

## DCS startup options for connections

### 1) No connections

when the DCS starts up, all connections are reset to the 'off' state.

### 2) Last Known state (default action)

the DCS is continuously saving its connection state. If it does not go through an orderly shutdown, then, at start up, this saved state is used to restore the connections.

- Normally, this saved state is deleted during shut down, but the DCS can be configured to ALWAYS save this state and use it at startup.

The file `/etc/sysconfig/dcsSnmpAgent` must be edited, and the line **#export DCSALWAYSRESTORE="yes"**

must have the leading '#' removed. Then you may reboot the DCS, or run the command: 'service dcsSnmpAgent restart'.

- To prevent the system from restoring the last known state, delete the file:  
`/etc/snmp/snmpRestore`  
Then, reboot the DCS.

### 3) The DCS supports both one-to-one (point to point) and one-to-many (multicast) connections. The default is to allow multicast where possible. There DCS can be configured to only allow one-to-one connections. One-to-many is the default mode.

To enable one-to-one mode, you must create the file: `/etc/snmp/point2point`  
Then reboot the DCS.

## Default DCS configuration:

one-to-many (multicast)

At startup all connections are reset, UNLESS the system is recovering from an unexpected shutdown. In that event, the last known set of connections will be restored.