We want to test that config writings from YaST produces certain conflicts.

The implementation as now, contains a couple of yast modules that uses the 70-yast.conf. Some of them that we can use for automation during the installation is

- `net.ipv4.ip_forward`
- `net.ipv4.tcp_syncookies`

These settings are available in the yast2 network module.

Scope is limited to 64bit on SLES only for the start.

Potential Scenario:

1. Check that module writes settings properly in `/etc/sysctl.d/70-yast.conf` and not in `/etc/sysctl.conf` (using yast2 lan module with settings mentioned above)
2. Set conflicting settings in `/etc/sysctl.conf`, edit them in yast module verify that yast module reports it
3. Set conflicting setting in custom file, e.g. `/etc/sysctl.d/90-custom.conf`, edit them in yast module verify that yast module reports it

See Also [https://jira.suse.com/browse/SLE-9077](https://jira.suse.com/browse/SLE-9077) and [https://jira.suse.com/browse/SLE-9088](https://jira.suse.com/browse/SLE-9088)

Feature discussion: [https://trello.com/c/uf4RFfC1/3671-sysctld-handling-display-current-settings-and-warn-about-conflicts](https://trello.com/c/uf4RFfC1/3671-sysctld-handling-display-current-settings-and-warn-about-conflicts)

Also see [https://progress.opensuse.org/issues/61073#note-13](https://progress.opensuse.org/issues/61073#note-13)

**Acceptance criteria**

1. in case of conflict all the settings are discarded

**Related issues:**

Copied from openQA Tests - action #61073: [functional][y][SLE-9088][SLE-9077]... Resolved 2019-12-04 2020-04-07

**History**

#1 - 2020-03-31 12:34 - ybonatakis
- Copied from action #61073: [functional][y][SLE-9088][SLE-9077] Better sysctl.conf handling of YaST (settings conflicts) added

#2 - 2020-03-31 12:38 - ybonatakis
- Subject changed from [functional][y] sysctl.conf handling of YaST (settings conflicts) to [functional][y] Verify writing conflict from YaST in 70-yast.conf

#3 - 2020-04-07 08:37 - riafarov
- Due date deleted (2020-04-07)
- Status changed from Feedback to New
- Assignee deleted (ybonatakis)
- Target version changed from Milestone 32 to future
- Estimated time deleted (3.00 h)
#4 - 2020-06-24 07:30 - riafarov
- Due date set to 2020-07-14

#5 - 2020-06-24 09:29 - riafarov
- Description updated
- Category changed from Spike/Research to New test
- Status changed from New to Workable
- Estimated time set to 8.00 h

#6 - 2020-06-30 13:28 - ybonatakis
- Status changed from Workable to In Progress

https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/10604

#7 - 2020-07-02 15:25 - ybonatakis
- Status changed from In Progress to Feedback

#8 - 2020-07-03 08:14 - ybonatakis
- Status changed from Feedback to Resolved

https://openqa.suse.de/tests/4412845#step/yast2_settings/47