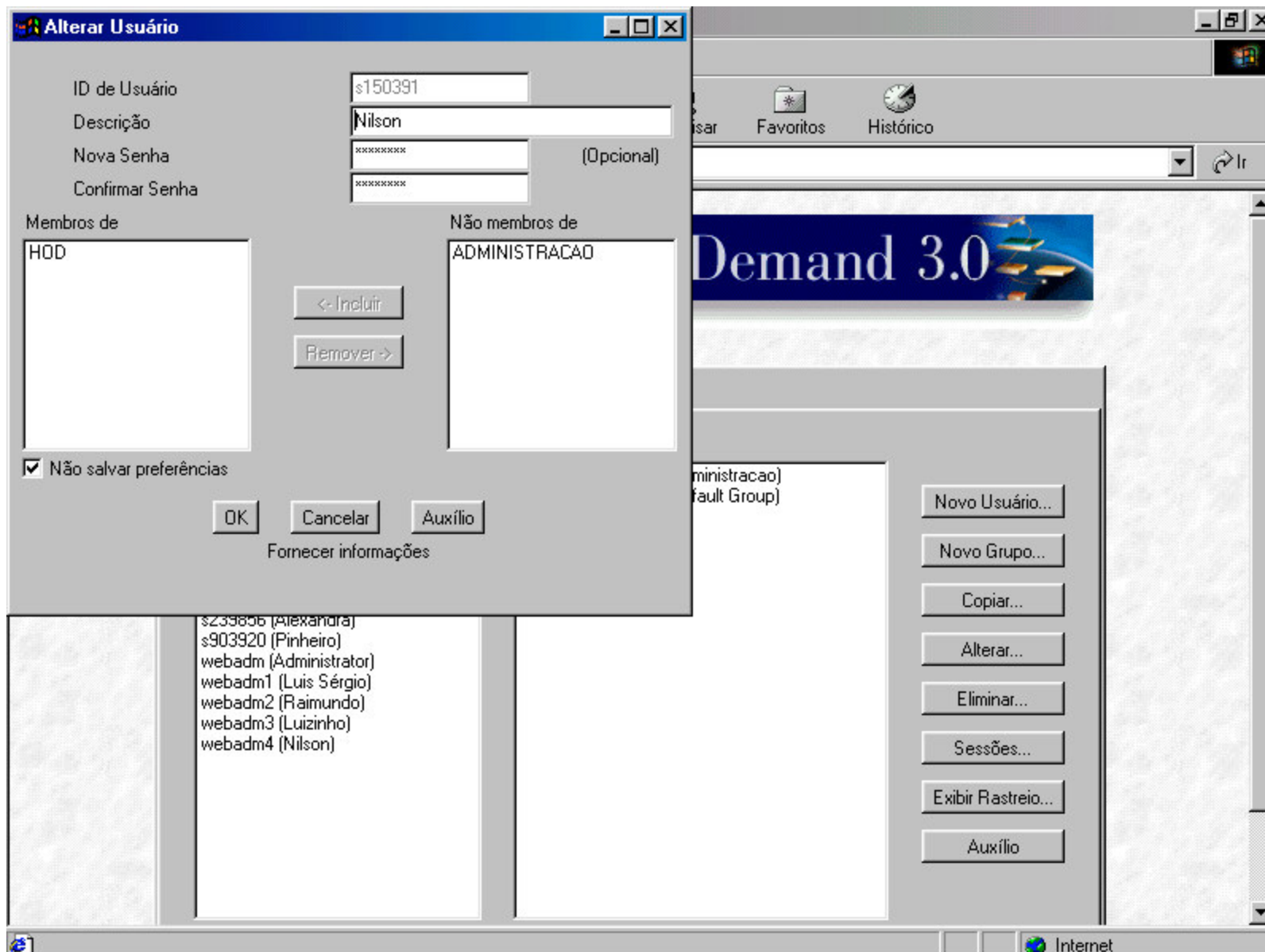
- admin (Administrator)
- admin2 (Administrator)
- k073532 (J. Osmar)
- ncnb (Geral)
- s131311 (Caio)
- s150391 (Nilson)
- s178733 (Raimundo)
- s239856 (Alexandra)
- s903920 (Pinheiro)
- webadm (Administrator)
- webadm1 (Luis Sérgio)
- webadm2 (Raimundo)
- webadm3 (Luizinho)
- webadm4 (Nilson)

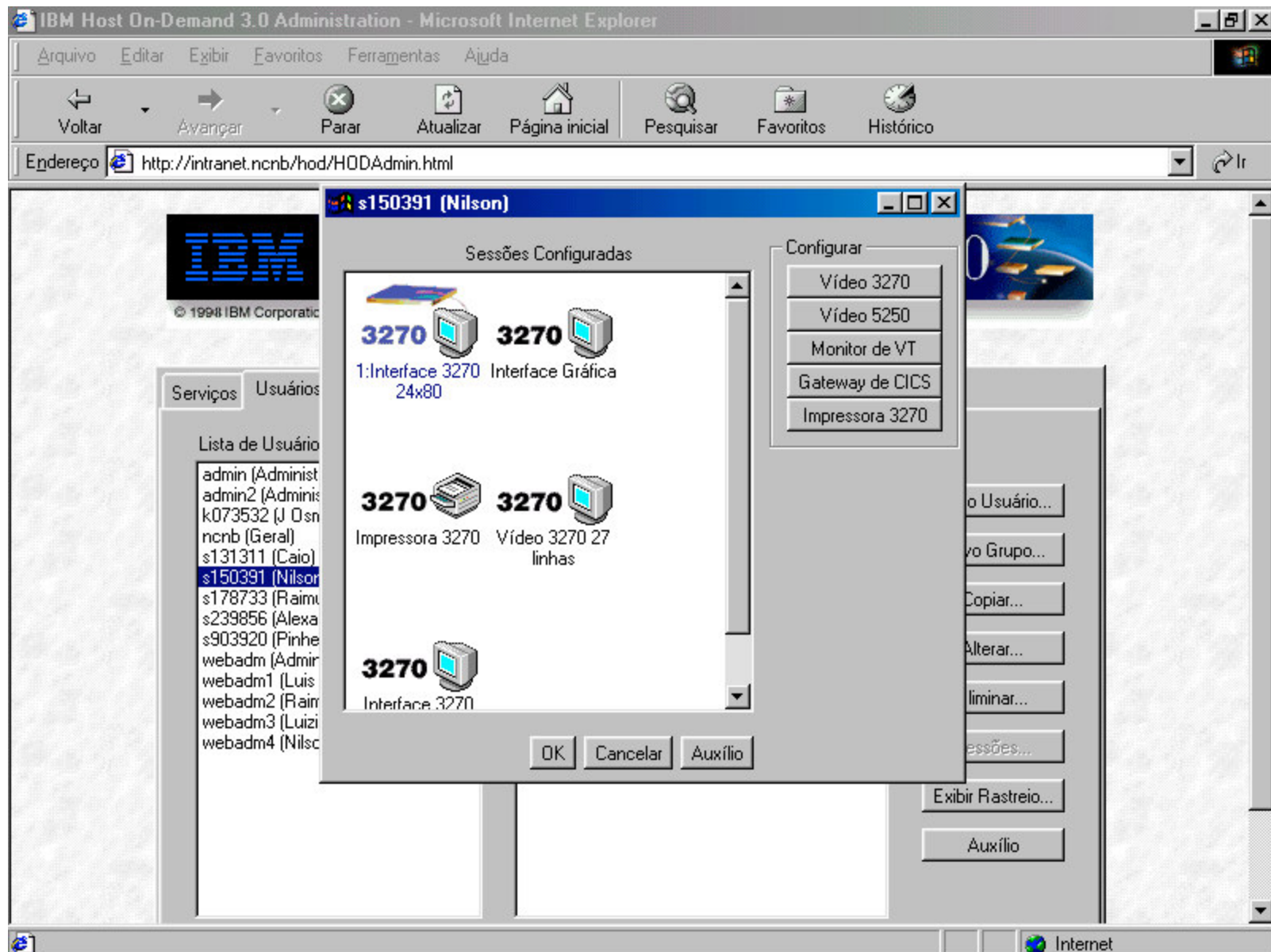
Lista de Grupo

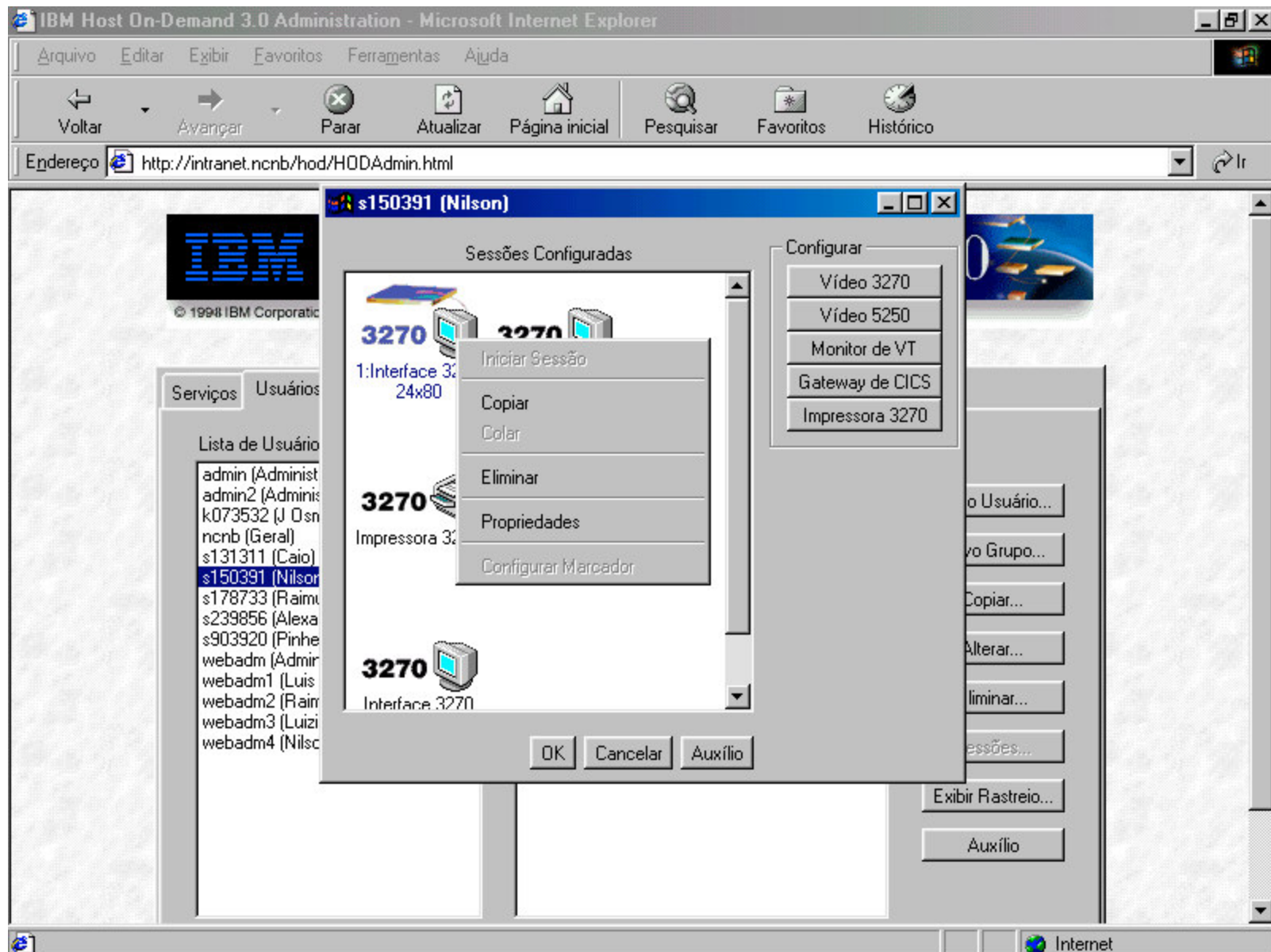
- ADMINISTRACAO (Administracao)
- HOD (HOD System Default Group)

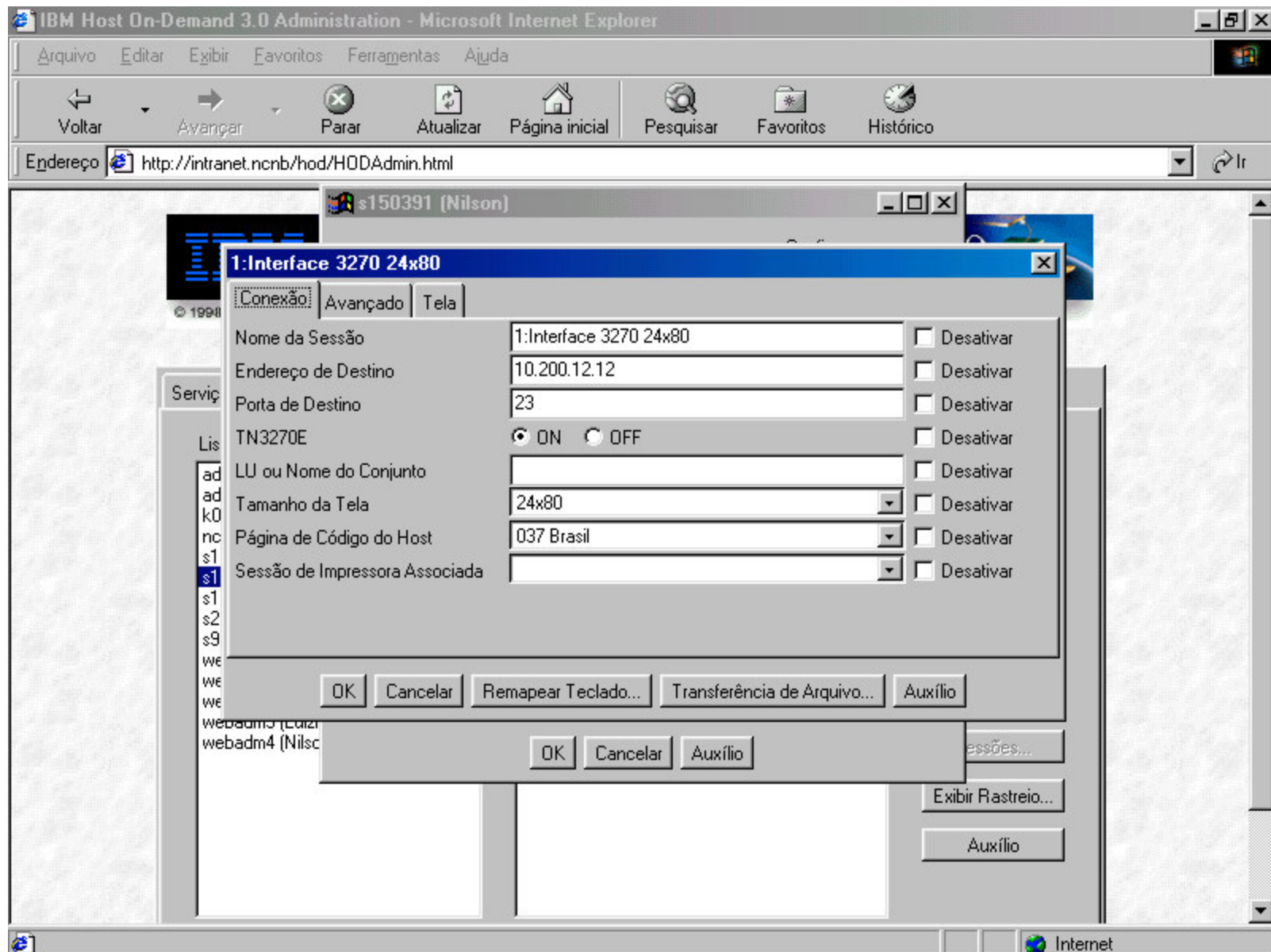
Novo Usuário...
Novo Grupo...
Copiar...
Alterar...
Eliminar...
Sessões...
Exibir Rastreo...
Auxílio

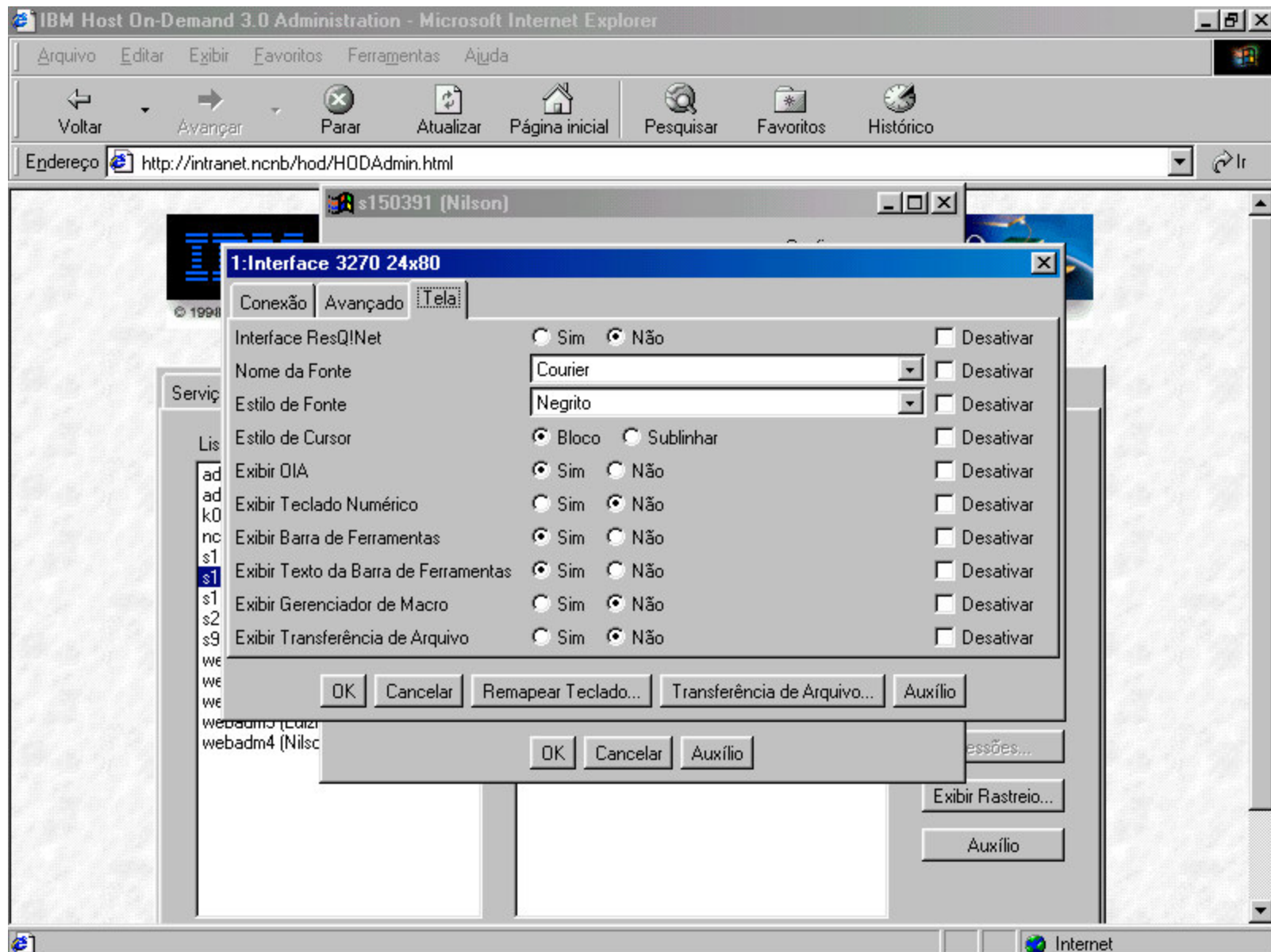
Concluído Internet

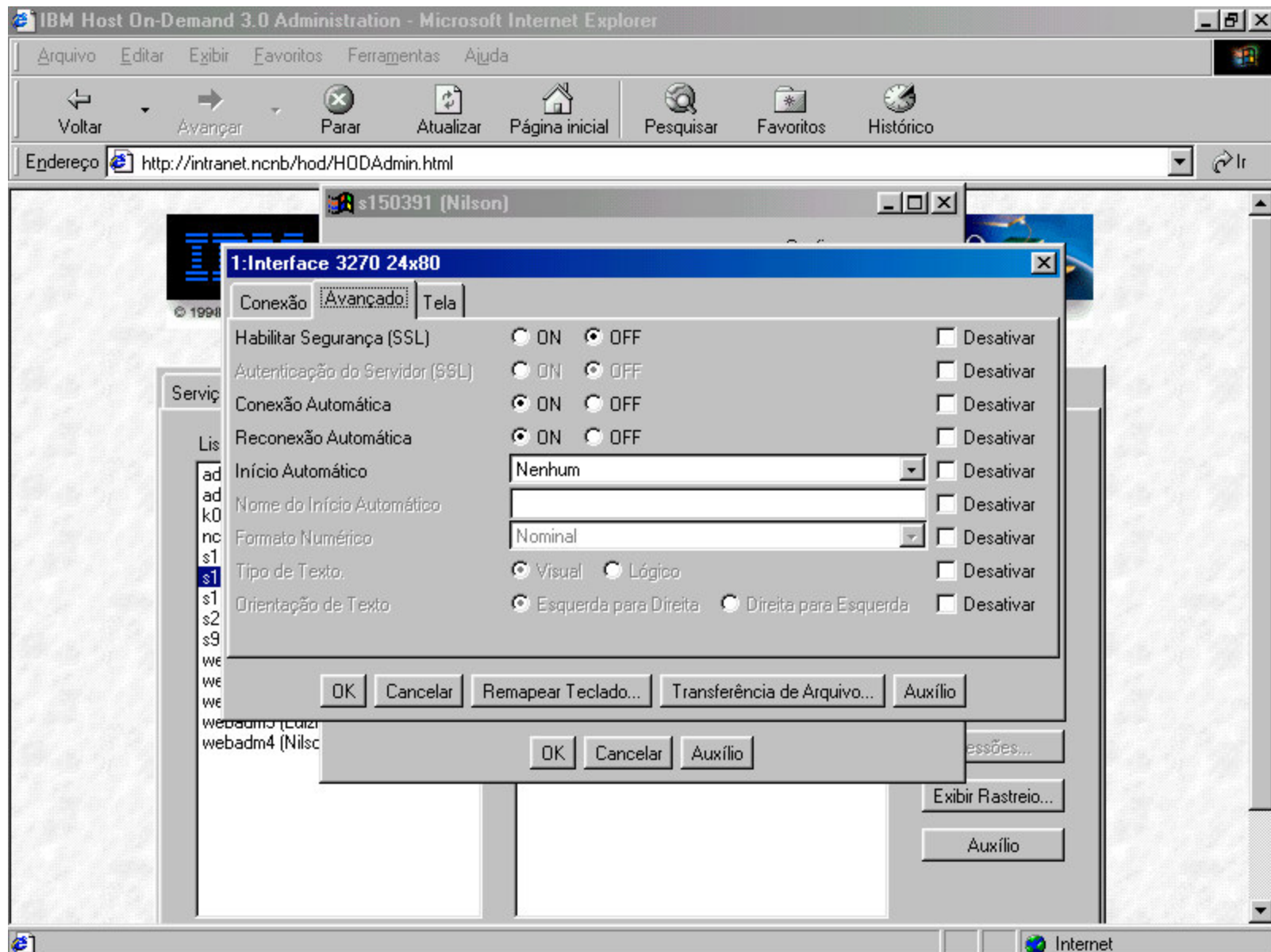


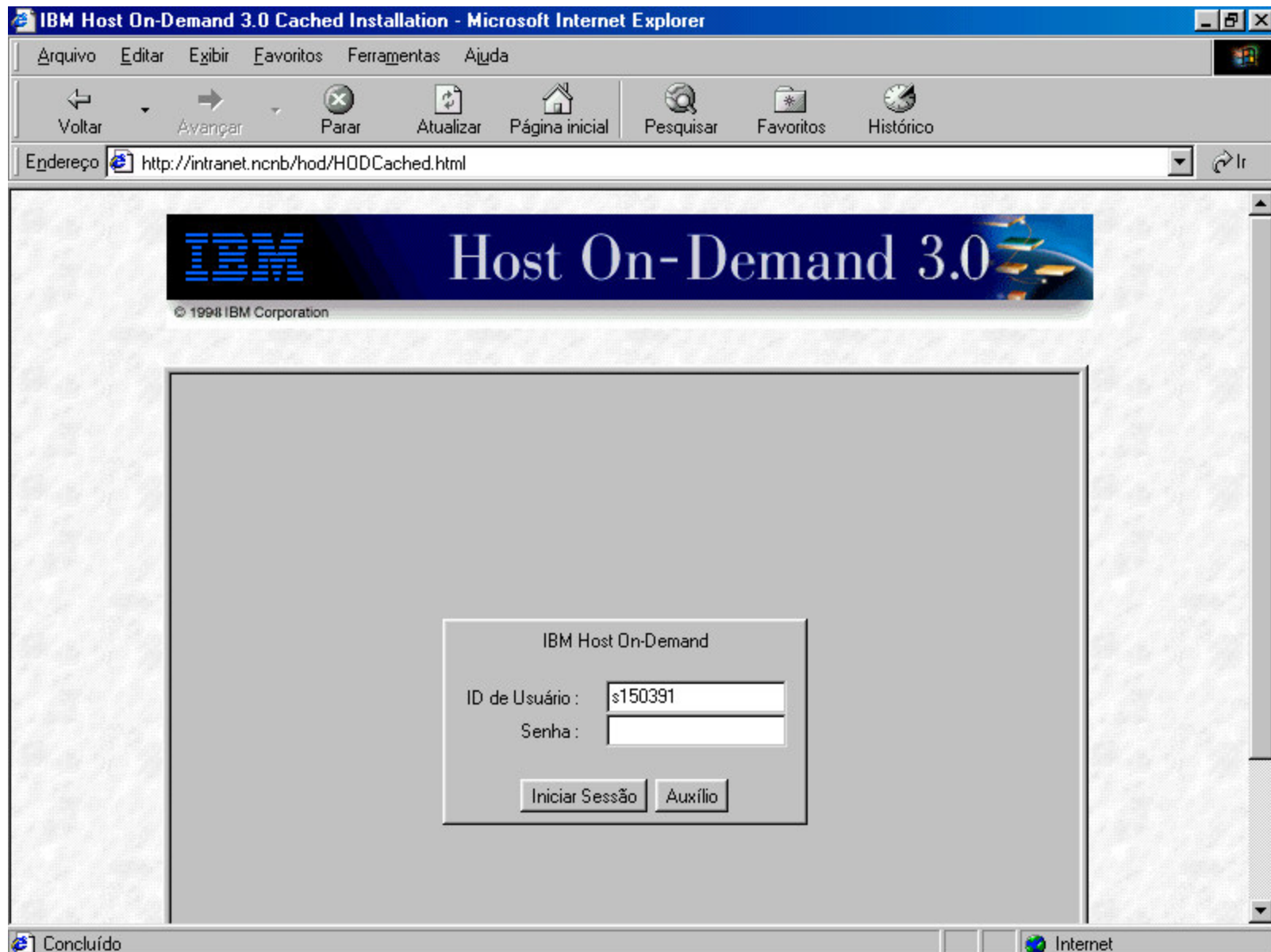


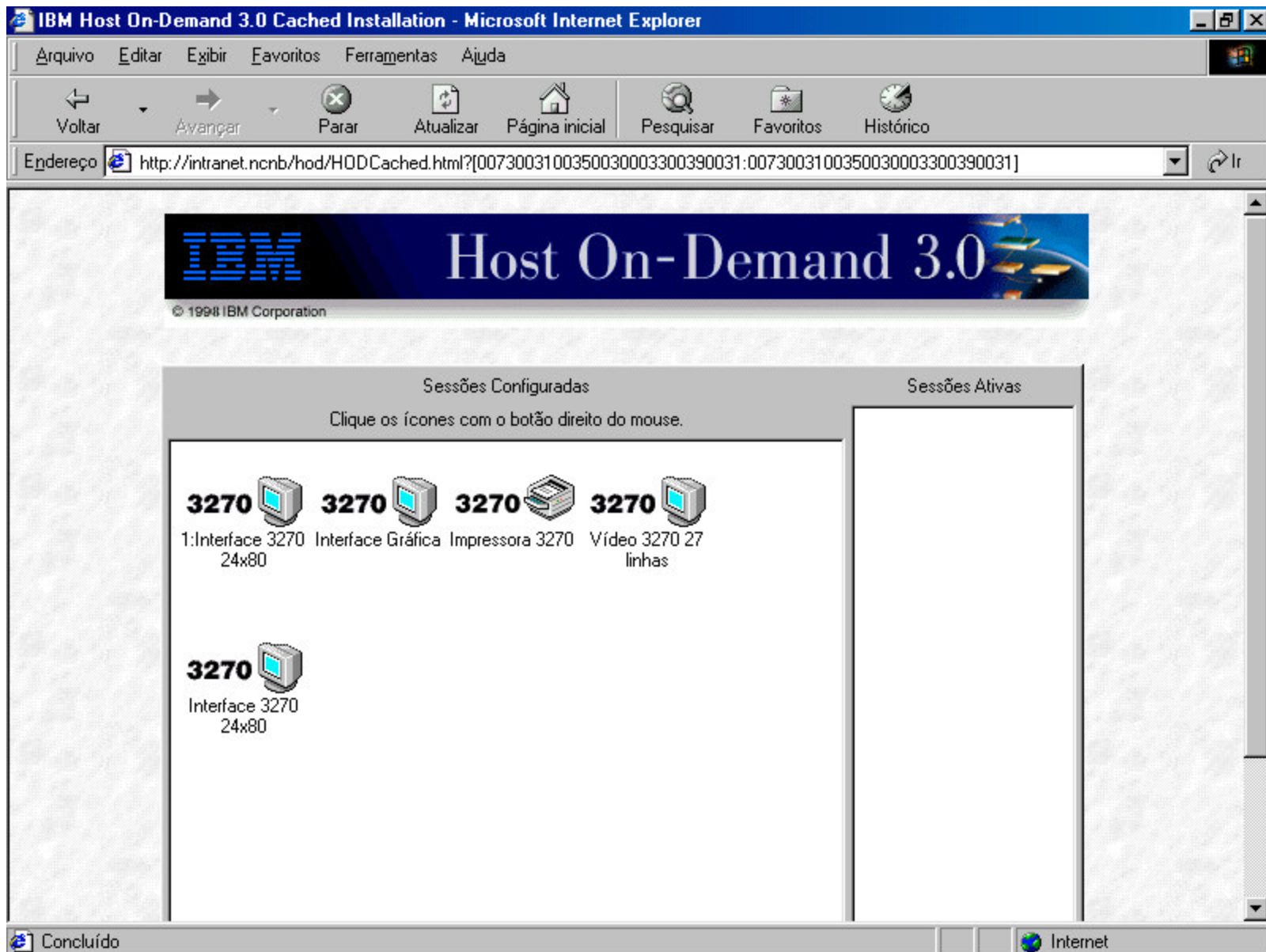












IBM Host On-Demand 3.0 Cached Installation - Microsoft Internet Explorer

Arquivo Editar Exibir Favoritos Ferramentas Ajuda

Voltar Avançar Parar Atualizar Página inicial Pesquisar Favoritos Histórico

Endereço [http://intranet.ncnb/hod/HODCached.html?\[0073003100350030003300390031:0073003100350030003300390031\]](http://intranet.ncnb/hod/HODCached.html?[0073003100350030003300390031:0073003100350030003300390031])

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Sessão
Clique os ícones

3270 **3270** 3
1:Interface 3270 Interface Gráfica Im
24x80

3270
Interface 3270
24x80

Interface 3270 24x80 - A - TCPDT301

Arquivo Editar Transferência Aparência Comunicação Assistência Imprimir Auxílio

Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Te

```

MOSSA CAIXA - MOSSO BANCO

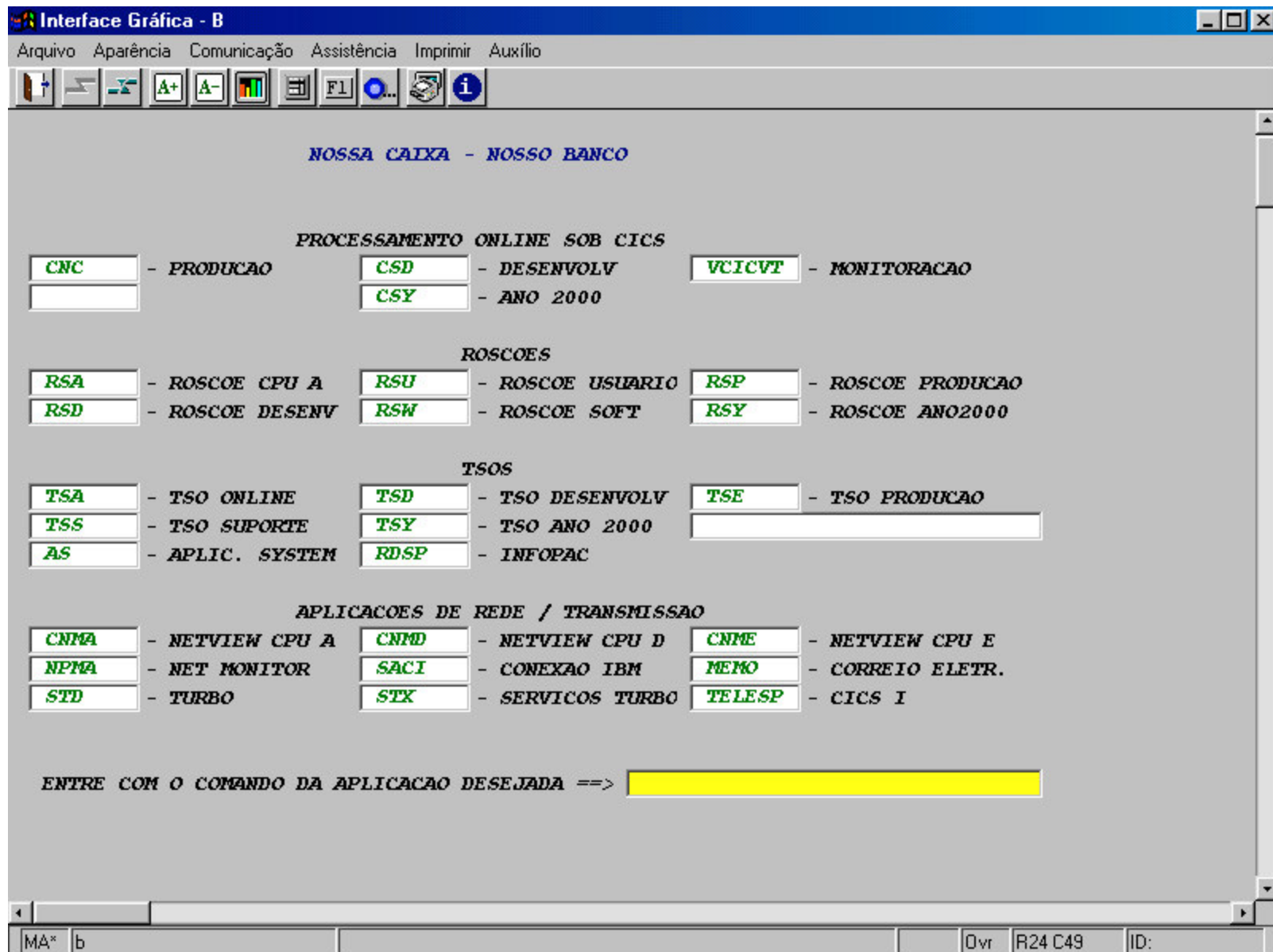
PROCESSAMENTO ONLINE SOB CICS
CNC - PRODUCAO CSD - DESENVOLV VCICVT - MONITORACAO
CSY - AMO 2000

ROSCOES
RSA - ROSCOE CPU A RSU - ROSCOE USUARIO RSP - ROSCOE PRODUCAO
RSD - ROSCOE DESENV RSW - ROSCOE SOFT RSY - ROSCOE AMO2000

TSOS
TSA - TSO ONLINE TSD - TSO DESENVOLV TSE - TSO PRODUCAO
TSS - TSO SUPORTE TSY - TSO AMO 2000
AS - APLIC. SYSTEM EDSP - INEOPAC

```

Concluído



1:Interface 3270 24x80 - A - TCPDT309

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Saltar Mesmo Sair Transferência Copiar Colar PrtScrn Remapear Cor Teclado Numérico Executar Gravar Parar Pausa Gerenciador de l

NOSSA CAIXA - NOSSO BANCO

PROCESSAMENTO ONLINE SOB CICS

CNC	- PRODUCAO	CSD	- DESENVOLV	VCICVT	- MONITORACAO
		CSY	- ANO 2000		

ROSCOES

RSA	- ROSCOE CPU A	RSU	- ROSCOE USUARIO	RSP	- ROSCOE PRODUCAO
RSD	- ROSCOE DESENV	RSW	- ROSCOE SOFT	RSY	- ROSCOE ANO2000

TSOS

TSA	- TSO ONLINE	TSD	- TSO DESENVOLV	TSE	- TSO PRODUCAO
TSS	- TSO SUPORTE	TSY	- TSO ANO 2000		
AS	- APLIC. SYSTEM	RDSP	- INFOPAC		

APLICACOES DE REDE / TRANSMISSAO

CNMA	- NETVIEW CPU A	CNMD	- NETVIEW CPU D	CNME	- NETVIEW CPU E
NPMA	- NET MONITOR	SACI	- CONEXAO IBM	MEMO	- CORREIO ELETR.
STD	- TURBO	STX	- SERVICOS TURBO	TELESP	- CICS I

ENTRE COM O COMANDO DA APLICACAO DESEJADA ==>

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Nossa Caixa **Intranet**
 O Novo Banco de São Paulo Página Principal Manuais Emulação Treinamento Manutenção

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Sessões Configuradas


Clique os ícones com o botão direito do mouse.


3270
 1:Interface 3270
 24x80


3270
 Interface Gráfica


3270
 Impressora 3270

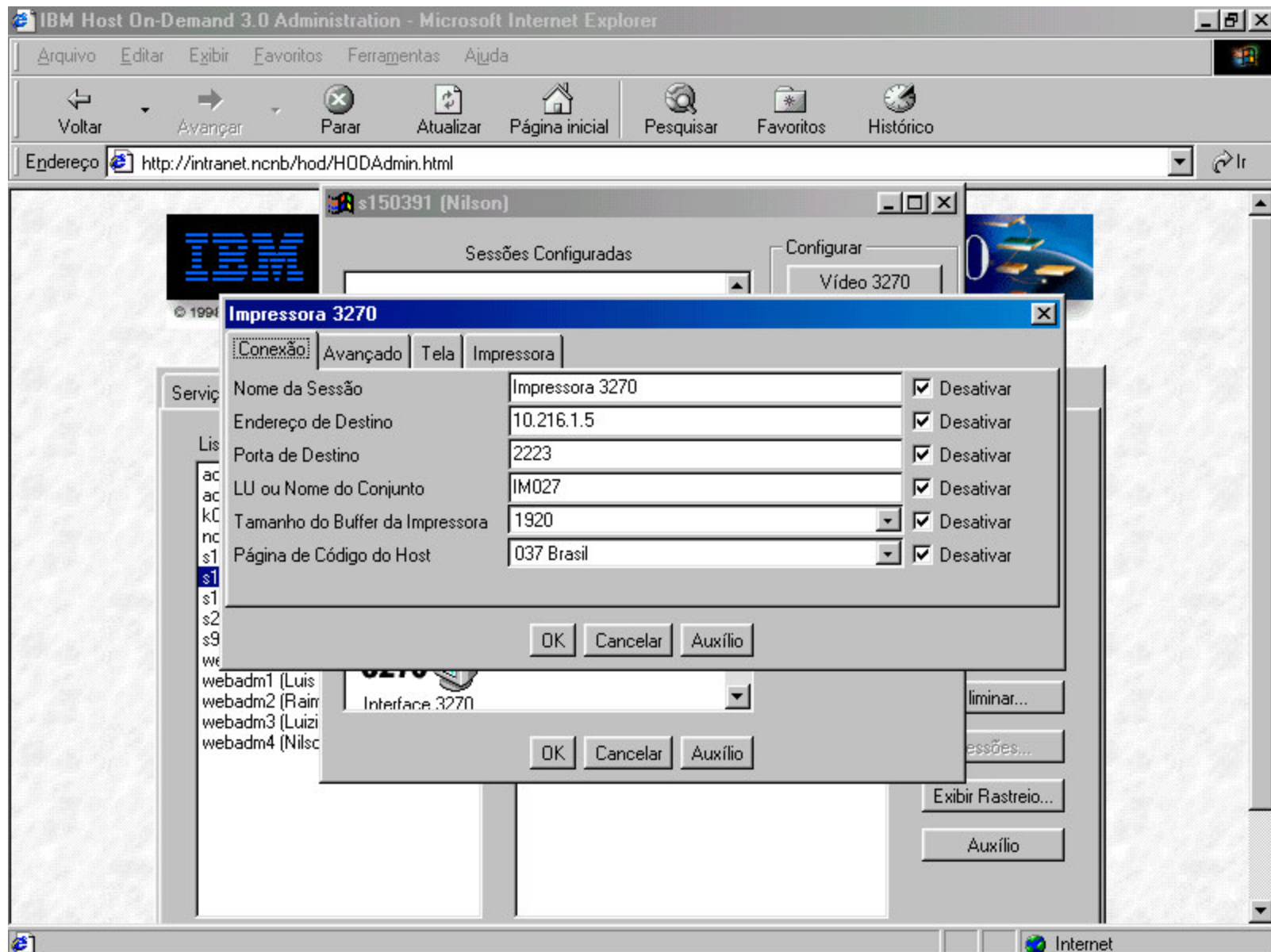

3270
 Vídeo 3270 27
 linhas


3270
 Interface 3270
 24x80

Sessões Ativas

- 1:Interface 32... A
- Interface Gráfi... B

Esta página será melhor visualizada se o Wi Internet



Onde Encontrar Informações

- Program Directory
- ServerPac Installation Guide
- HTTP Server Planning, Installing, and Using (SC31-8690-02)
- OS/390 V2R8.0 Unix System Services Planning (SC28-1890-08)
- OS/390 V2R8.0 Secure Way CS IP Configuration (SC31-8513-03)

Sites Para Pesquisar

- WWW.IBM.COM/JAVA/JDK
- WWW.IBM.COM/DEVELOPER
- WWW.ALPHAWORKS.COM
- WWW.SUN.COM
- WWW3.SOFTWARE.IBM.COM
- WWW.REDBOOKS.IBM.COM

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