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 | | |
| Neo-Imperial Ex- | neoimperialexports.com.aq | Australian Antarc- |
| ports | | tic Territory |
| Lanthanide Pro- | lanthanideproductions.com.nz | New Zealand |
| ductions | | |
| Unimaginable Uni- | unimaginableuniversity.com.ki | Kiribati |
| versity | | |
| Monopolistic Used | monopolisticusedvehicles.com.aq | Australian Antarc- |
| Vehicles | | tic Territory |
| Monopolistic Trad- | monopolistictradingcompany | New Zealand |
| ing Company | .com.nz | |

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 | | |
|-------------------------|----------------------------|--------------------------|--|--|
| Neo-Imperial Exports | Sub-divisions | | | |
| Neo-Imperial Exports | Pest control | Sub-divisions | | |
| Lanthanide Productions | Consolidation | | | |
| Lanthanide Productions | Research | Consolidation | | |
| Lanthanide Productions | Human resources | Research | | |
| Lanthanide Productions | Environmental protection | Research | | |
| Unimaginable University | Misappropriation | | | |
| Unimaginable University | Manufacture | Misappropriation | | |
| Unimaginable University | Embezzelment | Misappropriation | | |
| Monopolistic Used Vehi- | market punctuation | | | |
| cles | | | | |
| Monopolistic Used Vehi- | Environmental protection | market punctuation | | |
| cles | | | | |
| Monopolistic Used Vehi- | Manufacture | Environmental protection | | |
| cles | | | | |
| Monopolistic Trading | Finance | | | |
| Company | | | | |
| Monopolistic Trading | Statistical misinterpreta- | Finance | | |
| Company | tion | | | |



1.3 People

| Name | Organisation | Department | Email-Address | Phone | Manager |
|-------------|--|-----------------------|--------------------|-------------|-------------|
| | Name | Name | | Number(s) | |
| Magnus Tay- | Lanthanide Pro- | Environmental pro- | mtaylor@monop- | | |
| lor | ductions | tection | olistictradingcom- | | |
| | | | pany.com.nz | | |
| Mario Lewis | Lanthanide Pro- | Human resources | mario5l5@lan- | +6589895177 | Magnus Tay- |
| | ductions | | thanideproductions | | lor |
| | | | .com.nz | | |
| Magnus | Monopolistic Used | market punctua- | ml2@monopolis- | | |
| Lewis | Vehicles | tion | tictradingcompany | | |
| | | | .com.nz | | |
| Micah Wood | Monopolistic Used | market punctua- | micah5w4@lan- | +6589895625 | Magnus |
| | Vehicles | tion | thanideproductions | +6589895482 | Lewis |
| | | | .com.nz | +6589895814 | |
| | | | | +6589895077 | |
| Francesca | Unimaginable Uni- | Manufacture | fc4@unimagin- | | |
| Cooper | versity | | ableuniversity.com | | |
| _ | , and the second | | .ki | | |
| Frances | Lanthanide Pro- | Human resources | fwilliams@lan- | | Magnus Tay- |
| Williams | ductions | | thanideproductions | | lor |
| | | | .com.nz | | |
| Fran | Monopolistic Trad- | Statistical misinter- | ft6@neoimperialex- | +672101935 | |
| Thomas | ing Company | pretation | ports.com.aq | | |
| Mark Martin | Unimaginable Uni- | Embezzelment | mm7@lanthanide- | +6589895749 | Francesca |
| | versity | | productions.com | +6589895275 | Cooper |
| | | | .nz | +6589895569 | |
| | | | | | |

| Name | Organisation | Department | Email-Address | Phone | Manager |
|-------------|--------------------|-----------------------|--------------------------|-------------|-------------|
| | Name | Name | | Number(s) | |
| Fran Evans | Unimaginable Uni- | Embezzelment | fran4e5@lan- | +6589895884 | Mark Martin |
| | versity | | thanideproductions | +6589895991 | |
| | | | .com.nz | +6589895579 | |
| | | | | | |
| Frances | Lanthanide Pro- | Research | ft9@monopolistic- | | Mario Lewis |
| Thompson | ductions | | tradingcompany | | |
| | | | .com.nz | | |
| Frances | Neo-Imperial Ex- | Sub-divisions | frances7r7@mo- | +6505679264 | |
| Roberts | ports | | nopolistictrad- | +6505679521 | |
| | | | ingcompany.com | +6505679171 | |
| M: 1 D | N I 'I D | 0 1 1: : : | .nz | . 050005001 | Б |
| Micah Evans | Neo-Imperial Ex- | Sub-divisions | mevans@lan- | +6589895381 | Frances |
| | ports | | thanideproductions | | Roberts |
| Micah | Monopolistic Used | Environmental pro- | .com.nz mthompson@mo- | +6505679990 | Micah Wood |
| Thompson | Vehicles Vehicles | tection tection | nopolistictrad- | +6505679422 | Mican wood |
| 1 nompson | venicles | tection | ingcompany.com | +6505679305 | |
| | | | .nz | +6505679570 | |
| | | | .112 | | |
| Murray | Unimaginable Uni- | Embezzelment | murray.robinson | +672112596 | Fran Evans |
| Robinson | versity | Ziiio ozzoiiiioiio | @monopolisti- | | Train Evans |
| | | | cusedvehicles.com | | |
| | | | .aq | | |
| Martin | Monopolistic Trad- | Statistical misinter- | mc14@monopolis- | +6505679010 | Fran |
| Clarke | ing Company | pretation | tictradingcompany | | Thomas |
| | | | .com.nz | | |
| Mario Wat- | Monopolistic Used | market punctua- | mario.watson | +6505679779 | Micah Wood |
| son | Vehicles | tion | @monopolistictrad- | +6505679273 | |
| | | | ingcompany.com | +6505679750 | |
| | | | .nz | | |

| Name | Organisation Name | Department Name | Email-Address | Phone Number(s) | Manager |
|------------------|------------------------------|------------------------------------|---|---|---------------------|
| Martin James | Lanthanide Productions | Research | martin6j5@mo- nopolistictrad- ingcompany.com .nz | +6505679736 | Magnus Taylor |
| Magnus Wood | Neo-Imperial Exports | Pest control | mwood@monopolisticusedvehicles .com.aq | +672112282 +672112962 +672112613 +672112968 | Frances Roberts |
| Murray Walker | Unimaginable University | Embezzelment | mw18@monopolis- tictradingcompany .com.nz | +6505679616 | Murray Robinson |
| Micah Clarke | Lanthanide Productions | Consolidation | micah.clarke @unimaginable- university.com .ki | | Frances Thompson |
| Magnus Harris | Lanthanide Productions | Consolidation | magnus6h6 @unimaginable- university.com .ki | +68685311493 +68685311670 | Frances Thompson |
| Micah Thomas | Monopolistic Trading Company | Statistical misinter- pretation | micah5t6@unimag- inableuniversity .com.ki | $\begin{array}{c} +68685311227 \\ +68685311335 \\ +68685311885 \\ +68685311195 \end{array}$ | Martin Clarke |
| Fiona Lee | Unimaginable University | Misappropriation | fl22@unimagin- ableuniversity.com .ki | $\begin{array}{c} +68685311000 \\ +68685311737 \\ +68685311986 \\ +68685311852 \end{array}$ | Fran Evans |
| Freda King | Lanthanide Productions | Human resources | fk23@unimagin- ableuniversity.com .ki | $+68685311652 \\ +68685311864 \\ +68685311177$ | Frances Thompson |

| Name | Organisation | Department | Email-Address | Phone | Manager |
|--------------------|-------------------------------|------------------------------------|--|---|-------------------|
| | Name | Name | | Number(s) | |
| Francesca Brown | Neo-Imperial Exports | Pest control | francesca.brown @unimaginable- university.com .ki | +68685311230 +68685311021 | Micah Evans |
| Fifi Wright | Monopolistic Trading Company | Finance | fw25@neoimpe- rialexports.com .aq | | Micah Thomas |
| Martin Lee | Monopolistic Used Vehicles | Environmental protection | ml26@monopolisti- cusedvehicles.com .aq | | Mario Wat- son |
| Flora Wood | Monopolistic Used Vehicles | market punctua- tion | fw27@lanthanide- productions.com .nz | +6589895724 | Micah Wood |
| Morgan Jones | Lanthanide Productions | Consolidation | morgan.jones @unimaginable- university.com .ki | $\begin{array}{r} +68685311957 \\ +68685311577 \\ +68685311346 \end{array}$ | Frances Thompson |
| Fiona Jones | Monopolistic Trading Company | Statistical misinter- pretation | fiona5j5@monop- olistictradingcom- pany.com.nz | $\begin{array}{c} +6505679911 \\ +6505679509 \\ +6505679862 \end{array}$ | Martin Clarke |
| Frances Wood | Neo-Imperial Exports | Pest control | frances.wood @monopolisti- cusedvehicles.com .aq | $+672112928 \\ +672112293 \\ +672112101$ | Magnus Wood |
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| Name | Organisation | Department | Email-Address | Phone | Manager |
|-------------|--------------------|-----------------------|---------------------|----------------------|-------------|
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| Walker | ing Company | pretation | ableuniversity.com | +68685311768 | |
| | | | .ki | | |
| Fran Green | Lanthanide Pro- | Consolidation | fgreen@neoimpe- | +672101020 | Magnus Har- |
| | ductions | | rialexports.com | | ris |
| | | | .aq | | |
| Fiona Smith | Unimaginable Uni- | Embezzelment | fiona.smith@mo- | +672112431 | Murray |
| | versity | | nopolisticusedvehi- | +672112770 | Robinson |
| | | | cles.com.aq | +672112726 | |
| | | | | | |
| Matthew | Monopolistic Used | Environmental pro- | matthew.wilson | | Martin Lee |
| Wilson | Vehicles | tection | @monopolisti- | | |
| | | | cusedvehicles.com | | |
| | | | .aq | | |
| Murray | Monopolistic Used | market punctua- | murray6j7@lan- | +6589895541 | Martin Lee |
| Johnson | Vehicles | tion | thanideproductions | +6589895039 | |
| | | | .com.nz | +6589895553 | |
| | | | | | |
| | Lanthanide Pro- | Environmental pro- | flora5b5@monop- | +672112719 | Martin |
| | ductions | tection | olisticusedvehicles | +672112368 | James |
| | | | .com.aq | +672112636 | |
| | | | | +672112684 | |
| | | | | | |
| Murray | Unimaginable Uni- | Manufacture | mjones@neoim- | +672101386 | Mark Martin |
| Jones | versity | | perialexports.com | +672101249 | |
| | | | .aq | +672101587 | |
| | | | | | |
| Fran Walker | Monopolistic Used | Environmental pro- | fwalker@unimagin- | +68685311965 | Murray |
| | Vehicles | tection | ableuniversity.com | +68685311046 | Johnson |
| | | | .ki | +68685311009 | |
| | | | | +68685311507 | |
| | | | | | |

| Name | Organisation | Department | Email-Address | Phone | Manager |
|-------------|--------------------|-----------------------|---------------------|------------------------|-------------|
| | Name | Name | | Number(s) | |
| Mario Lee | Unimaginable Uni- | Embezzelment | mario5l3@unimag- | +68685311535 | Fiona Smith |
| | versity | | inableuniversity | +68685311224 | |
| | | | .com.ki | +68685311114 | |
| | | | | +68685311903 | |
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| Fifi Watson | Lanthanide Pro- | Human resources | fwatson@neoim- | +672101913 | Martin |
| | ductions | | perialexports.com | +672101790 | James |
| | | | .aq | +672101517 | |
| | | | | +672101514 | |
| | 1 | | | | 7.5. |
| Fiona Jack- | Monopolistic Trad- | Statistical misinter- | fiona5j7@neoim- | +672101916 | Micah |
| son | ing Company | pretation | perialexports.com | +672101891 | Thomas |
| | | | .aq | +672101415 +672101277 | |
| | | | | +072101277 | |
| Fleur Lee | Monopolistic Used | Environmental pro- | fleur.lee@neoim- | +672101544 | Mario Wat- |
| 11041 200 | Vehicles | tection | perialexports.com | +672101468 | son |
| | | | aq | +672101214 | ~ |
| | | | 1 | · | |
| Mario John- | Monopolistic Used | Environmental pro- | mario5j7@neoim- | +672101267 | Matthew |
| son | Vehicles | tection | perialexports.com | +672101628 | Wilson |
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| | | | | | |
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| | ductions | | ticusedvehicles.com | | |
| 7. | | | .aq | | |
| Murray King | Lanthanide Pro- | Research | mking@lanthanide- | +6589895377 | Frances |
| | ductions | | productions.com | | Williams |
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| Matthew | Unimaginable Uni- | Manufacture | msmith@monopo- | | Mario Lee |
| Smith | versity | | listictradingcom- | | |
| | | | pany.com.nz | | |