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There is a single CLI, `nwamcfg (1m)`, which serves for both configuration and administration. It borrows much from `zonecfg (1m)`: the concepts of *scope*, the terms *resources* and *properties*, and much of the syntax is similar. Here is sample session:

```
# nwamcfg
nwamcfg> create env
nwamcfg:env> set name=swan
nwamcfg:env> add profile
Enter nodename: laptop
Enter nfs_domain: sun.com
Enter dns_domain: sun.com
Enter ns file: /etc/nsswitch.dns
Enter proxy file: swan.pac
Enter ipf file: /etc/ipf/ipf.conf
Enter ipsec file:
Enter smf_svc file: smf_svc_info
End of walk.
nwamcfg:env> add condition ip_address in 129.144/12
nwamcfg:env> set priority=1
nwamcfg:env> end
nwamcfg> activate env home
nwamcfg> select ncp main
nwamcfg:ncp> insert ncu
nwamcfg:ncp:ncu> set type=link
nwamcfg:ncp:ncu> set name=bge0
nwamcfg:ncp:ncu> end
nwamcfg:ncp> end
nwamcfg> exit
#
```

Here is a syntax breakdown; commands valid in all scopes:

- `exit`
- `help`
- `info`

global scope:

- `create resource`
- `select resource name`

- `destroy resource name`
- `activate resource name`
- `commit`
- `export`
- `import`

valid one-level resources:

- `env`

valid two-level resources:

- `ncp`

one-level resource scope:

- `walk`
- `set simple-property=value`
- `add list-property value`
- `end`

two-level resource scope:

- `insert sub-resource`
- `select sub-resource name`
- `delete sub-resource name`
- `set simple-property=value`
- `add list-property value`
- `end`

valid sub-resources for ncp:

- `ncu`

properties for various resources

resource	simple properties	list properties
env		profile, priority, condition
all NCUs	type, class, name, activation, over, under	contingency
link-type NCUs	devname, linkid, macaddr, macaddr_mode, mtu	autopush
link/phys NCUs	speed, duplex, jumbo	
link/vlan NCUs	vid	
link/aggr NCUs	key, nports, lacp_mode, lacp_timer	ports
link/iptun NCUs	tunnel_type, tsrc, tdst, encr_alg, encr_auth_alg, auth_alg	
ip NCUs	version, addr, timeout (if dhcp), fallback_addr (if dhcp)	addrsrc
ip/ipmp NCUs	v4_test_addr	

property details:

- most *value* entries are simple strings; two special cases below
 - *value* := *string*
- special case 1: condition
 - *condition* := *simple-condition* | ["("] *condition bop condition* [")"]
 - *bop* := "and" | "or"
 - *simple-condition* := *tag operator operand*
 - *tag* := "ip_address" | "domain_name" | "ssid" | "bssid"
 - *operator* := "==" | "!=" | "in" | "range" | "begins" | "ends" | "contains" | "!contains"
 - *operand* := *IP address* ["/" *prefix-length*] | *string*
 - special case when *operator* is "range":
 - *operand* := *IP address* "-" *IP address*
- special case 2: contingent
 - *contingent* := *cop ncu-name*
 - *cop* := "require" | "optional" | "exclude"
 - *ncu-name* := *string*