

**Lucent Technologies**  
Bell Labs Innovations



# **DEFINITY<sup>®</sup> Network Administration**

Release 2

Installation Planning Guide Addendum

555-233-601AD  
Comcode 108523663  
Issue 4-2  
December 1999

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#### **Your Responsibility for Your System's Security**

Toll fraud is the unauthorized use of your telecommunications system by an unauthorized party, for example, persons other than your company's employees, agents, subcontractors, or persons working on your company's behalf. Note that there may be a risk of toll fraud associated with your telecommunications system and, if toll fraud occurs, it can result in substantial additional charges for your telecommunications services.

You and your system manager are responsible for the security of your system, such as programming and configuring your equipment to prevent unauthorized use. The system manager is also responsible for reading all installation, instruction, and system administration documents provided with this product in order to fully understand the features that can introduce risk of toll fraud and the steps that can be taken to reduce that risk. Lucent Technologies does not warrant that this product is immune from or will prevent unauthorized use of common-carrier telecommunication services or facilities accessed through or connected to it. Lucent Technologies will not be responsible for any charges that result from such unauthorized use.

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Any Product or version/release of a Product that is introduced as generally available on or after September 30,1996, will be Year 2000 Compliant or Lucent BCS will make it Year 2000 Compliant at our cost.

Any other Product, depending on the specific Product and its release or version, will fit into one of the following categories:

- the Product is year 2000 Compliant;
- if the Product is not Year 2000 Compliant, Lucent BCS will provide an upgrade path to a generally available release that is Year 2000 Compliant, at a reasonable cost

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- if the Product is not Year 2000 Compliant, and no upgrade path to a generally available release that is Year 2000 Compliant is available, Lucent BCS will evaluate whether there are potential modifications to the Product that will make it Year 2000 Compliant, and if Lucent BCS determines that such modifications are economically practical, Lucent BCS will offer such modifications to the Customer at a reasonable cost;
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#### **Acknowledgment**

This document was prepared by Lucent Technologies' Global Learning Solutions Product Information Development group, in Denver, CO, Columbus, OH, and Middletown, NJ.

# Telephone Network Information

Photocopy this form and complete for each computer.

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1. **Device Name:** \_\_\_\_\_ 2. **Device Location:** \_\_\_\_\_
3. **Installation Location (IL) Number:** \_\_\_\_\_
4. **DEFINITY ECS:** If the device is a switch, circle the model and version, and enter the login IDs and passwords.

Model:	System 75	G 1.1	G3i	G3s	G3si	Other		
	System 85	G2	G3r	G3vs	G3si+m	G3csi		
Version:	V1	V2	V3	V4	R5	R6	R7	R8
Upload:	Login ID:			Password:		ASG Secret Key:		
Administration:	Login ID:			Password:		ASG Secret Key:		

5. **Other Device:** If the device is voice mail, circle the model and version, and enter the login ID and password.

Model	Intuity AUDIX		Intuity HICAP			DEFINITY AUDIX					
Version	R1	R2	R3	R4	R5	V1	V2	V3	V3.1	V3.2	V4
Login	Login ID:				Password:			ASG Secret Key:			

6. **Connection Information:** In the table below, record the following information:
- Computer Name or IP Address:** For each computer that currently has a serial (direct or dial-up) connection to the device, write down its name or IP address.
  - Connecting Device:** Indicate whether you are using a modem, data module, ADU, null modem, terminal server, network port, or other device to connect the computer to the telephony device, and which serial port you are using.
  - Connecting Device Model:** Indicate the model of the device you are using to connect the computer to the telephony device. (Not applicable if connecting via network port.)
  - Access Number:** Indicate the phone number or extension to call (for direct or dial-up connections) or the IP address (if you are connecting via network port) that you are using to connect to the device.

A Computer Name or IP Address	B Connecting Device, Serial Port	C Device Model	D Access Number
Example: DNAsrvr1	data module, COM 1	7400B+	x2356

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You can obtain additional copies of these addenda from your DNA software CD-ROM or the following website:  
<http://www.lucent.com/enterprise/documentation/555/233601a4.pdf>

# Data Network Information

Photocopy this form and complete for each computer.

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1. Computer Name: \_\_\_\_\_
2. Domain Name: \_\_\_\_\_
3. Location \_\_\_\_\_
4. IP address: \_\_\_\_\_
5. Processor Type and Speed: \_\_\_\_\_
6. Available Memory (in MB): \_\_\_\_\_
7. Virtual Memory (in MB): \_\_\_\_\_
8. Available Disk Space: \_\_\_\_\_ MB \_\_\_\_\_ GB
9. Available Serial Ports \_\_\_\_\_
10. Display colors and resolution \_\_\_\_\_
11. OS Type and version: \_\_\_\_\_
12. Network Card Type \_\_\_\_\_
13. Type of data network: \_\_\_\_\_
14. UNC Name of any laser printers you want to use to print labels \_\_\_\_\_  
\_\_\_\_\_
15. Currently loaded applications: pcAnywhere (required for remote service) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**CONTINUED ON NEXT PAGE**

16. Check each DNA component that you want installed on this computer. For each checked component, provide the requested information.

- Client  Core Services
- Device Service: List the names of the devices for which a Device Service will be installed on this computer.

\_\_\_\_\_

\_\_\_\_\_

- Connection Service: If you are connecting via serial ports, complete the following information for each port. You can get some of this information from the Telephone Network Form for each switch or voice mail system you are connecting to (if you have already completed the forms for those systems).

<u>Port</u>	<u>Connection &amp; Model</u>	<u>Name of Switch or VMS</u>	<u>Device Phone</u>
Example: COM1	data module, 7400B+	Topper	303-555-1000
_____	_____	_____	_____
_____	_____	_____	_____

If you are connecting via network connections, complete the following information:

<u>FQDN or IP Address of Network Device</u>	<u>TCP/IP Service/Socket</u>	<u>Name of Switch or VMS</u>
Example: termsvr1.co.company.com	5005	Maggie
_____	_____	_____
_____	_____	_____

- Button Label Printer Service: List the UNC name of each network laser printers for which a Button Label Printer Service will be installed on this computer (for example \\myserver\deptprinter).

\_\_\_\_\_

\_\_\_\_\_

- Enhanced Number Portability Service: List the systems that are part of the network, plus (for switches) Node Numbers and whether or not to update the routing tables.

<u>Name of Switch or VMS</u>	<u>Node Number &amp; Update?</u>	<u>Name of Switch or VMS</u>	<u>Node Number &amp; Update?</u>
Example: Topper	523, Yes	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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# TSC Cutover Assistance Request

Form PA002

Fax to 1 (303) 488-3365 or  
e-mail to [hbushman@lucent.com](mailto:hbushman@lucent.com) or [fsireno@lucent.com](mailto:fsireno@lucent.com)

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If you have a Lucent support agreement, or if you want Lucent support during the DNA warranty period, install pcAnywhere on all computers that host a DNA server component. Then, complete this form and send it to *System Management Provisioning*. For technical assistance, call 1 (800) 242-2121.

1. **DNA Release:** \_\_\_\_\_ 2. **Version:** \_\_\_\_\_

3. **DNA Components to be installed:**

- |   |   |
|---|---|
| <input type="checkbox"/> Core Services                            | <input type="checkbox"/> Client             |
| <input type="checkbox"/> Button Label Printer Service             | <input type="checkbox"/> Device Service     |
| <input type="checkbox"/> Enhanced Number Portability (ENP) option | <input type="checkbox"/> Connection Service |

4. **Customer Contact Information:**

Company Name: \_\_\_\_\_ IL: \_\_\_\_\_

Address: \_\_\_\_\_

5. **Project Contact Information:**

Title	Name	Phone	E-mail
Customer:			
Customer:			
Account Exec:			
Project Manager:			
Design Specialist:			
Software Administrator			
Software Specialist			

6. **Enable DNA on your switch:** Call the phone number listed for your area and request that Lucent turn on the DNA customer option (PEC number 13362).

CT, DC, DE, MA, ME, NH, NJ, NY, PA, RI, VA, VT, WV	1-800-632-0900
AL, AR, FL, GA, KS, KY, MO, MS, NC, SC, TN	1-800-922-1523
IA, IL, IN, MI, MN, ND, NE, OH, SD, WI	1-800-572-0036
LA, OK, TX	1-800-527-6889
AZ, Southern CA, NM, HI	1-800-829-8888
AK, Northern CA, CO, ID, MT, NV, OR, UT, WA, WY	1-800-642-4690

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You can obtain additional copies of this worksheet from your DNA software CD-ROM or the following website:  
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e-mail to [hbushman@lucent.com](mailto:hbushman@lucent.com) or [fsireno@lucent.com](mailto:fsireno@lucent.com)

Cut Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

## 7. Network Map:

Attach a drawing of the configuration of the DNA portion of the network, referencing the specific customer and locations. Preferred file formats include Microsoft Word or Microsoft PowerPoint. The TSC does not currently support Visio, so any Visio drawings must be embedded in one of the previous types of files.

## 8. pcAnywhere Information:

Access Number: \_\_\_\_\_

Login: \_\_\_\_\_

Password: \_\_\_\_\_

## 9. Server Information:

Make/Model: \_\_\_\_\_

Operating System: \_\_\_\_\_

Processor: \_\_\_\_\_

RAM: \_\_\_\_\_

Virtual Memory: \_\_\_\_\_

HD Capacity: \_\_\_\_\_

LAN OS: \_\_\_\_\_

Server Name: \_\_\_\_\_

IP Domain Name: \_\_\_\_\_

FQDN: \_\_\_\_\_

IP Address: \_\_\_\_\_

Subnet Mask: \_\_\_\_\_

Gateway: \_\_\_\_\_

DNS Server: \_\_\_\_\_

WINS Primary: \_\_\_\_\_

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e-mail to [hbushman@lucent.com](mailto:hbushman@lucent.com) or [fsireno@lucent.com](mailto:fsireno@lucent.com)

Cut Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

## 10. Client Information:

Make/Model: \_\_\_\_\_

Operating System: \_\_\_\_\_

Processor: \_\_\_\_\_

RAM: \_\_\_\_\_

HD Capacity: \_\_\_\_\_

LAN OS: \_\_\_\_\_

## 11. Switch Information:

	Switch 1	Switch 2	Switch 3	Switch 4	Switch 5
Switch Name:					
Version Number:					
DNA Upload Login ID:					
DNA Upload Password:					
DNA Upload Secret Key:					
DNA Admin Login ID:					
DNA Admin Password:					
DNA Admin Secret Key:					
User Login:					
User Password:					
8400B Data Module:					
HG Number:					
HG Lead Ext:					
System Port:					
Server COM Port:					
COM Port IRQ:					

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# TSC Cutover Assistance Request

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ATTOMS/DOS: \_\_\_\_\_

Fax to 1 (303) 488-3365 or  
e-mail to [hbushman@lucent.com](mailto:hbushman@lucent.com) or [fsireno@lucent.com](mailto:fsireno@lucent.com)

Cut Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

## 12. Voice Mail Information:

	AUDIX 1	AUDIX 2	AUDIX 3	AUDIX 4	AUDIX 5
AUDIX Name:					
Version Number:					
Passwords:					
User Login:					
User Password:					
IP Address:					

## 13. Other Device:

	AUDIX 1	AUDIX 2	AUDIX 3	AUDIX 4	AUDIX 5
Device Name:					
Version Number:					
Passwords:					
User Login:					
User Password:					
IP Address:					

## 14. Button Label Printer Information:

	AUDIX 1	AUDIX 2	AUDIX 3	AUDIX 4	AUDIX 5
Device Name:					
Device Type:					
UNC:					

You can obtain additional copies of this worksheet from your DNA software CD-ROM or the following website:  
<http://www.lucent.com/enterprise/documentation/555/233601a4.pdf>

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## Ways to assign permissions

DNA lets you specify which individuals and groups can perform which commands on a given switch. You can do this in three ways:

- assign users to DNA's predefined user groups and accept the default permissions,
- assign users to DNA's predefined user groups and modify the default permissions to meet your needs, or
- create your own user groups and set the permissions from scratch.

## Purpose of this worksheet

No matter which of the above options you choose, this worksheet will help you plan. When you finish this worksheet, you will know:

- which accounts you want to create, be they individual accounts or user groups
- which people go in which user groups
- which permissions to turn on for each individual or user group

Then give this information to the person who will be setting up permissions on DNA.

## Using DNA's Predefined User Groups

### DNA's predefined user groups

By default, DNA comes with the following three user groups already set up:

- **DNA Administrators:** These are typically "superusers" who set up and maintain DNA. Members of this group have permission to issue all DEFINITY commands. These permissions cannot be changed, but you can control who is a member of the group.
- **Device Administrators:** These are switch and voice mail administrators. By default, members of this group have permission to issue all DEFINITY commands. However, you can change these permissions.
- **Device Browsers:** These are typically managers or others who do not need to make changes, but need to be able to see the system and run reports. If you want to use this user group, you must specify permissions for it.

### Do this

If you want to use DNA's Device Administrator user group and accept the permissions that are already set up for it, complete the following steps:

1. Photocopy the first page of this form once for each switch that DNA will support.  
  
The first page contains boxes you can use to write down who is in which group.
2. At the top of the form, write the name and location of the switch.
3. List which individuals you want to go in the group.
4. Give the completed form to the person who will be setting up permissions on DNA.

You can obtain additional copies of these addenda from your DNA software CD-ROM or the following website:  
<http://www.lucent.com/enterprise/documentation/555/233601a4.pdf>

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## Modifying DNA's User Groups

If you want to use the user group categories that come in DNA, but want to change the permissions that have been set up (for the Device Administrators group) or set up your own (for the Device Browsers group), you can.

### Do this

To specify who is in which group and which permissions to set, complete the following steps:

1. Photocopy this worksheet once for each switch that you will administer using DNA.
2. At the top of each form, write the name and location of the switch.
3. List which individuals you want to go in each user group.
4. In the columns for Device Administrator or Device Browsers simply mark off any changes you want to make.
5. Give the completed forms to the person who will set up permissions on DNA.

## Creating Custom User Groups

### Do this

You also can build your own user groups and set permissions to meet your needs. To do so, complete the following steps:

1. Photocopy this worksheet once for each switch that you will administer using DNA.
2. At the top of each form, write the name and location of the switch.
3. On the user group form, pick an empty user group, write the name of the group at the top of the box, and then list the individuals you want in that group.  
  
If you want to set up permissions for a single person, you can still use this form. Just set up a user group for that person.
4. On the DEFINITY commands table, in the column corresponding to the user group that you want to create, check off the DEFINITY commands you want that user group to be able to perform.
5. Repeat this process for each user group (or individual) on each switch that DNA supports.
6. Give the completed forms to the person who will set up permissions on DNA.



### NOTE:

If you give someone permission to execute a command that is at a lower level than a parent command (for example, "station" is at a lower level than "add") that has already been assigned to other users, you will also have to explicitly assign everyone else (that you want to have permission to that command) permission to the command. This is a tricky concept that you *must* understand before planning or setting up permissions. For a more detailed explanation, see "Planning Permissions" in the Installation Planning Guide.

You can obtain additional copies of these addenda from your DNA software CD-ROM or the following website:  
<http://www.lucent.com/enterprise/documentation/555/233601a4.pdf>

Location: \_\_\_\_\_

Switch: \_\_\_\_\_

# Device Permissions Worksheet

User Group #1: DNA Administrators

User Group #2: Device Administrators

User Group #3: Device Browsers

User Group #4:

User Group #5:

User Group #6:

User Group #7:

User Group #8:

User Group #9:

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**User Group #10:**


**User Group #11:**


**User Group #12:**


**User Group #13:**


**User Group #14:**


**User Group #15:**


**User Group #16:**


**User Group #17:**


**User Group #18:**


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Location: \_\_\_\_\_

Switch: \_\_\_\_\_

# Device Permissions Worksheet

DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
root	X	X																
add																		
abbreviated-dialing																		
7103A-buttons																		
enhanced																		
group																		
system																		
access-endpoint																		
administered-connection																		
agent-loginID																		
atm pnc																		
atm trunk-board																		
attendant																		
bcms-vustats loginIDs																		
best-service-routing																		
bri-trunk-board																		
cabinet																		
conference																		
conference override																		
coverage																		
answer-group																		
path																		
time-of-day																		
data module																		
dsl																		
eda-external-device-alm																		
fiber-link																		
group-page																		
hunt-group																		
intercom-group																		
intra-switch-cdr																		
ip-route																		
login																		
masi																		
terminal																		
trunk-group																		
mcu-extension																		
modem-pool																		
personal-CO-line																		
pgate																		
pickup-group																		
pri-endpoint																		
radio-controller																		
second-digit																		

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DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
add (continued)																		
signaling-group																		
station																		
term-ext-group																		
test-schedule																		
trunk-group																		
vdn																		
vrt																		
backup disk																		
busyout																		
access-endpoint																		
board																		
cau																		
cdr-link																		
primary																		
secondary																		
data-module																		
disk																		
dsl-facility																		
fiber-link																		
host-adapter																		
journal-printer																		
pms-log																		
wakeup-log																		
link																		
mis																		
modem-pool																		
pms-link																		
pnc-standby																		
port																		
pri-endpoint																		
sp-link																		
station																		
tape																		
tdm																		
tone-clock																		
trunk																		
wfb																		
cancel hardware-group																		
change																		
aar																		
analysis																		
digit-conversion																		

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Location: \_\_\_\_\_

Switch: \_\_\_\_\_

# Device Permissions Worksheet

DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
change (continued)																		
abbreviated-dialing																		
7103A-buttons																		
enhanced																		
group																		
personal																		
system																		
access-endpoint																		
adjunct-names																		
administered-connection																		
agent-loginID																		
alias station																		
alphanumeric-dial-table																		
alternate-frl																		
announcements																		
ars																		
analysis																		
digit-conversion																		
toll																		
atm																		
pnc																		
pnc-pairs																		
trunk-board																		
attendant																		
authorization-code																		
bcms-vustats loginIDs																		
best-service-routing																		
bri-trunk-board																		
bulletin-board																		
cabinet																		
call-screening																		
cama-numbering																		
carrier-frequencies																		
circuit-packs																		
communication-interface																		
hop-channels																		
links																		
processor-channels																		
conference																		
console-parameters																		
cor																		
cos																		

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DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
change (continued)																		
coverage																		
answer-group																		
path																		
remote																		
time-of-day																		
data-module																		
daylight-savings-rules																		
dialplan																		
digit-absorption																		
display-messages																		
ad-programming																		
auto-wakeup-dn-dst																		
call-identifiers																		
date-time																		
leave-word-calling																		
malicious-call-trace																		
miscellaneous-features																		
property-management																		
self-administration																		
softkey-labels																		
time-of-day-routing																		
transfer																		
view-buttons																		
vustats																		
ds1																		
eda-external-device-alm																		
enp-number-plan																		
extended-pickup-group																		
feature-access-codes																		
fiber-link																		
group-page																		
hunt-group																		
integ-annc-brd-loc																		
intercom-group																		
intra-switch-cdr																		
ip-interfaces																		
ip-parameters																		
ip-route																		
isdn																		
mwi-prefixes																		
network-facilities																		
private-numbering																		
public-unknown-numbering																		

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Location: \_\_\_\_\_

Switch: \_\_\_\_\_

# Device Permissions Worksheet

DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
change (continued)																		
isdn (continued)																		
tsc-gateway																		
ixc-codes																		
listed-directory-numbers																		
locations																		
login																		
masi																		
path-parameters																		
terminal																		
trunk-group																		
mct-group-extensions																		
mcu-extension																		
meas-selection																		
coverage																		
principal																		
route-pattern																		
trunk-group																		
wideband-trunk-group																		
modem-pool																		
mst																		
music-sources																		
node-names																		
node-routing																		
paging																		
code-calling-ids																		
loudspeaker																		
partition-route-table																		
password																		
permissions																		
personal-CO-line																		
pgate																		
pickup-group																		
pri-endpoint																		
radio-controller																		
reason-code-names																		
remote-access																		
report-scheduler																		
rhnpa																		
route-pattern																		
second-digit																		
signaling-group																		
sit-treatment																		
site-data																		

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DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
change (continued)																		
station																		
synchronization																		
system-parameters																		
atm																		
cdr																		
country-options																		
coverage-forwarding																		
crisis-alert																		
customer-options																		
duplication																		
features																		
hospitality																		
maintenance																		
mode-code																		
multifrequency-signaling																		
ocm-call-classification																		
security																		
special-applications																		
wireless																		
telecommuting access																		
tenant																		
term-ext-group																		
terminal parameters																		
603/302B1																		
6400																		
8400																		
test-schedule																		
time-of-day																		
toll																		
trunk-group																		
udp																		
vdn																		
vector																		
video-processors																		
vrt																		
vustats-display-format																		
clear																		
amw																		
all																		
asai																		
audix																		
msa																		
pms																		

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# Device Permissions Worksheet

DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
clear																		
audits																		
peak-hour																		
cumulative																		
errors																		
firmware-counters																		
hardware-group																		
isdn-testcall																		
link																		
measurements																		
dsl																		
dsl-facility																		
occupancy																		
security-violations																		
mst																		
pgate-port																		
pkt																		
port																		
configure tape																		
control conference																		
copy																		
announcements																		
bootimage																		
coredump																		
update-file																		
disable																		
administered-connection																		
all																		
login																		
MO																		
MO-all																		
mst																		
remote-access																		
syspend-alm-orig																		
synchronization-switch																		
test-number																		
wt-upgrade																		
display																		
aar																		
analysis																		
digit-conversion																		
abbreviated-dialing																		
7103A-buttons																		
enhanced																		

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DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
display (continued)																		
abbreviated-dialing (continued)																		
group																		
personal																		
system																		
access-endpoint																		
adjunct-names																		
administered-connection																		
agent-loginID																		
alarms																		
alias station																		
alphanumeric-dial-table																		
alternate-frl																		
announcements																		
ars																		
analysis																		
digit-conversion																		
toll																		
atm																		
pnc																		
pnc-pairs																		
ports																		
trunk-board																		
attendant																		
authorization-code																		
available-ports																		
2B																		
128K																		
192K																		
256K																		
320K																		
384K																		
512K																		
768K																		
1472K																		
1536K																		
1920K																		
b112/128K																		
b168/192K																		
b224/256K																		
b280/320K																		
b336/384K																		
b448/512K																		
b672/768K																		

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# Device Permissions Worksheet

DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
display (continued)																		
available-ports (continued)																		
t.120																		
ucc																		
bcms-vustats loginIDs																		
best-service-routing																		
bri-trunk-board																		
bulletin-board																		
button-location-aca																		
cabinet																		
call-screening																		
capacity																		
carrier-frequencies																		
circuit-packs																		
communication-interface																		
hop-channels																		
links																		
processor-channels																		
conference																		
console-parameters																		
cor																		
cos																		
coverage																		
answer-group																		
path																		
remote																		
sender-group																		
time-of-day																		
data-module																		
daylight-savings-rules																		
dialplan																		
digit-absorption																		
disabled-tests																		
ad-programming																		
auto-wakeup-dn-dst																		
call-identifiers																		
date-time																		
leave-word-calling																		
malicious-call-trace																		
miscellaneous-features																		
property-management																		
self-administration																		
softkey-labels																		
time-of-day-routing																		

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DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
display (continued)																		
disabled-tests																		
transfer																		
view-buttons																		
vustats																		
dsl																		
eda-external-device-alm																		
enp-number-plan																		
errors																		
events																		
extended-pickup-group																		
feature-access-codes																		
fiber-link																		
group-page																		
hunt-group																		
initcauses																		
integrated-annc-boards																		
intercom-group																		
internal-data																		
atd-pott																		
bconf-tab																		
bhist-tab																		
bept_rec																		
bri-port																		
callr																		
conf-tab																		
ext-map																		
mhh-bd																		
hmm-pt																		
isg-callr																		
isg-cnfr																		
masi																		
mmi-tab																		
s-tab																		
sta-port																		
susr_rec																		
trk-port																		
uid-map																		
vc-tab																		
intra-switch-cdr																		
ip-interfaces																		
ip-parameters																		
ip-routine																		

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# Device Permissions Worksheet

DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
display (continued)																		
isdn																		
mwi-prefixes																		
network-facilities																		
private-numbering																		
public-unknown-numbering																		
tsc-gateway																		
ixc-codes																		
listed-directory-numbers																		
locations																		
login																		
masi																		
path-parameters																		
terminal																		
trunk-group																		
mct-group-extensions																		
mct-extension																		
meas-selection																		
coverage																		
principal																		
route-pattern																		
trunk-group																		
wideband-trunk-group																		
memory-configuration																		
modem-pool																		
mst																		
music-sources																		
node-names																		
node-routing																		
paging																		
code-calling-ids																		
loudspeaker																		
partition-route-table																		
permissions																		
personal-CO-line																		
pgate																		
pickup-group																		
port																		
pri-endpoint																		
radio-controller																		
reason-code-names																		
remote-access																		
rhnpa																		
route-pattern																		

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DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
display (continued)																		
second-digit																		
signaling-group																		
sit-treatment																		
site-data																		
software																		
station																		
svn-button-location																		
synchronization																		
system-parameters																		
atm																		
cdr																		
country-options																		
coverage-forwarding																		
crisis-alert																		
customer-options																		
duplication																		
features																		
hospitality																		
maintenance																		
mode-code																		
multifrequency-signaling																		
ocm-call-classification																		
offer-options																		
security																		
special-applications																		
wireless																		
telecommuting-access																		
tenant																		
term-ext-group																		
terminal-parameters																		
603/302B1																		
6400																		
8400																		
test-schedule																		
time																		
time-of-day																		
toll																		
trunk-group																		
udp																		
vdn																		
vector																		
video-processors																		
virt																		

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# Device Permissions Worksheet

DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
display (continued)																		
vustats-display-format																		
download																		
firmware																		
translation																		
update-file																		
duplicate																		
access-endpoint																		
administered-connection																		
data-module																		
masi terminal																		
station																		
enable																		
administered-connection																		
all																		
login																		
MO																		
MO-all																		
mst																		
remote-access																		
save-translation																		
suspend-alm-orig																		
synchronization-switch																		
test-number																		
wt-update																		
erase announcements																		
format disk																		
get vector																		
list																		
aar																		
analysis																		
digit-conversion																		
route-chosen																		
abbreviated-dialing																		
group																		
personal																		
aca-parameters																		
access-endpoint																		
administered-connection																		
agent-loginID																		
announcements																		
ars																		
analysis																		
digit-conversion																		

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DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
list (continued)																		
ars (continued)																		
route-chosen																		
asg-history																		
atm pnc																		
authorization-code																		
bcms																		
agent																		
skill																		
split																		
summary																		
trunk																		
vdn																		
vustats loginIDs																		
best-service-routing																		
bridged-extensions																		
cabinet																		
call-forwarding																		
conference																		
configuration																		
all																		
atm																		
board																		
carrier																		
control																		
dsl																		
firmware-versions																		
port-network																		
radio-controller																		
software-versions																		
stations																		
trunks																		
wt-stations																		
cor																		
coverage																		
answer-group																		
path																		
time-of-day																		
data-module																		
disabled-MOs																		
do-not-disturb																		
group																		
station																		
eda-external-device-alm																		

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# Device Permissions Worksheet

DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
list (continued)																		
emergency																		
extended-pickup-group																		
extension-type																		
fiber-link																		
group-page																		
groups-of-extension																		
history																		
hunt-group																		
integrated-annc-boards																		
intercom-group																		
internal-data login																		
intra-switch-cdr																		
ip-route																		
isdn-testcall																		
logins																		
marked-ports																		
masi																		
terminal																		
trunk-group																		
tsc																		
mct-history																		
measurements																		
aca																		
atm board																		
atm latency-histogram																		
atm pnc-latency																		
atm setup-events																		
attendant																		
blockage																		
call-rate																		
call-summary																		
cbc-trunk-group																		
cell-traffic																		
clan																		
communications-links																		
coverage-path																		
ds1																		
ds1-facility																		
expansion-services																		
hunt-group																		
ip-signaling groups																		
lar-route-pattern																		
lightly-used-trunk																		

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DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
list (continued)																		
multimedia (continued)																		
load-balance																		
modem-pool																		
multimedia-interface																		
occupancy																		
outage-trunk																		
principal																		
route-pattern																		
security-violations																		
summary																		
tone-receiver																		
trunk-group																		
voice conditions																		
wideband-trunk-group																		
mcu-extension																		
members hunt-group																		
members trunk-group																		
mmi																		
modem-pool																		
monitored-station																		
mst																		
multimedia																		
endpoints																		
h.320-stations																		
ip-softphones																		
node-routing																		
partition-router-table																		
partitioned-group																		
performance																		
attendant																		
hunt-group																		
summary																		
trunk-group																		
personal-CO-line																		
pgate																		
pickup-group																		
pms-down																		
pri-endpoint																		
report-scheduler																		
route-pattern																		
set-data																		
signaling-group																		
station																		

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# Device Permissions Worksheet

DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
list (continued)																		
suspend-alm-orig																		
sys-link																		
term-ext-group																		
test-schedule																		
testcalls																		
detail																		
summary																		
toll																		
all																		
restricted-call																		
toll-list																		
unrestricted-call																		
trace																		
advocate																		
ewt																		
previous																		
vdn																		
vector																		
trunk-group																		
udp																		
unstaffed-agents																		
usage																		
button-type																		
extension																		
hunt-group																		
vector																		
vdn																		
vector																		
video-processors																		
vrt																		
vustats-display-format																		
wakeup																		
incomplete																		
requests																		
station																		
load translation																		
mark port																		
monitor																		
bcms																		
skill																		
split																		
system																		
vdn																		

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DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
monitor (continued)																		
conference																		
health																		
security-violation																		
authorization-code																		
login																		
remote-access																		
station-security-codes																		
system																		
conn																		
scr																		
view1																		
view2																		
traffic																		
hunt-groups																		
trunk-groups																		
trunk																		
recycle carrier																		
refresh spe-standby																		
release																		
access-endpoint																		
board																		
cau																		
cdr-link																		
primary																		
secondary																		
data-module																		
disk																		
ds1-facility																		
fiber-link																		
host-adapter																		
journal-printer																		
pms-log																		
wakeup-log																		
link																		
mis																		
modem-pool																		
pms-link																		
pnc-standby																		
port																		
pri-endpoint																		
sp-link																		
station																		
tape																		

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# Device Permissions Worksheet

DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
release (continued)																		
tdm																		
tone-clock																		
trunk																		
wfb																		
remove																		
abbreviated-dialing																		
7103A-buttons																		
enhanced																		
group																		
system																		
access-endpoint																		
administered-connection																		
agent-loginID																		
atm pnc																		
atm trunk-board																		
attendant																		
best-service-routing																		
bri-trunk-board																		
cabinet																		
conference																		
coverage																		
answer-group																		
path																		
time-of-day																		
data-module																		
ds1																		
eda-external-device-alm																		
fiber-link																		
group-page																		
hunt-group																		
intercom-group																		
ip-route																		
login																		
masi																		
terminal																		
trunk-group																		
mcu-extension																		
modem-pool																		
personal-CO-line																		
pgate																		
pickup-group																		
pri-endpoint																		
radio-controller																		

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DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
remove (continued)																		
report-scheduler																		
second-digit																		
signaling-group																		
station																		
term-ext-group																		
test-schedule																		
trunk-group																		
update-file																		
vdn																		
vrt																		
reset																		
board																		
disk																		
esm																		
fiber-link																		
host-adapter																		
maintenance																		
packet-interface																		
pnc																		
port																		
port-network																		
system																		
tape																		
restore																		
announcements																		
disk																		
resume hardware-group																		
save																		
announcements																		
translation																		
set																		
options																		
pnc																		
secret-key																		
signaling-group																		
switch-node-clock																		
synchronization																		
tdm																		
time																		
tone-clock																		
vector																		
status																		
access-endpoint																		

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# Device Permissions Worksheet

DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
status (continued)																		
administered-connection																		
all-conference																		
attendant																		
audits																		
cumulative																		
peak-hour																		
bri-port																		
cabinet																		
cdr-link																		
cleared-alarm-notif																		
conference																		
data-module																		
hardware-group																		
health																		
isdn-testcall																		
journal-link																		
pms-log																		
wakeup-link																		
link																		
logins																		
masi																		
terminal																		
trunk-group																		
mst																		
packet-interface																		
periodic-scheduled																		
pgate-port																		
pms-link																		
pri-endpoint																		
pnc																		
port-network																		
processor-channels																		
radio-controller																		
remote-access																		
signaling-group																		
spe																		
sp-link																		
station																		
switch-node																		
synchronization																		
sys-link																		

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DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
status (continued)																		
system																		
1st-cabinet																		
2nd-cabinet																		
3rd-cabinet																		
all-cabinets																		
to-conference																		
trunk																		
tsc-administered																		
tti																		
wt-upgrade																		
ww-conference																		
test																		
access-endpoint																		
alarms																		
analog-testcall																		
trunk																		
port																		
board																		
board																		
cau																		
cdr-link																		
primary																		
secondary																		
customer-alarm																		
data-module																		
disk																		
dsl-facility																		
dsl-loop																		
eda-external-device-alm																		
environment																		
fiber-link																		
hardware-group																		
board																		
cabinet																		
carrier																		
pnc																		
port-network																		
spe																		
system																		
host-adapter																		
inads-link																		
isdn-testcall																		

You can obtain additional copies of these addenda from your DNA software CD-ROM or the following website:  
<http://www.lucent.com/enterprise/documentation/555/233601a4.pdf>

Location: \_\_\_\_\_

Switch: \_\_\_\_\_

# Device Permissions Worksheet

DEFINITY Command Folder	User Group Number (see page 17 of this form)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
test (continued)																		
journal-printer																		
pms-log																		
wakeup-log																		
led																		
link																		
maintenance																		
mass-storage																		
memory																		
MO																		

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## Introduction

To access the switches and voice mail systems that you are administering using DNA, you will use the DNA Navigator window. The DNA Navigator window uses a tree-like directory structure to display the devices you can administer. You can open the folders in the tree and click on objects in the folder to access different devices.

## Purpose of this worksheet

As part of planning, you should decide:

- what to call the folders that appear in the window
- how you want to organize them
- which objects (devices and button label printer services) go in each folder
- who you want to be able to access each folder (that is, have *read* permission) and change each folder (that is, have *read/write* permission).

## Do this

1. If you have more folders, more users, or more user groups than you can list on this form, photocopy this form as many times as you need before proceeding.

The form has space for 30 folders/sub-folders/objects and 6 accounts.

2. Down the left column, list the folders you want, list any folders that go inside folders, and list which devices or button label printer services should go in each folder.

Some companies create folders for different geographical locations and then put devices (switches, voice mail systems, and so on) within them. Other companies create folders for different kinds of devices (G3r; AUDIX, and so on). In the same way, for button label printer services, you may want to put each one in the appropriate location folder, or create a special folder for all of your button label printer services.

3. Across the top, list the accounts (individuals or user groups) that will use DNA.
4. On folder rows only, in each cell, indicate whether you want the given individual or group to have *read-only* or *read/write* permissions to the folder.

You cannot assign permissions for an object from the DNA Navigator. Therefore, for the rows that correlate to a device or a button label printer service, do not indicate *read* or *read/write* permissions.

5. Give the completed form to the person who will set up permissions on DNA.

### ⇒ NOTE:

If you give someone permission to a sub-folder when the parent folder already has permissions assigned to other users, you will also have to explicitly assign those “other users” (or whomever you want to have permission to that sub-folder) permission to the sub-folder. This is a tricky concept that you *must* understand before planning or setting up permissions. For a more detailed explanation, see “Planning Permissions” in the Installation Planning Guide.





## Introduction

In addition to planning device permissions and folder permissions, you need to decide how to set up services permissions before the installation. Services permissions include:

- access to DNA Administration windows  
This enables the user to add devices or button label printer services to the DNA Navigator, create user groups, create DNA user logins, change permissions, and so on.
- access to Call Accounting windows  
This enables the user to extract data from the switch and send it to a shared file that a third-party call accounting software package can use.
- ability to shut down DNA  
This enables the user to terminate the operation of DNA server software everywhere it is installed. Shutting down DNA prevents anyone from logging into a DNA client, halts all administration through DNA, and halts all pending administration tasks that have been scheduled using DNA.
- ability to view all scheduled tasks  
Without this permission, DNA users can view only the tasks that they scheduled. Granting this permission enables the user to view tasks that other users have scheduled.
- ability to change all scheduled tasks  
Without this permission, DNA users can change only the tasks that they scheduled. Granting this permission enables the user to change tasks that other users have scheduled.
- ability to view other administrators' history logs.  
The history log contains a detailed list of the user's actions and whether these actions succeeded or failed. Without this permission, an administrator cannot view other administrators' history logs.

## Purpose of this worksheet

This worksheet will help you decide which accounts can do which of the above activities. You can then give this information to the person who will be setting up permissions on DNA.

## Do this

1. Down the left column, list your user accounts.
2. In each cell, indicate whether you want the given individual or group to have the permission shown on the right.

