We had regression in cifs-utils: https://bugzilla.suse.com/show_bug.cgi?id=1184815 - mounting was broken when used with krb. This scenario could be made into an automated test to prevent from happening again.

**Acceptance Criteria**

AC1: network/cifs.pm is testing mounting with krb as indicated in the bug, and the test is run across all maintenance releases.

**Suggestions**

- Check what’s needed for the krb5 server to be configured, so that the following mount, either passes or fails (try first with a lower version of the package or SP?)
- Enable CIFS debug to get more info from dmesg
  
  ```
echo 'module cifs +p' > /sys/kernel/debug/dynamic_debug/control
echo 'file fs/cifs/* +p' > /sys/kernel/debug/dynamic_debug/control
echo 7 > /proc/fs/cifs/cifsFYI
  ```

**Command to mount CIFS FS (error 126)**

```
mount -t cifs //dfs.moon.corner.tech/software/SAP /opt/software/share -o
gid=sapsys,file_mode=0440,dir_mode=0775,sec=krb5,username=NG-CB-UBD201$,vers=3.0
```

- mount error(126): Required key not available
- Refer to the mount.cifs(8) manual page (e.g. man mount.cifs) and kernel log messages (dmesg)

- **AC1**: Provide two verification runs for 15-SP2, one with the version that passes and another with the version that fails.
- **AC2**: Branch the changes to run unconditionally on 15-SP3
- **AC3**: Soft fail for openSUSE
- Status changed from New to Workable

#3 - 2021-05-07 12:33 - tjyrinki_suse
- Description updated

#4 - 2021-05-07 12:47 - szarate
- Description updated