



## Network Registrar Configuration File Example

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This appendix describes the configuration file example included with this installation. This file is typical of the files you use during the BPR installation.

### Configuration Script

This section describes the sample configuration script that you can copy and use to work with your BPR implementation.

This sample configuration **nrcmd** script ( **bpr\_cnr\_hsd\_sample\_config.nrcmd**) is used for a high-speed data deployment of DOCSIS modems and computers, in a multiple host configuration with failover protection. It is installed in this directory: `/opt/CSCObpr/cnr_ep/samples/`.

These assumptions have been made to create this script:

- DHCP primary server IP address is: 10.20.10.1
- DHCP backup server IP address is: 10.20.10.3
- TFTP primary server IP address is: 10.20.10.5
- TFTP backup server IP address is: 10.20.10.7
- DNS server IP address is: 10.20.10.9
- LDAP server IP address is: 10.20.10.11
- ToD server IP address is: 10.20.10.13

This sample script defines these objects:

- Scope selection tag objects for provisioned client classes.
- Client class objects for provisioned DOCSIS modems, and computers.
- Policy objects for unprovisioned and provisioned devices. The only difference is that DNS servers are not given to unprovisioned devices.
- Scope and scope policy objects for unprovisioned and provisioned DOCSIS modems, and Computers. The scope object option selection tags must include the `provcpetagUnProvisioned*` tags defined by BPR.
- Enable TFTP to start on reload.

The sample script also enables DHCP failover. To set up failover, a version of this script is applied to the primary and backup DHCP servers. This script is intended for the primary DHCP server. The only change needed on the backup server is to reference the backup TFTP server.

To run this script, enter:

```
nrcmd> -b -N admin -P changeme < csrc_cnr_hsd_sample_config.nrcmd
```