

## 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 cn=example,cn=com 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 domainname fish.com would be inserted as cn=fish,cn=com,cn=example,cn=com.

You should create a single LDIF file that can be imported using the **ldapadd** command.

#### 1.1 Organisations

| Organisation Name          | Internet Domain                 | Country                        |
|----------------------------|---------------------------------|--------------------------------|
| Conglomerated Exports      | conglomeratedexports.com.au     | Australia                      |
| Universal Resources        | universalresources.com.nf       | Norfolk Island                 |
| Trans-Urannic Outsourcing  | transurannicoutsourcing.com.au  | Australia                      |
| Trans-Urannic Developments | transurannicdevelopments.com.aq | Australian Antarctic Territory |
| Universal Outsourcing      | universaloutsourcing.com.ki     | Kiribati                       |

#### 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          |
|----------------------------|----------------------------|----------------------------|
| Conglomerated Exports      | Pest control               |                            |
| Conglomerated Exports      | Diabolical schemes         | Pest control               |
| Universal Resources        | Interplanetary exploration |                            |
| Universal Resources        | Environmental protection   | Interplanetary exploration |
| Trans-Urannic Outsourcing  | Interplanetary exploration |                            |
| Trans-Urannic Outsourcing  | Inhuman resources          | Interplanetary exploration |
| Trans-Urannic Outsourcing  | Environmental exploitation | Interplanetary exploration |
| Trans-Urannic Outsourcing  | Environmental protection   | Interplanetary exploration |
| Trans-Urannic Developments | Pest control               |                            |
| Trans-Urannic Developments | Manufacture                | Pest control               |
| Trans-Urannic Developments | Interior decoration        | Manufacture                |
| Universal Outsourcing      | Excessive hierarchy        |                            |
| Universal Outsourcing      | Marketing                  | Excessive hierarchy        |



### 1.3 People

| Name            | Organisation Name          | Department Name          | Email-Address                                   | Phone Number(s)  | Manager        |
|-----------------|----------------------------|--------------------------|---|--|----------------|
| Francesca Jones | Conglomerated Exports      | Diabolical schemes       | francesca.jones@conglomeratedexports.com.au     | +61892561893<br>+61892561139                                 |                |
| Freya Thomas    | Universal Resources        | Environmental protection | freya5t6@transurannicoutsourcing.com.au         | +61329517980   |                |
| Fran King       | Universal Resources        | Environmental protection | fk2@universalresources.com.nf                   | +672208211<br>+672208934<br>+672208792<br>+672208845         | Freya Thomas   |
| Mark Williams   | Trans-Urannic Developments | Manufacture              | mark.williams@transurannicoutsourcing.com.au    | +61329517190<br>+61329517197<br>+61329517727                 |                |
| Mitchell Jones  | Trans-Urannic Developments | Manufacture              | mitchell.jones@transurannicoutsourcing.com.au   | +61329517964<br>+61329517107<br>+61329517036<br>+61329517179 | Mark Williams  |
| Fran Jones      | Universal Outsourcing      | Marketing                | fran4j5@transurannicdevelopments.com.aq         | +672116137   |                |
| Murray Williams | Trans-Urannic Developments | Pest control             | murray.williams@transurannicdevelopments.com.aq | +672116081   | Mitchell Jones |
| Fleur Evans     | Trans-Urannic Developments | Manufacture              | fevans@transurannicdevelopments.com.aq          |  | Mitchell Jones |

| Name           | Organisation Name          | Department Name            | Email-Address                                 | Phone Number(s)  | Manager        |
|----------------|----------------------------|----------------------------|---|--|----------------|
| Murphey Jones  | Trans-Urannic Outsourcing  | Environmental exploitation | mjones@universalresources.com.nf              | +672208029<br>+672208135                                     |                |
| Fleur Wilson   | Trans-Urannic Developments | Pest control               | fleur5w6@transurannicdevelopments.com.aq      | +672116990<br>+672116388<br>+672116047                       | Mitchell Jones |
| Martin Jackson | Trans-Urannic Outsourcing  | Interplanetary exploration | martin.jackson@transurannicoutsourcing.com.au | +61329517615   | Murphey Jones  |
| Fiona Martin   | Universal Outsourcing      | Excessive hierarchy        | fiona5m6@transurannicoutsourcing.com.au       | +61329517202<br>+61329517511<br>+61329517922<br>+61329517551 | Fran Jones     |
| Freda Martin   | Trans-Urannic Developments | Manufacture                | freda.martin@universalresources.com.nf        | +672208091<br>+672208606<br>+672208916                       | Mitchell Jones |
| Mark Wood      | Trans-Urannic Developments | Interior decoration        | mw13@transurannicdevelopments.com.aq          |  | Freda Martin   |
| Mark Taylor    | Trans-Urannic Outsourcing  | Inhuman resources          | mtaylor@universalresources.com.nf             | +672208520   | Murphey Jones  |
| Mitchell White | Universal Resources        | Interplanetary exploration | mwhite@conglomeratedexports.com.au            | +61892561189<br>+61892561942<br>+61892561206                 | Freya Thomas   |

| <b>Name</b>    | <b>Organisation Name</b>   | <b>Department Name</b>     | <b>Email-Address</b>                  | <b>Phone Number(s)</b>                       | <b>Manager</b> |
|----------------|----------------------------|----------------------------|---------------------------------------|--|----------------|
| Fiona Taylor   | Trans-Urannic Developments | Interior decoration        | ft16@transurannicoutsourcing.com.au   | +61329517445<br>+61329517140<br>+61329517124 | Fleur Evans    |
| Mark Thompson  | Trans-Urannic Outsourcing  | Environmental protection   | mt17@conglomeratedexports.com.au      | +61892561412                                 | Martin Jackson |
| Fay Lee        | Trans-Urannic Outsourcing  | Environmental exploitation | flee@universalresources.com.nf        | +672208962<br>+672208070<br>+672208979       | Mark Taylor    |
| Fiona Cooper   | Trans-Urannic Outsourcing  | Environmental exploitation | fc19@conglomeratedexports.com.au      |  | Mark Taylor    |
| Magnus Thomas  | Universal Resources        | Environmental protection   | mt20@universalresources.com.nf        | +672208238<br>+672208875<br>+672208222       | Fran King      |
| Micah White    | Trans-Urannic Developments | Manufacture                | micah.white@universalresources.com.nf |  | Fleur Evans    |
| Fiona King     | Universal Resources        | Environmental protection   | fk22@universalresources.com.nf        | +672208830                                   | Mitchell White |
| Martin Johnson | Trans-Urannic Outsourcing  | Inhuman resources          | mjohnson@universaloutsourcing.com.ki  |  | Murphey Jones  |

| Name             | Organisation Name          | Department Name            | Email-Address                          | Phone Number(s)  | Manager         |
|------------------|----------------------------|----------------------------|--|--|-----------------|
| Mark Brown       | Trans-Urannic Outsourcing  | Environmental exploitation | mark4b5@universaloutsourcing.com.ki    | +68634388078<br>+68634388729                                 | Mark Taylor     |
| Murphey Roberts  | Trans-Urannic Developments | Interior decoration        | mroberts@conglomeratedexports.com.au   | +61892561801<br>+61892561207<br>+61892561783<br>+61892561462 | Mark Wood       |
| Martin Lee       | Conglomerated Exports      | Pest control               | martin.lee@conglomeratedexports.com.au |  | Francesca Jones |
| Matthew Thompson | Universal Resources        | Interplanetary exploration | mt27@universalresources.com.nf         | +672208947<br>+672208622<br>+672208194<br>+672208934         | Fran King       |
| Morgan Wilson    | Trans-Urannic Developments | Interior decoration        | morgan6w6@universaloutsourcing.com.ki  | +68634388359<br>+68634388226<br>+68634388335                 | Murphey Roberts |
| Mario King       | Conglomerated Exports      | Pest control               | mking@universaloutsourcing.com.ki      | +68634388448   | Francesca Jones |
| Freya Wright     | Universal Outsourcing      | Marketing                  | fw30@universaloutsourcing.com.ki       | +68634388718<br>+68634388161<br>+68634388754<br>+68634388141 | Fiona Martin    |
| Fleur Green      | Universal Outsourcing      | Marketing                  | fleur5g5@conglomeratedexports.com.au   | +61892561649<br>+61892561151<br>+61892561713                 | Freya Wright    |

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| Name            | Organisation Name         | Department Name            | Email-Address                                | Phone Number(s)  | Manager      |
|-----------------|---------------------------|----------------------------|--|--|--------------|
| Fiona Walker    | Conglomerated Exports     | Diabolical schemes         | fiona.walker@transurannicdevelopments.com.aq | +672116200<br>+672116114<br>+672116751                       | Mario King   |
| Fay Cooper      | Trans-Urannic Outsourcing | Interplanetary exploration | fay3c6@transurannicdevelopments.com.aq       | +672116452   | Fay Lee      |
| Flora Jackson   | Trans-Urannic Outsourcing | Interplanetary exploration | fj34@transurannicoutsourcing.com.au          | +61329517447<br>+61329517570<br>+61329517427<br>+61329517908 | Mark Taylor  |
| Magnus Evans    | Universal Outsourcing     | Excessive hierarchy        | mevans@conglomeratedexports.com.au           |  | Fleur Green  |
| Frances Green   | Conglomerated Exports     | Diabolical schemes         | fgreen@universaloutsourcing.com.ki           | +68634388500<br>+68634388850<br>+68634388267<br>+68634388917 | Fiona Walker |
| Magnus Williams | Trans-Urannic Outsourcing | Inhuman resources          | mw37@universaloutsourcing.com.ki             | +68634388678   | Fay Lee      |
| Magnus Smith    | Universal Outsourcing     | Excessive hierarchy        | magnus6s5@transurannicoutsourcing.com.au     | +61329517120   | Fiona Martin |
| Freda Davies    | Universal Outsourcing     | Marketing                  | freda5d6@transurannicoutsourcing.com.au      |  | Fran Jones   |



| Name           | Organisation Name          | Department Name            | Email-Address                                  | Phone Number(s)  | Manager          |
|----------------|----------------------------|----------------------------|--|--|------------------|
| Martin Harris  | Trans-Urannic Outsourcing  | Inhuman resources          | mh40@transurannicdevelopments.com.aq           | +672116081   | Mark Taylor      |
| Mitchell Lewis | Conglomerated Exports      | Pest control               | mlewis@conglomeratedexports.com.au             | +61892561071<br>+61892561053<br>+61892561910                 | Fiona Walker     |
| Fran Walker    | Universal Resources        | Interplanetary exploration | fran4w6@transurannicdevelopments.com.aq        | +672116360<br>+672116693<br>+672116048                       | Matthew Thompson |
| Magnus Jackson | Trans-Urannic Outsourcing  | Interplanetary exploration | magnus6j7@transurannicoutsourcing.com.au       | +61329517561<br>+61329517959<br>+61329517548<br>+61329517414 | Murphey Jones    |
| Murphey Clarke | Trans-Urannic Outsourcing  | Environmental exploitation | murphey7c6@universaloutsourcing.com.ki         | +68634388120<br>+68634388251<br>+68634388304                 | Fay Cooper       |
| Fay Wood       | Trans-Urannic Developments | Interior decoration        | fw45@transurannicoutsourcing.com.au            | +61329517292   | Freda Martin     |
| Matthew Clarke | Universal Outsourcing      | Marketing                  | matthew.clarke@transurannicdevelopments.com.aq | +672116436<br>+672116805                                     | Freda Davies     |
| Mark Thomas    | Universal Outsourcing      | Marketing                  | mark4t6@conglomeratedexports.com.au            | +61892561460<br>+61892561050<br>+61892561548<br>+61892561660 | Matthew Clarke   |