## Network Engineering 2016 Exercises - Unit 2

## 1 Populate your LDAP directory

Populate your LDAP directory with the following organisations, departments and persons. Use the normal convention of determining the dn for an entity using the components of the domain name of the organisation, but place the organisations inside the dc=nodomain name space, so that you don't have to worry about creating additional databases in OpenLDAP which is non-trivial.

e.g., an organisation with the domain name fish.com would be inserted as dc=fish,dc=nodomain.

You only need the full domain names for the email addresses You should create a single LDIF file that can be imported using the **ldapadd** command.

### 1.1 Organisations

| Organisation       | Internet Domain                | Country        |
|--------------------|--------------------------------|----------------|
| Name               |                                |                |
| Consolidated       | consolidatednouns.com.ki       | Kiribati       |
| Nouns              |                                |                |
| Adjectival Compo-  | adjectivalcomponents.com.nf    | Norfolk Island |
| nents              |                                |                |
| Classic Exports    | classicexports.com.ki          | Kiribati       |
| International Uni- | internationaluniversity.com.ki | Kiribati       |
| versity            |                                |                |
| Cut-Price Compo-   | cutpricecomponents.com.nf      | Norfolk Island |
| nents              |                                |                |

#### 1.2 Departments

Where a department has a "Parent Department" this means you have to enclose that department in the named department. Departments should be represented as an ou with the *exactly* the same name as the department.

| Organisation Name        | Department Name                | Parent Department          |  |  |
|--------------------------|--------------------------------|----------------------------|--|--|
| Consolidated Nouns       | Pest control                   |                            |  |  |
| Consolidated Nouns       | Production                     | Pest control               |  |  |
| Consolidated Nouns       | Statistical misinterpreta-     | Production                 |  |  |
|                          | tion                           |                            |  |  |
| Adjectival Components    | Consolidation                  |                            |  |  |
| Adjectival Components    | Manufacture                    | Consolidation              |  |  |
| Classic Exports          | Environmental exploita-        |                            |  |  |
|                          | tion                           |                            |  |  |
| Classic Exports          | Marketing                      | Environmental exploita-    |  |  |
|                          |                                | tion                       |  |  |
| Classic Exports          | market punctuation             | Marketing                  |  |  |
| Classic Exports          | Diabolical schemes             | Environmental exploita-    |  |  |
|                          |                                | tion                       |  |  |
| International University | Consolidation                  |                            |  |  |
| International University | Statistical misinterpreta-     | Consolidation              |  |  |
|                          | tion                           |                            |  |  |
| International University | Diabolical schemes             | Statistical misinterpreta- |  |  |
|                          |                                | tion                       |  |  |
| Cut-Price Components     | Rhetorical devices             |                            |  |  |
| Cut-Price Components     | Environmental protection       | Rhetorical devices         |  |  |
| Cut-Price Components     | Pest control Rhetorical device |                            |  |  |
| Cut-Price Components     | Human resources                | Pest control               |  |  |



# 1.3 People

| Name                  | Organisation             | Department                         | Email-Address                                    | Phone   | Manager               |
|-----------------------|--------------------------|------------------------------------|--|---|-----------------------|
|                       | Name                     | Name                               |  | Number(s)   |                       |
| Matthew<br>Walker     | Cut-Price Components     | Environmental protection           | mwalker@adjecti-<br>valcomponents.com<br>.nf     | $\begin{array}{c} +672209327 \\ +672209336 \\ +672209505 \\ +672209846 \end{array}$         |                       |
| Fleur Wat-<br>son     | Cut-Price Components     | Rhetorical devices                 | fwatson@cutprice-<br>components.com<br>.nf       | $\begin{array}{c} +672200545 \\ +672200814 \end{array}$                                     | Matthew<br>Walker     |
| Francesca<br>Williams | International University | Diabolical schemes                 | francesca.williams<br>@classicexports<br>.com.ki |   |                       |
| Morgan<br>Walker      | International University | Statistical misinter-<br>pretation | morgan.walker<br>@classicexports<br>.com.ki      | $\begin{array}{r} +68621336403 \\ +68621336651 \\ +68621336754 \\ +68621336399 \end{array}$ | Francesca<br>Williams |
| Mark Wat-<br>son      | Classic Exports          | Diabolical schemes                 | mark.watson@clas-<br>sicexports.com<br>.ki       | $+68621336012 \\ +68621336226 \\ +68621336586 \\ +68621336094$                              |                       |
| Freya Lewis           | International University | Statistical misinter-<br>pretation | fl5@cutpricecomponents.com.nf                    | +672200601<br>+672200097  | Francesca<br>Williams |
| Fay Harris            | Cut-Price Components     | Rhetorical devices                 | fay.harris@clas-<br>sicexports.com<br>.ki        | +68621336280  | Matthew<br>Walker     |
| Matthew<br>White      | International University | Consolidation                      | mwhite@adjectival-<br>components.com<br>.nf      | $\begin{array}{c} +672209440 \\ +672209729 \\ +672209031 \\ +672209117 \end{array}$         | Morgan<br>Walker      |

| Name        | Organisation       | Department            | Email-Address     | Phone        | Manager     |
|-------------|--------------------|-----------------------|-------------------|--------------|-------------|
|             | Name               | Name                  |                   | Number(s)    |             |
| Flora Smith | Adjectival Compo-  | Consolidation         | fsmith@classicex- | +68621336927 |             |
|             | nents              |                       | ports.com.ki      | +68621336567 |             |
|             |                    |                       |                   | +68621336856 |             |
|             |                    |                       |                   | +68621336497 |             |
| Martin      | International Uni- | Statistical misinter- | mdavies@interna-  | +68621089624 | Matthew     |
| Davies      | versity            | pretation             | tionaluniversity  | +68621089528 | White       |
|             |                    |                       | .com.ki           | +68621089871 |             |
|             |                    |                       |                   | +68621089732 |             |
|             |                    |                       |                   |              |             |
| Mario Wil-  | Cut-Price Compo-   | Pest control          | mario5w6@cut-     | +672200715   | Matthew     |
| son         | nents              |                       | pricecomponents   | +672200340   | Walker      |
|             |                    |                       | .com.nf           | +672200149   |             |
| Mario Green | Classic Exports    | Environmental ex-     | mg11@adjectival-  | +672209921   | Mark Wat-   |
|             |                    | ploitation            | components.com    |              | son         |
|             |                    |                       | .nf               |              |             |
| Frances     | Adjectival Compo-  | Manufacture           | frances.cooper    | +68685957350 | Flora Smith |
| Cooper      | nents              |                       | @consolidated-    |              |             |
|             |                    |                       | nouns.com.ki      |              |             |
| Mark        | Adjectival Compo-  | Manufacture           | mt13@internation- | +68621089987 | Flora Smith |
| Thomp-      | nents              |                       | aluniversity.com  | +68621089856 |             |
| son         |                    |                       | .ki               | +68621089743 |             |
|             |                    |                       |                   | +68621089491 |             |
| Murray      | Consolidated       | Pest control          | murray6j7@clas-   | +68621336551 |             |
| Jackson     | Nouns              |                       | sicexports.com    | +68621336437 |             |
|             |                    |                       | .ki               |              |             |
| Freya James | Consolidated       | Statistical misinter- | freya5j5@interna- | +68621089395 | Murray      |
|             | Nouns              | pretation             | tionaluniversity  | +68621089029 | Jackson     |
|             |                    |                       | .com.ki           | +68621089237 |             |
|             |                    |                       |                   |              |             |

| Name         | Organisation       | Department            | Email-Address        | Phone                    | Manager     |
|--------------|--------------------|-----------------------|----------------------|--------------------------|-------------|
|              | Name               | Name                  |                      | Number(s)                |             |
| Fleur Martin | Cut-Price Compo-   | Rhetorical devices    | fm16@consoli-        | +68685957928             | Mario Wil-  |
|              | nents              |                       | datednouns.com       |                          | son         |
|              |                    |                       | .ki                  |                          |             |
| Freda John-  | International Uni- | Diabolical schemes    | freda.johnson@cut-   | +672200538               | Matthew     |
| son          | versity            |                       | pricecomponents      | +672200606               | White       |
|              |                    |                       | .com.nf              | +672200840               |             |
| Fifi White   | Consolidated       | Pest control          | fifi.white@cutprice- | +672200917               | Freya James |
| I'm winte    | Nouns              | 1 est control         | components.com       | +672200917<br>+672200996 | rieya James |
|              | rouns              |                       | .nf                  | 012200330                |             |
| Mario        | Classic Exports    | market punctua-       | mw19@cutprice-       | +672200772               | Mark Wat-   |
| Williams     |                    | tion                  | components.com       | +672200725               | son         |
|              |                    |                       | .nf                  | +672200644               |             |
|              |                    |                       |                      | +672200590               |             |
| Frances      | International Uni- | Statistical misinter- | fj20@consolidated-   | +68685957542             | Matthew     |
| Johnson      | versity            | pretation             | nouns.com.ki         | +68685957464             | White       |
|              |                    |                       |                      |                          |             |
| Micah James  | Adjectival Compo-  | Manufacture           | micah5j5@clas-       | +68621336622             | Mark        |
|              | nents              |                       | sicexports.com       |                          | Thomp-      |
|              |                    |                       | .ki                  |                          | son         |
| Frances      | Consolidated       | Statistical misinter- | frances7g5@inter-    |                          | Fifi White  |
| Green        | Nouns              | pretation             | nationaluniversity   |                          |             |
| T1 TT        | CI I               | D                     | .com.ki              | . 40.401.996=00          | 3.5         |
| Flora Wat-   | Classic Exports    | Environmental ex-     | fw23@classicex-      | +68621336730             | Mario Green |
| son          |                    | ploitation            | ports.com.ki         |                          |             |

| Name         | Organisation       | Department            | Email-Address       | Phone        | Manager     |
|--------------|--------------------|-----------------------|---------------------|--------------|-------------|
|              | Name               | Name                  |                     | Number(s)    |             |
| Murray       | Consolidated       | Pest control          | murray.davies       | +68621089522 | Murray      |
| Davies       | Nouns              |                       | @internationaluni-  |              | Jackson     |
|              |                    |                       | versity.com.ki      |              |             |
| Morgan       | International Uni- | Statistical misinter- | morgan.williams     | +68685957637 | Freya Lewis |
| Williams     | versity            | pretation             | @consolidated-      | +68685957062 |             |
|              |                    |                       | nouns.com.ki        | +68685957624 |             |
|              |                    |                       |                     | +68685957600 |             |
| Fran         | Adjectival Compo-  | Consolidation         | fran4t6@adjectival- | +672209071   | Mark        |
| Thomas       | nents              |                       | components.com      | +672209973   | Thomp-      |
|              |                    |                       | .nf                 | +672209131   | son         |
|              |                    |                       |                     |              |             |
| Fiona Taylor | Classic Exports    | Marketing             | ftaylor@adjectival- | +672209199   | Mark Wat-   |
|              |                    |                       | components.com      | +672209981   | son         |
|              |                    |                       | .nf                 | +672209899   |             |
|              |                    |                       |                     |              |             |
| Frances King | Cut-Price Compo-   | Environmental pro-    | fking@adjectival-   |              | Mario Wil-  |
|              | nents              | tection               | components.com      |              | son         |
|              |                    |                       | .nf                 |              |             |
| Martin Tay-  | Cut-Price Compo-   | Rhetorical devices    | mt29@consoli-       |              | Matthew     |
| lor          | nents              |                       | datednouns.com      |              | Walker      |
|              |                    |                       | .ki                 |              |             |
| Freda Green  | Consolidated       | Pest control          | fg30@cutprice-      |              | Fifi White  |
|              | Nouns              |                       | components.com      |              |             |
|              |                    |                       | .nf                 |              | 3.5         |
| Frances      | Classic Exports    | market punctua-       | fj31@adjectival-    | +672209172   | Mario       |
| Jackson      |                    | tion                  | components.com      | +672209659   | Williams    |
|              |                    |                       | .nf                 | +672209009   |             |
|              |                    |                       |                     |              |             |

| Name               | Organisation<br>Name     | Department<br>Name                 | Email-Address                                       | Phone<br>Number(s)  | Manager            |
|--------------------|--------------------------|------------------------------------|---|---|--------------------|
| Fiona<br>Thomas    | Adjectival Components    | Consolidation                      | ft32@adjectival-<br>components.com<br>.nf           | +672209713  | Frances<br>Cooper  |
| Matthew<br>Jackson | Adjectival Components    | Consolidation                      | matthew7j7@clas-<br>sicexports.com<br>.ki           | +68621336904  | Frances<br>Cooper  |
| Flora<br>Cooper    | Adjectival Components    | Consolidation                      | flora.cooper@cut-<br>pricecomponents<br>.com.nf     | $\begin{array}{r} +672200127 \\ +672200150 \\ +672200984 \end{array}$ | Micah James        |
| Mark White         | Classic Exports          | Marketing                          | mark.white@inter-<br>nationaluniversity<br>.com.ki  | +68621089081  | Frances<br>Jackson |
| Mitchell Lee       | Adjectival Components    | Manufacture                        | mitchell.lee@con-<br>solidatednouns.com<br>.ki      |   | Flora Smith        |
| Murray Watson      | Adjectival Components    | Consolidation                      | mw37@consoli-<br>datednouns.com<br>.ki              | $+68685957898 \\ +68685957713$  | Flora<br>Cooper    |
| Fiona Jones        | Cut-Price Components     | Pest control                       | fiona.jones@inter-<br>nationaluniversity<br>.com.ki | +68621089819  | Mario Wilson       |
| Fran Wood          | International University | Statistical misinter-<br>pretation | fran4w4@adjecti-<br>valcomponents.com<br>.nf        | +672209769<br>+672209273<br>+672209776<br>+672209850                  | Martin<br>Davies   |

| Name                 | Organisation<br>Name     | Department<br>Name                 | Email-Address  | Phone<br>Number(s)  | Manager            |
|----------------------|--------------------------|------------------------------------|--|---|--------------------|
| Mark Davies          | International University | Diabolical schemes                 | md40@consoli-<br>datednouns.com<br>.ki                 | +68685957205 $+68685957621$ $+68685957567$                                  | Morgan<br>Williams |
| Fleur<br>Cooper      | Consolidated<br>Nouns    | Statistical misinter-<br>pretation | fcooper@cutprice-<br>components.com<br>.nf             | +672200944<br>+672200202<br>+672200506<br>+672200784                        | Murray<br>Jackson  |
| Magnus<br>Johnson    | Classic Exports          | Diabolical schemes                 | magnus.johnson<br>@adjectivalcompo-<br>nents.com.nf    | +672209908<br>+672209958  | Mario<br>Williams  |
| Freda Robinson       | International University | Consolidation                      | freda.robinson<br>@internationaluni-<br>versity.com.ki | $\begin{array}{r} +68621089333 \\ +68621089133 \\ +68621089648 \end{array}$ | Fran Wood          |
| Francesca<br>Lewis   | Consolidated<br>Nouns    | Statistical misinter-<br>pretation | francesca9l5@con-<br>solidatednouns.com<br>.ki         | $+68685957500 \\ +68685957046 \\ +68685957788 \\ +68685957797$              | Fifi White         |
| Fiona Robinson       | International University | Consolidation                      | fiona5r8@cutprice-<br>components.com<br>.nf            | +672200253<br>+672200892  | Fran Wood          |
| Murray<br>Brown      | Cut-Price Components     | Rhetorical devices                 | murray.brown@ad-<br>jectivalcomponents<br>.com.nf      | $\begin{array}{c} +672209157 \\ +672209729 \\ +672209436 \end{array}$       | Fiona Jones        |
| Francesca<br>Jackson | Cut-Price Components     | Rhetorical devices                 | fjackson@consol-<br>idatednouns.com<br>.ki             | +68685957027 $+68685957050$ $+68685957748$                                  | Fay Harris         |