

VomsPingScript < LCG < TWiki

```
#!/bin/sh
#set -x
RES_COL=40
MOVE_TO_COL="echo -en \\033[${RES_COL}G"
SETCOLOR_SUCCESS="echo -en \\033[1;32m"
SETCOLOR_FAILURE="echo -en \\033[1;31m"
SETCOLOR_WARNING="echo -en \\033[1;33m"
SETCOLOR_NORMAL="echo -en \\033[0;39m"

echo_success() {
    $MOVE_TO_COL
    echo -n "[ "
    $SETCOLOR_SUCCESS
    echo -n $1
    $SETCOLOR_NORMAL
    echo " ]"
}

echo_failure() {
    $MOVE_TO_COL
    echo -n "[ "
    $SETCOLOR_FAILURE
    echo -n $1
    $SETCOLOR_NORMAL
    echo " ]"
}

function test_vo {
    local voname="$1"
    local port=`cat $GLITE_LOCATION/etc/voms/$voname/voms.conf | grep '^--port' | sed 's/^--port='`
    local dn=`openssl x509 -subject -noout -in /etc/grid-security/hostcert.pem|cut -d' ' -f2-`
    set -e
    if nc localhost $port < /dev/null; then
        :
    else
        echo_failure Core
        return 1
    fi
    set +e
    cat >/tmp/vomses <<EOF
"$voname" "localhost" "$port" "$dn" "$voname"
EOF
    rm -f /tmp/oo
    /opt/glite/bin/voms-proxy-init --voms $vo --userconf=/tmp/vomses 2>/tmp/oo >/dev/null
    res=$?
    if test $res -ne 0; then
        grep "User unknown to this VO" /tmp/oo >/dev/null
        res=$?
        if test $res -ne 0; then
            echo_failure Core
            return 1
        fi
    fi
    set -e
    if [ `voms-admin --vo $voname list-roles 2>&1 >/dev/null | wc -l` -gt 0 ]; then
        echo_failure Admin
        return 1
    fi
    echo_success OK
    return 0
}

vos=          # Space-separated list of VOs
function get_vos {
    if [ -d "${GLITE_LOCATION_VAR}/etc/voms-admin" ]; then
        for d in "${GLITE_LOCATION_VAR}/etc/voms-admin/*; do
            if [ -r "$d/voms.database.properties" ]; then
```

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```
        vos="$vos `basename $d` "  
        fi  
done  
all_vos=yes  
else  
    echo "It seems you don't have any VOs configured yet."  
    exit 1  
fi  
}
```

```
get_vos;
```

```
result=0
```

```
for vo in $vos; do  
    echo -n "Testing $vo: "  
  
    if test_vo $vo; then  
        :  
    else  
        result=1  
    fi  
done
```

```
exit $result
```

```
-- Main.vciaschi - 16 Mar 2006
```

This topic: LCG > VomsPingScript

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