

Adding Netmail Store Nodes

Upon boot of a new node onto the internal network via network boot, the CSN will automatically provide the needed configuration and software. With subsequent boots of a previously known node on the network, the CSN will recognize the Netmail Store node and use its previously assigned configuration to boot the node.

As of the 5.1 release, the CSN will automatically configure Netmail Store in multi-server mode to take advantage of all available CPU cores. The number of Netmail Store processes assigned to each node is dynamically determined based on system information provided by the node when it requests its network boot configuration. IP addresses are statically assigned to each node and then maintained by a CSN process that pings each node every 5 minutes. If a node has not responded to a ping in an hour, its IP address will be released and a new one assigned if the node should come back online at a later time. The maximum number of allowed processes per node (no default), the interval at which nodes are pinged (default 5 minutes) and the length of time the CSN waits before releasing the IP address for a node that has not responded (default 1 hour) are all configurable. Please contact your support representative for instructions on modifying these parameters.

A list of all IP address assignments and the associated node's MAC address can be obtained by running the following command line script:

```
/opt/caringo/csn/bin/ip-assignments
```

MAC addresses will appear multiple times in the output if the nodes have enough CPU cores to support more than one Netmail Store process. The script will not return any results if no storage nodes have been booted yet from a CSN running 2.x software. Node IPs assigned previously under the previous version of CSN will not appear in the script output until the nodes have been rebooted under a 5.1 CSN.