

# Install munge service onto nodes

Note: the process is the same for the controller node and worker nodes

1. Install munge service
  1. `sudo yum install munge munge-devel munge-libs`
2. `munge -n | unmunge | grep STATUS`
  1. Verify munge installed
3. Create munge key
  1. `sudo /usr/sbin/create-munge-key`
4. Change permissions for munge libs to be changed to root user
  1. `sudo chown -R munge: /etc/munge/ /var/log/munge/ /var/lib/munge/ /run/munge/`
  2. `sudo chmod 0700 /etc/munge/ /var/log/munge/ /var/lib/munge/`
  3. `sudo chmod 0755 /run/munge/`
  4. `sudo chmod 0700 /etc/munge/munge.key`
  5. `sudo chown -R munge: /etc/munge/munge.key`
5. Start munge and enable it
  1. `systemctl enable munge`
  2. `sudo systemctl start munge`
  3. `systemctl restart munge`
6. Verify munge is active
  1. `sudo systemctl status munge`
7. We can make sure everything is installed correctly again and we should see success returned
  1. `munge -n | unmunge | grep STATUS`