

# UNIVERSITY OF LONDON COMPUTER CENTRE

## DANTE NameFLOW-Paradise Directory Service

### Deliverable M1

### Monthly Report January 1998

#### ACTIVITY REPORT

##### 1. OPERATIONS/HELPDESK

The NameFLOW-Paradise Directory services ran satisfactorily during January, with no significant outages.

The following operational activities are noted:

- The presentationAddress of the FLDSA cn=Sloth (c=JP) was changed at the request of the country manager.
- NEXOR supplied a new one-year license for the MDSA running the NP-93 root context, as the previous license was due to expire at the end of the month. The new license was installed.

No major problems to report on the Helpdesk service. A summary of the Helpdesk tickets is attached in the Appendices.

##### 2. OUTAGES

There were no significant outages this month.

##### 3. ISSUES

Management of the FLDSA for Belgium/c=BE is going to be taken over by BELNET, the Belgian NRN. It is not yet known if that transition will involve a migration to an X.500(93) implementation, as mentioned in Issues in the November 1997 report.

##### 4. STATISTICS

Summaries of the service statistics are attached in the Appendices. Full statistics and world-root DSA hourly operations figures are available on the NameFLOW-Paradise info-server, under:

- <gopher://gopher.nameflow.dante.net/11/NameFLOW/statistics/>
- <ftp://ftp.nameflow.dante.net/NameFLOW/statistics/>

On the info-server, the individual statistics files for this month are:

- <helpdesk/tickets.Jan98>
- <DSA/stats.Giant-Tortoise.Jan98>
- <ldap/usage.Jan98>

- [DUA/usage.Jan98](#)
- [ftp/xferstats.Jan98](#)
- [gopher/usage.Jan98](#)
- [DSA/operations/ops-hourly.Giant-Tortoise.Jan98](#)
- [DSA/operations/ops-summary.Giant-Tortoise.Jan98](#)

## 5. APPENDICES

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### APPENDIX 1 - Helpdesk ticket list for January 1998

NameFLOW-Paradise Helpdesk queries for : January 1998

```
-----
Reference      Status  Keywords
-----
980112.01     done    US Request addition to (OSI-DS =>) FORUM mailing list
980122.01     done    BE Notify change of contact in Belgium
980126.01     done    IL Request up-to-date presentation address of root DSA
980127.01     done    JP Notify change of presentation address for c=JP FLDSA
```

Notes

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RFI is an abbreviation for "Request for information".

### APPENDIX 2 - World Root DSA and LDAP summary statistics for January 1998

#### Summary of calls to DSA Giant Tortoise

From 0:20:44 on 31 dec to 23:47:17 on 30 jan

No. of binds	local	remote
Anonymous	0	32
Unauth name DAP	0	0
Unauth name DSP	0	2533
Simple	492	0
Protected	0	0

No. of operations		
Reads	7	170
Compares	0	0
Lists	1	21
Searches	3	362
Modifies	0	0
ModifyRDNs	0	0
Adds	1	0
GetEDBs		0 ( + 33129 slices)

System usage (calls received)

Binds by Directory technicians	492
Reads of DSA entries	85
Other ops on DSA entries	1
Getedb operations	0 ( + 33129 slices)
Spot shadows	78

## LDAP usage

LDAP usage from Jan 1 1998 to Jan 31 1998

Connections:	30184
Total connect time:	673602 seconds (187 hrs 6 mins 42 secs)

Connections by domain

Domain	Connections
uk	28559
unresolved	507
com	299
net	188
others	631
Total	30184

---

## APPENDIX 3 - Public DUA/Telnet summary statistics for January 1998

### Attempted DUA usage

Calls to the Directory Service - January 1998

Notes:

Calls from PSS do not log the username so dua is assumed. Since the public-access DUA was withdrawn in February 1996, these figures measure attempted rather than actual use.

	PSS	Internet	Total
	---	-----	-----
dua	0	343	343
de	-	13	13
testdua	-	0	0
			-----
			356
			-----

## TELNET connections

Telnet connections and DUA logins from Jan 1 1998 to Jan 31 1998

Note: Each connection does not necessarily correspond to a login, either as a Directory Enquiries user, or as any other user

Connections: 1308 Logins: 356

Connections by domain

Logins by domain

Domain	Connections	Domain	Logins
-----	-----	-----	-----
unresolved	399	edu	108
edu	314	unresolved	59
net	106	dz	32
dz	99	com	31
com	92	net	26
de	89	de	24
uk	47	uk	22
us	27	ca	13
ca	18	nl	11
nl = ch	16	us	4
-----	-----	-----	-----
Total	1223	Total	330

---

## APPENDIX 4 - FTP/Gopher info-server summary statistics for January 1998

### FTP server

TOTALS FOR SUMMARY PERIOD Sat Jan 3 1998 TO Sat Jan 31 1998

Files Transmitted During Summary Period	117
Bytes Transmitted During Summary Period	35538932
Systems Using Archives	0

Average Files Transmitted Daily	5
Average Bytes Transmitted Daily	1615406

**Gopher server**

Gopher usage from Tue Jan 6 1998 to Sun Jan 18 1998

Total connections:	5
Total files retrieved:	16

# UNIVERSITY OF LONDON COMPUTER CENTRE

## DANTE NameFLOW-Paradise Directory Service

### Deliverable M2

### Monthly Report February 1998

#### ACTIVITY REPORT

##### 1. OPERATIONS/HELPDESK

The NameFLOW-Paradise Directory services ran satisfactorily during February, with no significant outages.

There were no significant operational changes this month.

No major problems to report on the Helpdesk service. A summary of the Helpdesk tickets is attached in the Appendices.

##### 2. OUTAGES

There were no significant outages this month.

##### 3. ISSUES

Information received, indirectly, from NEXOR states that their X.500 product MDSA will not be Year-2000 compliant until version 3.0, which is expected to be released later this year. The earlier XT-Quipu product is not compliant.

##### 4. STATISTICS

Summaries of the service statistics are attached in the Appendices. Full statistics and world-root DSA hourly operations figures are available on the NameFLOW-Paradise info-server, under:

- <gopher://gopher.nameflow.dante.net/11/NameFLOW/statistics/>
- <ftp://ftp.nameflow.dante.net/NameFLOW/statistics/>

On the info-server, the individual statistics files for this month are:

- <helpdesk/tickets.Feb98>
- <DSA/stats.Giant-Tortoise.Feb98>
- <ldap/usage.Feb98>
- <DUA/usage.Feb98>
- <ftp/xferstats.Feb98>
- <gopher/usage.Feb98>
- <DSA/operations/ops-hourly.Giant-Tortoise.Feb98>
- <DSA/operations/ops-summary.Giant-Tortoise.Feb98>

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### APPENDIX 1 - Helpdesk ticket list for February 1998

NameFLOW-Paradise Helpdesk queries for : February 1998

```
-----  
Reference      Status  Keywords  
-----  
980203.01     done    IL Help with Quipu replication  
980203.02     done    NO Request addition to (OSI-DS =>) FORUM mailing list  
980203.03     pend    CN Request for help  
980213.01     done    US Query network availability of GB telephone directory  
980222.01     done    CA Request addition to FORUM mailing list  
980223.01     done    FR Request addition to (OSI-DS =>) FORUM mailing list
```

Notes

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980203.03 : awaiting clarification of request.

RFI is an abbreviation for "Request for information".

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### APPENDIX 2 - World Root DSA and LDAP summary statistics for February 1998

#### Summary of calls to DSA Giant Tortoise

From 0:17:10 on 31 jan to 0:04:05 on 28 feb

No. of binds	local	remote
Anonymous	0	18
Unauth name DAP	0	0
Unauth name DSP	0	2076
Simple	505	0
Protected	0	0

No. of operations

Reads	2	238
Compares	0	0
Lists	0	5
Searches	2	228
Modifies	0	0
ModifyRDNs	0	0
Adds	0	0
GetEDBs		0 ( + 30762 slices)

System usage (calls received)

Binds by Directory technicians	505
Reads of DSA entries	75
Other ops on DSA entries	1
Getedb operations	0 ( + 30762 slices)
Spot shadows	43

## LDAP usage

LDAP usage from Feb 1 1998 to Feb 28 1998

Connections:	37982
Total connect time:	689516 seconds (191 hrs 31 mins 56 secs)

Connections by domain

Domain	Connections
uk	35449
au	815
unresolved	349
com	277
others	1092
Total	37982

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## APPENDIX 3 - Public DUA/Telnet summary statistics for February 1998

### Attempted DUA usage

Calls to the Directory Service - February 1998

Notes:

Calls from PSS do not log the username so dua is assumed. Since the public-access DUA was withdrawn in February 1996, these figures measure attempted rather than actual use.

PSS	Internet	Total
---	-----	-----



```

dua          0          304          304
de           -           11           11
testdua     -            0            0
           -----
           315
           -----

```

## TELNET connections

Telnet connections and DUA logins from Feb 1 1998 to Feb 28 1998

Note: Each connection does not necessarily correspond to a login, either as a Directory Enquiries user, or as any other user

```

Connections:          1314          Logins:          315

```

Top ten connections by domain

Top ten DUA logins by domain

Domain	Connections	Domain	Logins
-----	-----	-----	-----
unresolved	437	edu	105
edu	309	unresolved	46
com	95	com	30
net	91	net	26
dz	77	uk	17
de	76	dz	16
uk	67	de	16
ca	28	ca	11
us	24	se	6
at	13	us = pl = jp	4
-----	-----	-----	-----
Total	1217	Total	285

---

## APPENDIX 4 - FTP/Gopher info-server summary statistics for February 1998

### FTP server

TOTALS FOR SUMMARY PERIOD Sun Feb 1 1998 TO Sat Feb 28 1998

```

Files Transmitted During Summary Period          259
Bytes Transmitted During Summary Period        70081205
Systems Using Archives                          0

Average Files Transmitted Daily                 10
Average Bytes Transmitted Daily                2695431

```

**Gopher server**

Gopher usage from Sat Feb 7 1998 to Fri Feb 13 1998

Total connections: 1  
Total files retrieved: 16

# UNIVERSITY OF LONDON COMPUTER CENTRE

## DANTE NameFLOW-Paradise Directory Service

### Deliverable M3

### Monthly Report March 1998

## ACTIVITY REPORT

### 1. OPERATIONS/HELPDESK

The NameFLOW-Paradise Directory services ran satisfactorily during March, with one major outage outside prime-time.

There were no significant operational changes this month.

No major problems to report on the Helpdesk service. A summary of the Helpdesk tickets is attached in the Appendices.

### 2. OUTAGES

Mon March 23 03:19 - 06:11 (2hrs 52mins)

UKERNA DSAs supporting LDAP server unavailable, stuck processes; automatically restarted; outage may have hit DANTE's WWW/X.500 gateway

### 3. ISSUES

The FLDSA "cn=Pied Tamarin", and the 2LDSAs "c=US@cn=Bare-face Tamarin" and "c=US@cn=Red-Faced Tamarin", will be shut down at the start of April, following the termination of InterNIC Directory and Database Services. Advance notice of this change was given in the December report.

### 4. STATISTICS

Summaries of the service statistics are attached in the Appendices. Full statistics and world-root DSA hourly operations figures are available on the NameFLOW-Paradise info-server, under:

- <gopher://gopher.nameflow.dante.net/11/NameFLOW/statistics/>
- <ftp://ftp.nameflow.dante.net/NameFLOW/statistics/>

On the info-server, the individual statistics files for this month are:

- <helpdesk/tickets.Mar98>
- <DSA/stats.Giant-Tortoise.Mar98>
- <ldap/usage.Mar98>
- <DUA/usage.Mar98>

- [ftp/xferstats.Mar98](#)
- [gopher/usage.Mar98](#)
- [DSA/operations/ops-hourly.Giant-Tortoise.Mar98](#)
- [DSA/operations/ops-summary.Giant-Tortoise.Mar98](#)

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2. [DSA/LDAP summary statistics for this month.](#)
3. [DUA/Telnet summary statistics for this month.](#)
4. [FTP/Gopher info-server summary statistics for this month.](#)

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## APPENDIX 1 - Helpdesk ticket list for March 1998

NameFLOW-Paradise Helpdesk queries for : March 1998

Reference	Status	Keywords
980306.01	done	CA Request addition to (OSI-DS =>) FORUM mailing list
980309.01	done	GB Request addition to FORUM mailing list
980310.01	done	FI Request addition to FORUM mailing list
980310.02	done	DK Request addition to FORUM mailing list
980310.03	done	DE Request addition to FORUM mailing list
980310.04	done	GB Request addition to FORUM mailing list
980312.01	done	JP Request removal from FORUM mailing list
980312.02	done	AR Help with finding an e-mail address in BE
980312.03	done	ES Request addition to MANAGERS mailing list
980312.04	done	ES Request addition to (OSI-DS =>) FORUM mailing list
980312.05	done	ES Help with DISP replication of naming contexts
980313.01	done	AU Request removal from FORUM mailing list
980313.02	done	ES Request addition to (OSI-DS =>) FORUM mailing list
980313.03	done	CA Request addition to FORUM mailing list
980313.04	done	CA Request addition to MANAGERS mailing list
980314.01	done	HK Request addition to FORUM mailing list
980315.01	done	CN Request addition to FORUM mailing list
980315.02	done	CN Request addition to MANAGERS mailing list
980316.01	done	CH Request addition to FORUM mailing list
980319.01	done	US Request removal from FORUM mailing list
980324.01	done	NL Request removal from FORUM mailing list
980324.02	done	NL Request removal from MANAGERS mailing list
980326.01	done	NL Request addition to FORUM mailing list
980330.01	done	IE Request removal from FORUM mailing list
980330.02	done	GB Request removal from FORUM mailing list

Notes

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RFI is an abbreviation for "Request for information".

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## APPENDIX 2 - World Root DSA and LDAP summary statistics for March 1998

### Summary of calls to DSA Giant Tortoise

From 0:06:11 on 28 feb to 23:47:55 on 30 mar

No. of binds	local	remote
Anonymous	0	6
Unauth name DAP	0	0
Unauth name DSP	0	2474
Simple	473	5
Protected	0	0
No. of operations		
Reads	2	136
Compares	0	0
Lists	0	2
Searches	0	266
Modifies	0	7
ModifyRDNs	0	0
Adds	0	0
GetEDBs		0 ( + 35010 slices)

### System usage (calls received)

Binds by Directory technicians	473
Reads of DSA entries	88
Other ops on DSA entries	1
Getedb operations	0 ( + 35010 slices)
Spot shadows	32

### LDAP usage

LDAP usage from Mar 1 1998 to Mar 31 1998

Connections:	36514
Total connect time:	519163 seconds (144 hrs 12 mins 43 secs)

### Connections by domain

Domain	Connections
--------	-------------

uk	34729
unresolved	601
com	229
net	215
others	740
-----	
Total	36514

## APPENDIX 3 - Public DUA/Telnet summary statistics for March 1998

### Attempted DUA usage

Calls to the Directory Service - March 1998

Notes:

Calls from PSS do not log the username so dua is assumed. Since the public-access DUA was withdrawn in February 1996, these figures measure attempted rather than actual use.

	PSS	Internet	Total
	---	-----	-----
dua	7	281	288
de	-	18	18
testdua	-	0	0
			-----
			306
			-----

### TELNET connections

Telnet connections and DUA logins from Mar 1 1998 to Mar 31 1998

Note: Each connection does not necessarily correspond to a login, either as a Directory Enquiries user, or as any other user

Connections: 1372                      Logins: 299

Top ten connections by domain

Top ten DUA logins by domain

Domain	Connections
-----	-----
unresolved	454
edu	336
net	105
de	97

Domain	Logins
-----	-----
edu	87
unresolved	56
com	28
uk	26

com	79	net	26
uk	74	de	17
dz	38	us	7
us	31	ch	7
ch	25	ca	7
au	23	at	6
-----		-----	
Total	1262	Total	267

---

## APPENDIX 4 - FTP/Gopher info-server summary statistics for March 1998

### FTP server

TOTALS FOR SUMMARY PERIOD Sun Mar 1 1998 TO Tue Mar 31 1998

Files Transmitted During Summary Period	162
Bytes Transmitted During Summary Period	55900678
Systems Using Archives	0
Average Files Transmitted Daily	7
Average Bytes Transmitted Daily	2329195

### Gopher server

Gopher usage from Fri Mar 6 1998 to Thu Mar 26 1998

Total connections:	5
Total files retrieved:	3

# UNIVERSITY OF LONDON COMPUTER CENTRE

## DANTE NameFLOW-Paradise Directory Service

### Deliverable M4

### Monthly Report April 1998

## ACTIVITY REPORT

### 1. OPERATIONS/HELPDESK

The NameFLOW-Paradise Directory services ran satisfactorily during April, with no significant outages.

The following operational activities are noted:

- As previously announced, the FLDSA "cn=Pied Tamarin" was shut down, and its entry was removed from the top level of the DIT.
- The North Atlantic Treaty Organisation has ceased X.500 operations. Accordingly, and at their request, the top-level organisation o=NATO and its associated FLDSA cn=NATO.dsa have been removed from the DIT.

No major problems to report on the Helpdesk service. A summary of the Helpdesk tickets is attached in the Appendices.

### 2. OUTAGES

There were no significant outages this month.

### 3. ISSUES

We have no issues to raise this month.

### 4. STATISTICS

Summaries of the service statistics are attached in the Appendices. Full statistics and world-root DSA hourly operations figures are available on the NameFLOW-Paradise info-server, under:

- <gopher://gopher.nameflow.dante.net/11/NameFLOW/statistics/>
- <ftp://ftp.nameflow.dante.net/NameFLOW/statistics/>

On the info-server, the individual statistics files for this month are:

- <helpdesk/tickets.Apr98>
- <DSA/stats.Giant-Tortoise.Apr98>



- [ldap/usage.Apr98](#)
- [DUA/usage.Apr98](#)
- [ftp/xferstats.Apr98](#)
- [gopher/usage.Apr98](#)
- [DSA/operations/ops-hourly.Giant-Tortoise.Apr98](#)
- [DSA/operations/ops-summary.Giant-Tortoise.Apr98](#)

## 5. APPENDICES

1. [Helpdesk ticket list for this month.](#)
2. [DSA/LDAP summary statistics for this month.](#)
3. [DUA/Telnet summary statistics for this month.](#)
4. [FTP/Gopher info-server summary statistics for this month.](#)

## APPENDIX 1 - Helpdesk ticket list for April 1998

NameFLOW-Paradise Helpdesk queries for : April 1998

```

-----
Reference      Status  Keywords
-----
980401.01     done   NL Request removal of o=NATO and associated FLDSA
980403.01     done   NL Request addition to MANAGERS mailing list
980403.02     done   FR Request addition to FORUM mailing list
980407.01     done   NL Request removal from MANAGERS mailing list
980408.01     done   DE Request addition to FORUM mailing list
980408.02     done   DE Request addition to MANAGERS mailing list
980415.01     done   ES Request addition to (OSI-DS =>) FORUM mailing list
980417.01     done   GR Request removal from FORUM mailing list
980423.01     done   GR Request addition to FORUM mailing list
980430.01     done   US Help with connecting an LDAP server to NameFLOW

```

Notes

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RFI is an abbreviation for "Request for information".

## APPENDIX 2 - World Root DSA and LDAP summary statistics for April 1998

### Summary of calls to DSA Giant Tortoise

From 0:08:54 on 31 mar to 23:53:43 on 29 apr

No. of binds	local	remote
Anonymous	0	24
Unauth name DAP	0	0
Unauth name DSP	0	2205
Simple	492	1
Protected	0	0
No. of operations		
Reads	3	308
Compares	0	0
Lists	0	5
Searches	6	178
Modifies	2	0
ModifyRDNs	0	0
Adds	0	1
GetEDBs		0 ( + 31846 slices)

#### System usage (calls received)

Binds by Directory technicians	492
Reads of DSA entries	35
Other ops on DSA entries	7
Getedb operations	0 ( + 31846 slices)
Spot shadows	266

### LDAP usage

LDAP usage from Apr 1 1998 to Apr 30 1998

Connections:	45360
Total connect time:	537690 seconds (149 hrs 21 mins 30 secs)

#### Connections by domain

Domain	Connections
uk	43328
unresolved	789
com	354
cl	312
others	577
Total	45360

## Attempted DUA usage

Calls to the Directory Service - April 1998

Notes:

Calls from PSS do not log the username so dua is assumed. Since the public-access DUA was withdrawn in February 1996, these figures measure attempted rather than actual use.

	PSS	Internet	Total
	---	-----	-----
dua	0	196	196
de	-	16	16
testdua	-	0	0
			-----
			212
			-----

## TELNET connections

Telnet connections and DUA logins from Apr 1 1998 to Apr 30 1998

Note: Each connection does not necessarily correspond to a login, either as a Directory Enquiries user, or as any other user

Connections: 1024 Logins: 212

Top ten connections by domain

Top ten DUA logins by domain

Domain	Connections
-----	-----
unresolved	388
edu	328
net	68
uk	61
com	61
de	17
us	14
fr	11
at	11
ca	10
-----	-----
Total	969

Domain	Logins
-----	-----
edu	69
unresolved	52
net	25
uk	22
com	18
de	4
us	3
ro	3
nl	3
at	3
-----	-----
Total	202

## FTP server

TOTALS FOR SUMMARY PERIOD Wed Apr 1 1998 TO Thu Apr 30 1998

Files Transmitted During Summary Period	239
Bytes Transmitted During Summary Period	40545250
Systems Using Archives	0
Average Files Transmitted Daily	9
Average Bytes Transmitted Daily	1559433

## Gopher server

Gopher usage from Wed Apr 8 1998 to Wed Apr 29 1998

Total connections:	2
Total files retrieved:	5

# UNIVERSITY OF LONDON COMPUTER CENTRE

## DANTE NameFLOW-Paradise Directory Service

### Deliverable M5

### Monthly Report May 1998

#### ACTIVITY REPORT

##### 1. OPERATIONS/HELPDESK

The NameFLOW-Paradise Directory services ran satisfactorily during May, with one outage during prime-time.

The following operational activities are noted:

- The presentation address of the FLDSA cn=Ocelot (c=PL) was changed by the country manager. The change propagated automatically, but the helpdesk was asked to confirm that this worked correctly.
- Helpdesk staff attended the NameFLOW LDAP Pilot meeting held this month.

No major problems to report on the Helpdesk service. A summary of the Helpdesk tickets is attached in the Appendices.

##### 2. OUTAGES

Thu May 14 14:00 - 14:37 (37mins)

DSA Giant Tortoise unavailable, stuck Quipu process; manually restarted

##### 3. ISSUES

There is a question mark on the status of X.500 in c=KR. The registered country manager is no longer in post, and the FLDSA appears not to be running. Someone at another establishment wishes to take over as country manager.

##### 4. STATISTICS

Summaries of the service statistics are attached in the Appendices. Full statistics and world-root DSA hourly operations figures are available on the NameFLOW-Paradise info-server, under:

- <gopher://gopher.nameflow.dante.net/11/NameFLOW/statistics/>
- <ftp://ftp.nameflow.dante.net/NameFLOW/statistics/>

On the info-server, the individual statistics files for this month are:

- <helpdesk/tickets.May98>
- <DSA/stats.Giant-Tortoise.May98>
- <ldap/usage.May98>

- [DUA/usage.May98](#)
- [ftp/xferstats.May98](#)
- [gopher/usage.May98](#)
- [DSA/operations/ops-hourly.Giant-Tortoise.May98](#)
- [DSA/operations/ops-summary.Giant-Tortoise.May98](#)

## 5. APPENDICES

1. [Helpdesk ticket list for this month.](#)
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## APPENDIX 1 - Helpdesk ticket list for May 1998

NameFLOW-Paradise Helpdesk queries for : May 1998

```

-----
Reference      Status  Keywords
-----
980501.01     done   GB Request addition to FORUM mailing list
980501.02     done   GB Request addition to MANAGERS mailing list
980507.01     done   NL Request changes of address on mailing lists
980507.02     done   US Request addition to (OSI-DS =>) FORUM mailing list
980511.01     done   NO Request removal from FORUM mailing list
980511.02     done   GB Request addition to FORUM mailing list
980512.01     done   FR Request removal from FORUM mailing list
980518.01     done   DE Request removal from FORUM mailing list
980521.01     done   CL RFI about joining NameFLOW-Paradise
980527.01     done   PL Request check of change of FLDSA presentationAddress
980527.02     done   DE Request addition to (OSI-DS =>) FORUM mailing list
980527.03     done   DZ Help with public-access DUA

```

Notes

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RFI is an abbreviation for "Request for information".

## APPENDIX 2 - World Root DSA and LDAP summary statistics for May 1998

### Summary of calls to DSA Giant Tortoise

From 0:07:10 on 30 apr to 0:03:46 on 31 may

No. of binds	local	remote
Anonymous	0	21
Unauth name DAP	0	0
Unauth name DSP	0	2565
Simple	505	2
Protected	0	0

  

No. of operations	local	remote
Reads	2	355
Compares	0	0
Lists	0	8
Searches	0	82
Modifies	0	1
ModifyRDNs	0	0
Adds	0	0
GetEDBs		0 ( + 36978 slices)

  

System usage (calls received)

Binds by Directory technicians	505
Reads of DSA entries	9
Other ops on DSA entries	7
Getedb operations	0 ( + 36978 slices)
Spot shadows	342

## LDAP usage

LDAP usage from May 1 1998 to May 31 1998

Connections: 40528  
 Total connect time: 708006 seconds (196 hrs 40 mins 6 secs)

Connections by domain

Domain	Connections
uk	38858
unresolved	658
net	408
com	179
others	425
Total	40528

---

## APPENDIX 3 - Public DUA/Telnet summary statistics for May 1998

### Attempted DUA usage

## Calls to the Directory Service - May 1998

### Notes:

Calls from PSS do not log the username so dua is assumed. Since the public-access DUA was withdrawn in February 1996, these figures measure attempted rather than actual use.

	PSS	Internet	Total
	---	-----	-----
dua	0	159	159
de	-	13	13
testdua	-	0	0
			-----
			172
			-----

## TELNET connections

Telnet connections and DUA logins from May 1 1998 to May 31 1998

Note: Each connection does not necessarily correspond to a login, either as a Directory Enquiries user, or as any other user

Connections: 783 Logins: 172

Top ten connections by domain

Top ten DUA logins by domain

Domain	Connections	Domain	Logins
-----	-----	-----	-----
unresolved	269	unresolved	46
edu	210	edu	46
net	76	net	21
com	67	com	20
uk	54	uk	8
de	18	ca	8
ca	12	ve	3
us	9	se	3
se	6	de	3
ru	6	ro = pl = org	2
-----	-----	-----	-----
Total	727	Total	164

---

## APPENDIX 4 - FTP/Gopher info-server summary statistics for May 1998

### FTP server



TOTALS FOR SUMMARY PERIOD Fri May 1 1998 TO Sun May 31 1998

Files Transmitted During Summary Period	199
Bytes Transmitted During Summary Period	39801123
Systems Using Archives	0
Average Files Transmitted Daily	8
Average Bytes Transmitted Daily	1530812

**Gopher server**

Gopher usage from Wed May 20 1998 to Wed May 20 1998

Total connections:	0
Total files retrieved:	1

# UNIVERSITY OF LONDON COMPUTER CENTRE

## DANTE NameFLOW-Paradise Directory Service

### Deliverable M6

### Monthly Report June 1998

## ACTIVITY REPORT

### 1. OPERATIONS/HELPDESK

The NameFLOW-Paradise Directory services ran satisfactorily during June, with no significant outages.

There were no significant operational changes this month.

No major problems to report on the Helpdesk service. However this month was rather unusual, in that there were no Helpdesk queries received.

### 2. OUTAGES

There were no significant outages this month.

### 3. ISSUES

An FLDSA for c=TW (Taiwan) is being tested. It is expected that c=TW will be added to the Directory soon.

### 4. STATISTICS

Summaries of the service statistics are attached in the Appendices. Full statistics and world-root DSA hourly operations figures are available on the NameFLOW-Paradise info-server, under:

- <gopher://gopher.nameflow.dante.net/11/NameFLOW/statistics/>
- <ftp://ftp.nameflow.dante.net/NameFLOW/statistics/>

On the info-server, the individual statistics files for this month are:

- <helpdesk/tickets.Jun98>

- [DSA/stats.Giant-Tortoise.Jun98](#)
- [ldap/usage.Jun98](#)
- [DUA/usage.Jun98](#)
- [ftp/xferstats.Jun98](#)
- [gopher/usage.Jun98](#)
- [DSA/operations/ops-hourly.Giant-Tortoise.Jun98](#)
- [DSA/operations/ops-summary.Giant-Tortoise.Jun98](#)

## 5. APPENDICES

1. [Helpdesk ticket list for this month.](#)
2. [DSA/LDAP summary statistics for this month.](#)
3. [DUA/Telnet summary statistics for this month.](#)
4. [FTP/Gopher info-server summary statistics for this month.](#)

### APPENDIX 1 - Helpdesk ticket list for June 1998

NameFLOW-Paradise Helpdesk queries for : June 1998

There were no queries to the Helpdesk this month.

### APPENDIX 2 - World Root DSA and LDAP summary statistics for June 1998

#### Summary of calls to DSA Giant Tortoise

From 0:16:47 on 31 may to 0:03:09 on 30 jun

No. of binds	local	remote
Anonymous	0	16
Unauth name DAP	0	0
Unauth name DSP	0	5168
Simple	189	1
Protected	0	0

No. of operations		
Reads	1	434
Compares	0	0
Lists	0	1
Searches	1	136
Modifies	0	1
ModifyRDNs	0	0
Adds	0	0
GetEDBs		0 ( + 62584 slices)

System usage (calls received)

Binds by Directory technicians	189
Reads of DSA entries	10
Other ops on DSA entries	0
Getedb operations	0 ( + 62584 slices)
Spot shadows	310

## LDAP usage

LDAP usage from Jun 1 1998 to Jun 30 1998

Connections:	34081
Total connect time:	460987 seconds (128 hrs 3 mins 7 secs)

### Connections by domain

Domain	Connections
uk	32662
unresolved	549
com	426
net	95
others	349
Total	34081

---

## APPENDIX 3 - Public DUA/Telnet summary statistics for June 1998

### Attempted DUA usage

## Calls to the Directory Service - June 1998

### Notes:

Calls from PSS do not log the username so dua is assumed. Since the public-access DUA was withdrawn in February 1996, these figures measure attempted rather than actual use.

	PSS	Internet	Total
	---	-----	-----
dua	0	132	132
de	-	23	23
testdua	-	0	0
			-----
			155
			-----

## TELNET connections

Telnet connections and DUA logins from Jun 1 1998 to Jun 30 1998

Note: Each connection does not necessarily correspond to a login, either as a Directory Enquiries user, or as any other user

Connections: 701 Logins: 155

Top ten connections by domain

Domain	Connections
-----	-----
unresolved	219
edu	161
de	102
net	61
com	48
uk	32
us	15
ch	7
ca	6
no = jp = fr = cz	4
-----	-----
Total	667

Top ten DUA logins by domain

Domain	Logins
-----	-----
unresolved	33
edu	28
net	23
com	19
uk	16
us	4
cz	4
ca	4
nl	3
de	3
-----	-----
Total	137

---

## APPENDIX 4 - FTP/Gopher info-server summary statistics for June 1998

### FTP server

TOTALS FOR SUMMARY PERIOD Mon Jun 1 1998 TO Tue Jun 30 1998

Files Transmitted During Summary Period	216
Bytes Transmitted During Summary Period	73560858
Systems Using Archives	0
Average Files Transmitted Daily	9
Average Bytes Transmitted Daily	2942434

### Gopher server

Gopher usage from Thu Jun 11 1998 to Wed Jun 24 1998

Total connections:	3
Total files retrieved:	29

# UNIVERSITY OF LONDON COMPUTER CENTRE

## DANTE NameFLOW-Paradise Directory Service

### Deliverable M7

### Monthly Report July 1998

## ACTIVITY REPORT

### 1. OPERATIONS/HELPDESK

The NameFLOW-Paradise Directory services ran satisfactorily during July, with no significant outages.

There were no significant operational changes this month.

No major problems to report on the Helpdesk service. A summary of the Helpdesk tickets is attached in the Appendices.

### 2. OUTAGES

There were no significant outages this month.

### 3. ISSUES

As mentioned in last month's Issues, c=TW is working towards joining the DIT; although some progress was made this month, their FLDSA is still not quite ready.

### 4. STATISTICS

Summaries of the service statistics are attached in the Appendices. Full statistics and world-root DSA hourly operations figures are available on the NameFLOW-Paradise info-server, under:

- <gopher://gopher.nameflow.dante.net/11/NameFLOW/statistics/>
- <ftp://ftp.nameflow.dante.net/NameFLOW/statistics/>

On the info-server, the individual statistics files for this month are:

- [helpdesk/tickets.Jul98](#)
- [DSA/stats.Giant-Tortoise.Jul98](#)
- [ldap/usage.Jul98](#)
- [DUA/usage.Jul98](#)
- [ftp/xferstats.Jul98](#)
- [gopher/usage.Jul98](#)
- [DSA/operations/ops-hourly.Giant-Tortoise.Jul98](#)
- [DSA/operations/ops-summary.Giant-Tortoise.Jul98](#)

## 5. APPENDICES

1. [Helpdesk ticket list for this month.](#)
  2. [DSA/LDAP summary statistics for this month.](#)
  3. [DUA/Telnet summary statistics for this month.](#)
  4. [FTP/Gopher info-server summary statistics for this month.](#)
- 
- 

### APPENDIX 1 - Helpdesk ticket list for July 1998

NameFLOW-Paradise Helpdesk queries for : July 1998

```
-----  
Reference      Status  Keywords  
-----  
980708.01     done    JP Request removal from FORUM mailing list  
980710.01     done    GR Request addition to FORUM mailing list  
980716.01     done    BE Help with LDAP client timelimit problem  
980716.02     pend    TW Help with establishing FLDSA  
980726.01     pend    BG Request for help  
980728.01     done    CH Request addition to (OSI-DS =>) FORUM mailing list
```

Notes

-----

980716.02 : process is ongoing.  
980726.01 : awaiting clarification.

RFI is an abbreviation for "Request for information".

---

### APPENDIX 2 - World Root DSA and LDAP summary statistics for July 1998

#### Summary of calls to DSA Giant Tortoise

From 0:16:19 on 30 jun to 0:03:22 on 31 jul

No. of binds	local	remote
Anonymous	0	11
Unauth name DAP	0	0
Unauth name DSP	0	4854
Simple	270	11



Protected	0	0
No. of operations		
Reads	0	309
Compares	0	0
Lists	0	21
Searches	0	195
Modifies	0	2
ModifyRDNs	0	0
Adds	0	0
GetEDBs		0 ( + 62043 slices)

System usage (calls received)

Binds by Directory technicians	270
Reads of DSA entries	11
Other ops on DSA entries	0
Getedb operations	0 ( + 62043 slices)
Spot shadows	230

## LDAP usage

LDAP usage from Jul 1 1998 to Jul 31 1998

Connections:	31837
Total connect time:	482852 seconds (134 hrs 7 mins 32 secs)

Connections by domain

Domain	Connections
-----	-----
uk	30512
unresolved	541
net	238
com	150
others	396
-----	-----
Total	31837

---

## APPENDIX 3 - Public DUA/Telnet summary statistics for July 1998

### Attempted DUA usage

Calls to the Directory Service - July 1998

Notes:

Calls from PSS do not log the username so dua is assumed. Since the public-access DUA was withdrawn in

February 1996, these figures measure attempted rather than actual use.

	PSS	Internet	Total
	---	-----	-----
dua	0	117	117
de	-	8	8
testdua	-	0	0
			-----
			125
			-----

## TELNET connections

Telnet connections and DUA logins from Jul 1 1998 to Jul 31 1998

Note: Each connection does not necessarily correspond to a login, either as a Directory Enquiries user, or as any other user

Connections: 533 Logins: 125

Top ten connections by domain

Top ten DUA logins by domain

Domain	Connections
-----	-----
edu	156
unresolved	111
com	58
net	53
uk	34
de	18
dz	17
us	13
nz	11
za = fr	6
-----	-----
Total	483

Domain	Logins
-----	-----
unresolved	26
edu	22
com	17
uk	13
net	12
th	3
us	2
ru	2
pt	2
nl (+7 other)	2
-----	-----
Total	115

---

## APPENDIX 4 - FTP/Gopher info-server summary statistics for July 1998

### FTP server

TOTALS FOR SUMMARY PERIOD Wed Jul 1 1998 TO Thu Jul 30 1998

Files Transmitted During Summary Period

185

Bytes Transmitted During Summary Period	61541851
Systems Using Archives	0
Average Files Transmitted Daily	7
Average Bytes Transmitted Daily	2461674

## **Gopher server**

Gopher usage from Wed Jul 1 1998 to Fri Jul 31 1998

Total connections:	0
Total files retrieved:	0

# UNIVERSITY OF LONDON COMPUTER CENTRE

## DANTE NameFLOW-Paradise Directory Service

### Deliverable M8

### Monthly Report August 1998

## ACTIVITY REPORT

### 1. OPERATIONS/HELPDESK

The NameFLOW-Paradise Directory services ran satisfactorily during August, with no significant outages.

The following operational activities are noted:

- A new country, c=TW (Taiwan), was added to the DIT, with its FLDSA cn=Ornate Hawk Eagle.

No major problems to report on the Helpdesk service. A summary of the Helpdesk tickets is attached in the Appendices.

### 2. OUTAGES

There were no significant outages this month.

### 3. ISSUES

The OpenLDAP Project announced the release of OpenLDAP 1.0, derived from University of Michigan LDAP v3.3. This may be of interest to members of the NameFLOW community -- see <http://www.OpenLDAP.org/>

### 4. STATISTICS

Summaries of the service statistics are attached in the Appendices. Full statistics and world-root DSA hourly operations figures are available on the NameFLOW-Paradise info-server, under:

- <gopher://gopher.nameflow.dante.net/11/NameFLOW/statistics/>
- <ftp://ftp.nameflow.dante.net/NameFLOW/statistics/>

On the info-server, the individual statistics files for this month are:

- <helpdesk/tickets.Aug98>
- <DSA/stats.Giant-Tortoise.Aug98>
- <ldap/usage.Aug98>
- <DUA/usage.Aug98>
- <ftp/xferstats.Aug98>
- <gopher/usage.Aug98>

- [DSA/operations/ops-hourly.Giant-Tortoise.Aug98](#)
- [DSA/operations/ops-summary.Giant-Tortoise.Aug98](#)

## 5. APPENDICES

1. [Helpdesk ticket list for this month.](#)
2. [DSA/LDAP summary statistics for this month.](#)
3. [DUA/Telnet summary statistics for this month.](#)
4. [FTP/Gopher info-server summary statistics for this month.](#)

## APPENDIX 1 - Helpdesk ticket list for August 1998

NameFLOW-Paradise Helpdesk queries for : August 1998

```
-----
Reference      Status  Keywords
-----
980801.01     done    TW Help with establishing FLDSA
980808.01     done    US Request addition to FORUM mailing list
980810.01     done    US Request addition to (OSI-DS =>) FORUM mailing list
980811.01     done    US Request removal from FORUM mailing list
980811.02     done    US Request addition to FORUM mailing list
980816.01     done    DK Request removal from FORUM mailing list
980818.01     done    CA RFI about NameFLOW-Paradise
980827.01     done    TW Help with FLDSA replication
980828.01     done    TW Query web/X.500 gateway behaviour
980829.01     done    KR Request addition to (OSI-DS =>) FORUM mailing list
980831.01     done    DE Request help with Microsoft Exchange
-----
```

Notes

-----

980801.01 : continuation of 980716.02.

RFI is an abbreviation for "Request for information".

## APPENDIX 2 - World Root DSA and LDAP summary statistics for August 1998

### Summary of calls to DSA Giant Tortoise

From 0:30:02 on 31 jul to 23:47:56 on 30 aug

No. of binds	local	remote
Anonymous	0	9
Unauth name DAP	0	0
Unauth name DSP	0	2460
Simple	559	5
Protected	0	0
No. of operations		
Reads	9	160
Compares	0	0
Lists	2	2
Searches	2	78
Modifies	4	4
ModifyRDNs	0	0
Adds	2	0
GetEDBs		0 ( + 33140 slices)

#### System usage (calls received)

Binds by Directory technicians	559
Reads of DSA entries	10
Other ops on DSA entries	3
Getedb operations	0 ( + 33140 slices)
Spot shadows	107

### LDAP usage

LDAP usage from Aug 1 1998 to Aug 31 1998

Connections: 44232  
 Total connect time: 501367 seconds (139 hrs 16 mins 7 secs)

#### Connections by domain

Domain	Connections
uk	43334
unresolved	421
com	181
net	97
others	199
Total	44232

## Attempted DUA usage

Calls to the Directory Service - August 1998

Notes:

Calls from PSS do not log the username so dua is assumed. Since the public-access DUA was withdrawn in February 1996, these figures measure attempted rather than actual use.

	PSS	Internet	Total
	---	-----	-----
dua	0	79	79
de	-	3	3
testdua	-	0	0
			-----
			82
			-----

## TELNET connections

Telnet connections and DUA logins from Aug 1 1998 to Aug 31 1998

Note: Each connection does not necessarily correspond to a login, either as a Directory Enquiries user, or as any other user

Connections: 513 Logins: 82

Top ten connections by domain

Domain	Connections
-----	-----
edu	168
unresolved	115
net	41
de	37
com	35
uk	25
dz	15
gov	12
ca	11
fr	7
-----	-----
Total	466

Top ten DUA logins by domain

Domain	Logins
-----	-----
edu	22
unresolved	14
uk	12
com	8
net	6
ca	5
de	3
org	2
es	2
nl (+7 other)	1
-----	-----
Total	82

## FTP server

TOTALS FOR SUMMARY PERIOD Sat Aug 1 1998 TO Mon Aug 31 1998

Files Transmitted During Summary Period	127
Bytes Transmitted During Summary Period	20806249
Systems Using Archives	0
Average Files Transmitted Daily	6
Average Bytes Transmitted Daily	1040312

## Gopher server

Gopher usage from Wed Aug 19 1998 to Fri Aug 28 1998

Total connections:	0
Total files retrieved:	3



# UNIVERSITY OF LONDON COMPUTER CENTRE

## DANTE NameFLOW-Paradise Directory Service

### Deliverable M9

### Monthly Report September 1998

#### ACTIVITY REPORT

##### 1. OPERATIONS/HELPDESK

The NameFLOW-Paradise Directory services ran satisfactorily during September, with one major outage outside prime-time.

There were no significant operational changes this month.

No major problems to report on the Helpdesk service. A summary of the Helpdesk tickets is attached in the Appendices.

##### 2. OUTAGES

Sun September 13 12:48 - Mon September 14 10:12 (21hrs 24mins)

UKERNA DSAs supporting LDAP server inaccessible, IP router power supply failed; PSU replaced; outage may have hit DANTE's WWW/X.500 gateway

##### 3. ISSUES

We have no issues to raise this month.

##### 4. STATISTICS

Summaries of the service statistics are attached in the Appendices. Full statistics and world-root DSA hourly operations figures are available on the NameFLOW-Paradise info-server, under:

- <gopher://gopher.nameflow.dante.net/11/NameFLOW/statistics/>
- <ftp://ftp.nameflow.dante.net/NameFLOW/statistics/>

On the info-server, the individual statistics files for this month are:

- <helpdesk/tickets.Sep98>
- <DSA/stats.Giant-Tortoise.Sep98>
- <ldap/usage.Sep98>

- [DUA/usage.Sep98](#)
- [ftp/xferstats.Sep98](#)
- [gopher/usage.Sep98](#)
- [DSA/operations/ops-hourly.Giant-Tortoise.Sep98](#)
- [DSA/operations/ops-summary.Giant-Tortoise.Sep98](#)

## 5. APPENDICES

1. [Helpdesk ticket list for this month.](#)
2. [DSA/LDAP summary statistics for this month.](#)
3. [DUA/Telnet summary statistics for this month.](#)
4. [FTP/Gopher info-server summary statistics for this month.](#)

## APPENDIX 1 - Helpdesk ticket list for September 1998

NameFLOW-Paradise Helpdesk queries for : September 1998

```
-----
Reference      Status  Keywords
-----
980909.01     done   US Request addition to FORUM mailing list
980909.02     done   US Request addition to FORUM mailing list
980920.01     pend   TH RFI about e-mail addresses in GB
-----
```

Notes

-----

980920.01 : awaiting clarification.

RFI is an abbreviation for "Request for information".

## APPENDIX 2 - World Root DSA and LDAP summary statistics for September 1998

### Summary of calls to DSA Giant Tortoise

From 0:20:10 on 31 aug to 23:48:23 on 29 sep

```
No. of binds          local  remote
```

Anonymous	0	0
Unauth name DAP	0	0
Unauth name DSP	0	2444
Simple	527	1
Protected	0	0
No. of operations		
Reads	0	103
Compares	0	0
Lists	0	6
Searches	0	28
Modifies	0	0
ModifyRDNs	0	0
Adds	0	1
GetEDBs		0 ( + 36035 slices)

System usage (calls received)

Binds by Directory technicians	527
Reads of DSA entries	13
Other ops on DSA entries	1
Getedb operations	0 ( + 36035 slices)
Spot shadows	77

## LDAP usage

LDAP usage from Sep 1 1998 to Sep 30 1998

Connections:	53205
Total connect time:	1411549 seconds (392 hrs 5 mins 49 secs)

Connections by domain

Domain	Connections
uk	52276
unresolved	450
nl	117
com	89
others	273
Total	53205

## Attempted DUA usage

Calls to the Directory Service - September 1998

Notes:

Calls from PSS do not log the username so dua is assumed. Since the public-access DUA was withdrawn in February 1996, these figures measure attempted rather than actual use.

	PSS	Internet	Total
	---	-----	-----
dua	2	111	113
de	-	11	11
testdua	-	0	0
			-----
			124
			-----

## TELNET connections

Telnet connections and DUA logins from Sep 1 1998 to Sep 30 1998

Note: Each connection does not necessarily correspond to a login, either as a Directory Enquiries user, or as any other user

Connections: 510 Logins: 122

Top ten connections by domain

Top ten DUA logins by domain

Domain	Connections
-----	-----
edu	153
unresolved	137
net	43
com	39
uk	28
us	26
de	15
ca	11
dz	10
it	8
-----	-----
Total	470

Domain	Logins
-----	-----
edu	34
unresolved	19
com	15
uk	14
net	12
it	6
ca	6
de	5
dz	3
ro = fr	2
-----	-----
Total	118

---

## APPENDIX 4 - FTP/Gopher info-server summary statistics for September 1998

### FTP server

TOTALS FOR SUMMARY PERIOD Tue Sep 1 1998 TO Wed Sep 30 1998

Files Transmitted During Summary Period	155
Bytes Transmitted During Summary Period	49646533
Systems Using Archives	0
Average Files Transmitted Daily	7
Average Bytes Transmitted Daily	2158545

### Gopher server

Gopher usage from Tue Sep 8 1998 to Tue Sep 29 1998

Total connections:	1
Total files retrieved:	2

# UNIVERSITY OF LONDON COMPUTER CENTRE

## DANTE NameFLOW-Paradise Directory Service

### Deliverable M10

### Monthly Report October 1998

## ACTIVITY REPORT

### 1. OPERATIONS/HELPDESK

The NameFLOW-Paradise Directory services ran satisfactorily during October, with no significant outages.

The following operational activities are noted:

- The presentationAddress of the FLDSA cn=Rimau (c=MY) was changed at the request of the country manager. The usual mechanism for updating the address is not applicable in this case, due to the version of Quipu-based software involved.

No major problems to report on the Helpdesk service. A summary of the Helpdesk tickets is attached in the Appendices.

### 2. OUTAGES

There were no significant outages this month.

### 3. ISSUES

We have no issues to raise this month.

### 4. STATISTICS

Summaries of the service statistics are attached in the Appendices. Full statistics and world-root DSA hourly operations figures are available on the NameFLOW-Paradise info-server, under:

- <gopher://gopher.nameflow.dante.net/11/NameFLOW/statistics/>
- <ftp://ftp.nameflow.dante.net/NameFLOW/statistics/>

On the info-server, the individual statistics files for this month are:

- <helpdesk/tickets.Oct98>
- <DSA/stats.Giant-Tortoise.Oct98>
- <ldap/usage.Oct98>
- <DUA/usage.Oct98>

- [ftp/xferstats.Oct98](#)
- [gopher/usage.Oct98](#)
- [DSA/operations/ops-hourly.Giant-Tortoise.Oct98](#)
- [DSA/operations/ops-summary.Giant-Tortoise.Oct98](#)

## 5. APPENDICES

1. [Helpdesk ticket list for this month.](#)
2. [DSA/LDAP summary statistics for this month.](#)
3. [DUA/Telnet summary statistics for this month.](#)
4. [FTP/Gopher info-server summary statistics for this month.](#)

### APPENDIX 1 - Helpdesk ticket list for October 1998

NameFLOW-Paradise Helpdesk queries for : October 1998

```
-----
Reference      Status  Keywords
-----
981001.01     pend   IT Request to join as l=Europe@o=European Commission
981009.01     done   US RFI about contacting other DSA managers
981012.01     done   GB RFI about X.500-related mailing lists
981019.01     done   JP Request addition to FORUM mailing list
981026.01     done   MY Help with changing presentationAddress of FLDSA
981027.01     done   US Request addition to FORUM mailing list
981028.01     done   US Request removal from FORUM mailing list
981029.01     done   SK Request removal from FORUM mailing list
-----
```

Notes

-----

981001.01 : this is a continuation of 971124.01

RFI is an abbreviation for "Request for information".

### APPENDIX 2 - World Root DSA and LDAP summary statistics for October 1998

#### Summary of calls to DSA Giant Tortoise

From 0:18:14 on 30 sep to 23:48:35 on 30 oct

No. of binds	local	remote
Anonymous	0	1
Unauth name DAP	0	0
Unauth name DSP	0	2419
Simple	570	0
Protected	0	0

  

No. of operations	local	remote
Reads	4	115
Compares	0	0
Lists	2	3
Searches	0	156
Modifies	1	0
ModifyRDNs	0	0
Adds	0	0
GetEDBs		0 ( + 38715 slices)

#### System usage (calls received)

Binds by Directory technicians	570
Reads of DSA entries	19
Other ops on DSA entries	1
Getedb operations	0 ( + 38715 slices)
Spot shadows	88

### LDAP usage

LDAP usage from Oct 1 1998 to Oct 31 1998

Connections: 41420  
 Total connect time: 1178249 seconds (327 hrs 17 mins 29 secs)

#### Connections by domain

Domain	Connections
uk	40184
unresolved	364
nl	289
com	287
others	296
Total	41420



## Attempted DUA usage

Calls to the Directory Service - October 1998

Notes:

Calls from PSS do not log the username so dua is assumed. Since the public-access DUA was withdrawn in February 1996, these figures measure attempted rather than actual use.

	PSS	Internet	Total
	---	-----	-----
dua	0	114	114
de	-	16	16
testdua	-	0	0
			-----
			130
			-----

## TELNET connections

Telnet connections and DUA logins from Oct 1 1998 to Oct 31 1998

Note: Each connection does not necessarily correspond to a login, either as a Directory Enquiries user, or as any other user

Connections: 503 Logins: 130

Top ten connections by domain

Top ten DUA logins by domain

Domain	Connections
-----	-----
unresolved	151
edu	142
uk	66
net	41
com	27
de	13
us	7
au	6
nl	5
gr = dz	5
-----	-----
Total	468

Domain	Logins
-----	-----
unresolved	29
uk	28
edu	27
net	15
com	8
gr	3
se	2
ph	2
nl	2
my = de	2
-----	-----
Total	120

## FTP server

TOTALS FOR SUMMARY PERIOD Thu Oct 1 1998 TO Fri Oct 30 1998

Files Transmitted During Summary Period	135
Bytes Transmitted During Summary Period	18790012
Systems Using Archives	0
Average Files Transmitted Daily	6
Average Bytes Transmitted Daily	782917

## Gopher server

Gopher usage from Mon Oct 5 1998 to Tue Oct 20 1998

Total connections:	0
Total files retrieved:	3

# UNIVERSITY OF LONDON COMPUTER CENTRE

## DANTE NameFLOW-Paradise Directory Service

### Deliverable M11

### Monthly Report November 1998

## ACTIVITY REPORT

### 1. OPERATIONS/HELPDESK

The NameFLOW-Paradise Directory services ran satisfactorily during November, with no significant outages.

There were no significant operational changes this month.

No major problems to report on the Helpdesk service. A summary of the Helpdesk tickets is attached in the Appendices.

### 2. OUTAGES

There were no significant outages this month.

### 3. ISSUES

There appears to be a problem with replication from the FLDSA for c=BE (Belgium). Although changes have been made to the EDB on the FLDSA, Giant Tortoise has not been replicating the EDB, as the time-stamp was not updated. Replication was forced by artificially back-dating the copy of the EDB, but the resultant copy carried the original time-stamp.

### 4. STATISTICS

Summaries of the service statistics are attached in the Appendices. Full statistics and world-root DSA hourly operations figures are available on the NameFLOW-Paradise info-server, under:

- <gopher://gopher.nameflow.dante.net/11/NameFLOW/statistics/>
- <ftp://ftp.nameflow.dante.net/NameFLOW/statistics/>

On the info-server, the individual statistics files for this month are:

- <helpdesk/tickets.Nov98>
- <DSA/stats.Giant-Tortoise.Nov98>

- [ldap/usage.Nov98](#)
- [DUA/usage.Nov98](#)
- [ftp/xferstats.Nov98](#)
- [gopher/usage.Nov98](#)
- [DSA/operations/ops-hourly.Giant-Tortoise.Nov98](#)
- [DSA/operations/ops-summary.Giant-Tortoise.Nov98](#)

## 5. APPENDICES

1. [Helpdesk ticket list for this month.](#)
2. [DSA/LDAP summary statistics for this month.](#)
3. [DUA/Telnet summary statistics for this month.](#)
4. [FTP/Gopher info-server summary statistics for this month.](#)

## APPENDIX 1 - Helpdesk ticket list for November 1998

NameFLOW-Paradise Helpdesk queries for : November 1998

```
-----
Reference      Status  Keywords
-----
981102.01     done    GB Request addition to FORUM mailing list
981102.02     done    PL Request addition to FORUM mailing list
981106.01     done    JP Request removal from FORUM mailing list
981111.01     done    SK Request removal from MANAGERS mailing list
981112.01     done    NL Request removal from mailing lists
981116.01     done    HK RFI about registering an LDAP server
-----
```

Notes

-----

RFI is an abbreviation for "Request for information".

## APPENDIX 2 - World Root DSA and LDAP summary statistics for November 1998

### Summary of calls to DSA Giant Tortoise

From 0:23:14 on 31 oct to 23:54:04 on 29 nov

No. of binds	local	remote
Anonymous	0	0
Unauth name DAP	0	2
Unauth name DSP	0	2200
Simple	514	0
Protected	0	0
No. of operations		
Reads	11	87
Compares	0	0
Lists	2	1
Searches	2	46
Modifies	0	0
ModifyRDNs	0	0
Adds	0	0
GetEDBs		0 ( + 33222 slices)

#### System usage (calls received)

Binds by Directory technicians	514
Reads of DSA entries	4
Other ops on DSA entries	0
Getedb operations	0 ( + 33222 slices)
Spot shadows	81

### LDAP usage

LDAP usage from Nov 1 1998 to Nov 30 1998

Connections: 54340  
 Total connect time: 1632508 seconds (453 hrs 28 mins 28 secs)

#### Connections by domain

Domain	Connections
-----	-----
uk	52640
unresolved	465
nl	352
com	308
others	575
-----	-----
Total	54340

---

## APPENDIX 3 - Public DUA/Telnet summary statistics for November 1998

### Attempted DUA usage

Calls to the Directory Service - November 1998

Notes:

Calls from PSS do not log the username so dua is assumed. Since the public-access DUA was withdrawn in February 1996, these figures measure attempted rather than actual use.

	PSS	Internet	Total
	---	-----	-----
dua	0	100	100
de	-	7	7
testdua	-	0	0
			-----
			107
			-----

### TELNET connections

Telnet connections and DUA logins from Nov 1 1998 to Nov 30 1998

Note: Each connection does not necessarily correspond to a login, either as a Directory Enquiries user, or as any other user

Connections: 357 Logins: 107

Top ten connections by domain

Domain	Connections
-----	-----
unresolved	115
edu	80
net	40
uk	35
com	33
de	9
dz	8
fr	6
ru	5
us = org	3
-----	-----

Top ten DUA logins by domain

Domain	Logins
-----	-----
unresolved	19
edu	18
net	17
com	17
uk	14
ru	2
org	2
dz	2
de	2
cz = au	2
-----	-----

Total

337

Total

97

---

## APPENDIX 4 - FTP/Gopher info-server summary statistics for November 1998

### FTP server

TOTALS FOR SUMMARY PERIOD Sun Nov 1 1998 TO Fri Nov 27 1998

Files Transmitted During Summary Period	115
Bytes Transmitted During Summary Period	29871782
Systems Using Archives	0
Average Files Transmitted Daily	5
Average Bytes Transmitted Daily	1194871

### Gopher server

Gopher usage from Fri Nov 13 1998 to Mon Nov 23 1998

Total connections:	2
Total files retrieved:	3

# UNIVERSITY OF LONDON COMPUTER CENTRE

## DANTE NameFLOW-Paradise Directory Service

### Deliverable M12

### Monthly Report December 1998

## ACTIVITY REPORT

### 1. OPERATIONS/HELPDESK

The NameFLOW-Paradise Directory services ran satisfactorily during December, with no significant outages.

The following operational activities are noted:

- As part of the relocation of the root DSA and associated functions to DANTE's offices, some changes were made to the instance of Giant Tortoise running at ULCC. The presentationAddress attribute had the address of the instance at DANTE added preferentially, and the DSA was set read-only. The intent was to flag the DANTE instance as the new master, while retaining the old instance as a fallback, also giving the FLDSAs time to pick up the new address. Replication on the ULCC instance was considered no longer necessary and was therefore stopped.
- In addition, the DNS zone for nameflow.dante.net was updated to reflect that both the mailing lists and the FTP server had been relocated.

No major problems to report on the Helpdesk service. A summary of the Helpdesk tickets is attached in the Appendices.

### 2. OUTAGES

There were no significant outages this month.

### 3. ISSUES

The NRN in Greece/c=GR is attempting to connect a country-level LDAP server to NameFLOW, using the Innosoft X.500 Connector (a development of the X.500 Enabler from Critical Angle). This is proving problematical, as it appears not to be possible to make DAP or DSP connections to the Connector. It is hoped that Innosoft can provide assistance.

### 4. STATISTICS

Due to the changes to the instance of Giant Tortoise running at ULCC, some of the DSA figures in appendix 2 are smaller than expected, as workload shifted to the instance at DANTE.

Summaries of the service statistics are attached in the Appendices. Full statistics and world-root DSA hourly operations figures are available on the NameFLOW-Paradise info-server, under:



- <ftp://ftp.nameflow.dante.net/NameFLOW/statistics/>

On the info-server, the individual statistics files for this month are:

- [helpdesk/tickets.Dec98](#)
- [DSA/stats.Giant-Tortoise.Dec98](#)
- [DSA/stats.Giant-Tortoise.Dec98b](#)
- [ldap/usage.Dec98](#)
- [DUA/usage.Dec98](#)
- [ftp/xferstats.Dec98](#)
- [gopher/usage.Dec98](#)
- [DSA/operations/ops-hourly.Giant-Tortoise.Dec98](#)
- [DSA/operations/ops-summary.Giant-Tortoise.Dec98](#)

## 5. APPENDICES

1. [Helpdesk ticket list for this month.](#)
2. [DSA/LDAP summary statistics for this month.](#)
3. [DUA/Telnet summary statistics for this month.](#)
4. [FTP/Gopher info-server summary statistics for this month.](#)

## APPENDIX 1 - Helpdesk ticket list for December 1998

NameFLOW-Paradise Helpdesk queries for : December 1998

```

-----
Reference      Status  Keywords
-----
981209.01     pend   GR Request to change c=GR entry from Quipu to LDAP
981210.01     done   HK Request addition to FORUM mailing list
981210.02     done   HK RFI about changing from Quipu to X.500(93) or LDAP
981210.03     done   HK Request addition to MANAGERS mailing list
981214.01     done   HK Help with chaining/referral behaviour of DSAs
981214.02     done   US Query problem with inappropriate mail on FORUM list
981214.03     done   US Request addition to (OSI-DS =>) FORUM mailing list

```

Notes

981209.01 : have been unable, as yet, to bind to the DAP/DSP -> LDAP gateway.

RFI is an abbreviation for "Request for information".

## APPENDIX 2 - World Root DSA and LDAP summary statistics for December 1998

### Summary of calls to DSA Giant Tortoise @ ULCC

From 0:20:40 on 30 nov to 23:45:13 on 30 dec

No. of binds	local	remote
Anonymous	0	3
Unauth name DAP	0	0
Unauth name DSP	0	1407
Simple	880	4
Protected	0	0
No. of operations		
Reads	4	73
Compares	0	0
Lists	2	3
Searches	1	6
Modifies	2	0
ModifyRDNs	0	0
Adds	0	0
GetEDBs		0 ( + 21394 slices)

System usage (calls received)

Binds by Directory technicians	880
Reads of DSA entries	17
Other ops on DSA entries	2
Getedb operations	0 ( + 21394 slices)
Spot shadows	48

### Summary of calls to DSA Giant Tortoise @ DANTE

From 1:15:13 on 16 dec to 23:52:29 on 30 dec

No. of binds	local	remote
Anonymous	0	0
Unauth name DAP	0	0
Unauth name DSP	0	1087
Simple	353	4
Protected	0	0
No. of operations		
Reads	0	32
Compares	0	0
Lists	0	0
Searches	0	130
Modifies	0	1

ModifyRDNs	0	0
Adds	0	0
GetEDBs		0 ( + 16040 slices)

System usage (calls received)

Binds by Directory technicians	353
Reads of DSA entries	3
Other ops on DSA entries	0
Getedb operations	0 ( + 16040 slices)
Spot shadows	25

## LDAP usage

LDAP usage from Dec 1 1998 to Dec 31 1998

Connections: 52160  
 Total connect time: 1339131 seconds (371 hrs 58 mins 51 secs)

Connections by domain

Domain	Connections
uk	51207
unresolved	229
nl	221
net	183
others	320
Total	52160

---

## APPENDIX 3 - Public DUA/Telnet summary statistics for December 1998

### Attempted DUA usage

Calls to the Directory Service - December 1998

Notes:

Calls from PSS do not log the username so dua is assumed. Since the public-access DUA was withdrawn in February 1996, these figures measure attempted rather than actual use.

	PSS	Internet	Total
dua	0	72	72
de	-	6	6
testdua	-	0	0

**TELNET connections**

Telnet connections and DUA logins from Dec 1 1998 to Dec 31 1998

Note: Each connection does not necessarily correspond to a login, either as a Directory Enquiries user, or as any other user

Connections: 215 Logins: 78

Top ten connections by domain

Top ten DUA logins by domain

Domain	Connections	Domain	Logins
-----	-----	-----	-----
unresolved	61	uk	14
edu	31	com	14
net	30	net	13
uk	28	edu	10
com	20	unresolved	9
de	9	de	5
it	8	ro	2
gov	4	pl	2
ro	3	tr	1
dz	3	se (+7 other)	1
-----	-----	-----	-----
Total	197	Total	78

**APPENDIX 4 - FTP/Gopher info-server summary statistics for December 1998****FTP server**

TOTALS FOR SUMMARY PERIOD Tue Dec 1 1998 TO Fri Dec 18 1998

Files Transmitted During Summary Period	159
Bytes Transmitted During Summary Period	27006950
Systems Using Archives	0
Average Files Transmitted Daily	9
Average Bytes Transmitted Daily	1588644

**Gopher server**

Gopher usage from Fri Dec 4 1998 to Tue Dec 8 1998

Total connections: 2  
Total files retrieved: 2

## Summary of calls to DSA Giant Tortoise @ DANTE

From 1:15:13 on 16 dec to 23:52:29 on 30 dec

No. of binds	local	remote
Anonymous	0	0
Unauth name DAP	0	0
Unauth name DSP	0	1087
Simple	353	4
Protected	0	0

  

No. of operations	local	remote
Reads	0	32
Compares	0	0
Lists	0	0
Searches	0	130
Modifies	0	1
ModifyRDNs	0	0
Adds	0	0
GetEDBs		0 ( + 16040 slices)

  

System usage (calls received)

Binds by Directory technicians	353
Reads of DSA entries	3
Other ops on DSA entries	0
Getedb operations	0 ( + 16040 slices)
Spot shadows	25