**Cached certificate for ca failed: header too long**

**Symptom**

Puppet runs fail with this error:

Error: Cached certificate for ca failed: header too long

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Error: Could not request certificate:

Exiting; failed to retrieve certificate and waitforcert is disabled

**Resolution**

Check for any zero-byte certificate files:

$ sudo find /var/lib/puppet/ssl -size 0 -ls

16835388 0 -rw-r--r-- 1 puppet puppet 0 May 17 13:34 /var/lib/puppet/ssl/certs/ca.pem

8400722 0 -rw-r--r-- 1 puppet puppet 0 May 17 13:34 /var/lib/puppet/ssl/crl.pem

If the 'find' check finds any zero-byte certificate files, delete them and re-run puppet:

$ sudo find /var/lib/puppet/ssl -size 0 -delete

$ sudo puppet agent -t