



Codes and Formats

This chapter provides information about the CLI status codes, and the import and export formats.

Status Returns

The **nrcmd** program returns status information on the first line of information written to the standard output stream. If there is more data, **nrcmd** displays this information on additional lines.

The first line consists of a numeric status that is followed by a human-readable error status.

The status codes are all three-digit integer decimal numbers. The range 100 through 599 is grouped as in [Table 4-1](#).

Table 4-1 Status Information

Value	Description
100-199	Normal return
200-299	Informational (warning)
300-499	Error
500-599	Fatal Error

For anything other than an error, Network Registrar assumes that the requested operation was completed; however, some warning messages signal a condition that must be corrected. Unless a fatal error occurs, the command line interface will keep running in interactive mode. Fatal errors imply that something serious happened and that you must restart the Network Registrar command line processor.

Network Registrar Error Codes

Table 4-2 lists and describes the Network Registrar error codes.

Table 4-2 Error Codes

Number	Description
100	OK
101	OK, with warnings

Table 4-2 Error Codes (continued)

Number	Description
102	Lease already reserved to this client
103	Lease not reserved
104	Lease deleted along with reservation
105	Lease created along with reservation
106	Assertion failed
107	VPNID currently in use by at least one scope
204	Assigned host is not contained in pool zone
300	Unexpected error
301	No server found
302	Not found
303	Read only property
304	No policy found
305	Too many
306	Unknown command
307	Unknown keyword
308	Unknown parameter
309	Too many arguments
310	Too few arguments
311	No response to lease request
312	Unexpected response from server
313	No match
314	Duplicate object
315	Import failure
316	Invalid
317	Open failed
318	No MAC address found
319	No lease found
320	Generic error
321	Invalid name
322	Feature not supported
323	Read error
324	Invalid IP address list
325	Invalid type
326	ODBC database access error
327	IP address not contained within pool subnet
328	Identical MX resource record already exists

Table 4-2 Error Codes (continued)

Number	Description
329	Identical TXT resource record already exists
330	Address is not contained in pool
331	Host is already assigned to an address
332	Address is already assigned to a host
333	No unassigned IP address found in pool
334	Address has not been assigned to a host
335	Static address pools are not enabled, create a pool to enable
336	Range overlaps another pool
337	Host has multiple IP address assignments
338	Address has multiple host assignments, must supply <name> argument
339	Expected unsigned 16-bit preference value
340	ODBC 3.x or higher required
350	Generic DHCP error
351	Cannot resolve partner name to an IP address
352	No failover object for specified partner
353	Still communicating with partner
354	Server is already in partner-down state
355	Can't set partner-down while in recover
356	Not allowed in read-only mode
357	Not a secondary
358	Not a primary
359	No zone matched
360	Forcexfer for this zone is already scheduled
361	Lease is not reserved
362	Scope unknown in server
363	Invalid IP address in server
364	Invalid MAC address in server
365	Failure creating MAC address in server
366	Unknown object in server
367	Command not supported by server
368	Bad length in server
369	Inconsistent scope in server
370	updateSMS not configured in server
371	Server out of memory
372	SMS interface .dll did not load correctly
373	updateSMS already processing in server

Table 4-2 Error Codes (continued)

Number	Description
374	Invalid word array
375	updateSMS invalid argument
376	Lease is reserved to a different client
377	Client already reserved a different lease
378	Field name or number not found
379	Suboption name or number already exists
380	Suboption name or number not found
381	Invalid character '-' in vendor-option name
382	Data not found for vendor-option
383	Field name or number already exists
384	counted-array can only be used with array types
385	Read-only attribute cannot be modified
386	Required attribute cannot be unset
387	Invalid vpn-id
388	Invalid IP address syntax
389	Invalid vpn name
390	Invalid IP address value
391	Invalid vpn specification
392	Cannot remove session's current vpn
393	Duplicate property
394	Invalid vpn-id specification
395	Lease has no scope pointer -- internal error
396	Invalid vpn-id specification
397	Expression too long
398	Insufficient memory
401	Login failure
402	Permission denied
403	Couldn't lock database
404	Login required
405	Invalid license key
406	A lock is required for this operation
407	Unable to release lock
408	Unable to obtain lock
409	Couldn't lock static address pool
501	Connection failure
502	Server failure

Table 4-2 Error Codes (continued)

Number	Description
503	Cluster version failure
504	Wrong license key type, local cluster key type needed
504	Wrong license key type, regional key type needed
505	Connected to wrong cluster type
506	Duplicate option id
507	Duplicate option name
508	Duplicate vendor-option-enterprise-id
509	Duplicate vendor-option-string
510	Version mismatch
511	No version found
512	Incomplete object
513	Incomplete attribute
514	Incomplete NLIST
515	Invalid repeat count

Import and Export File Formats

This section describes the import leases and export leases file format.

The syntax is:

field1|field2|field3|...

The fields are listed next. If, in the import file, you chose not to supply the information for an optional field, you need to use delimiters (|) so that the number of fields is still 12. For example, type xyzlabcll123:

- MAC address in xx:xx:xx:....:xx format (required)
- MAC address type (required)
- MAC address length (required)
- IP address in dotted decimal format, a.b.c.d (required)
- Start of lease time (GMT) (optional)
- Lease expiration time (GMT) (optional)
- Allowable extension time (GMT) (optional)
- Last transaction time (GMT) (optional)
- IP address of the DHCP server (optional)
- Host name (without domain) (optional)
- Domain name (optional)
- Client ID (optional)
- VPN (optional)

**Note**

For all the time fields, you can use either the number of seconds since 1970, or day, month, date, time, year format (Mon Apr 13 16:35:48 1998).
