



# Winscp connection to the UIS fails

CVM

CVK

Liangjinbao

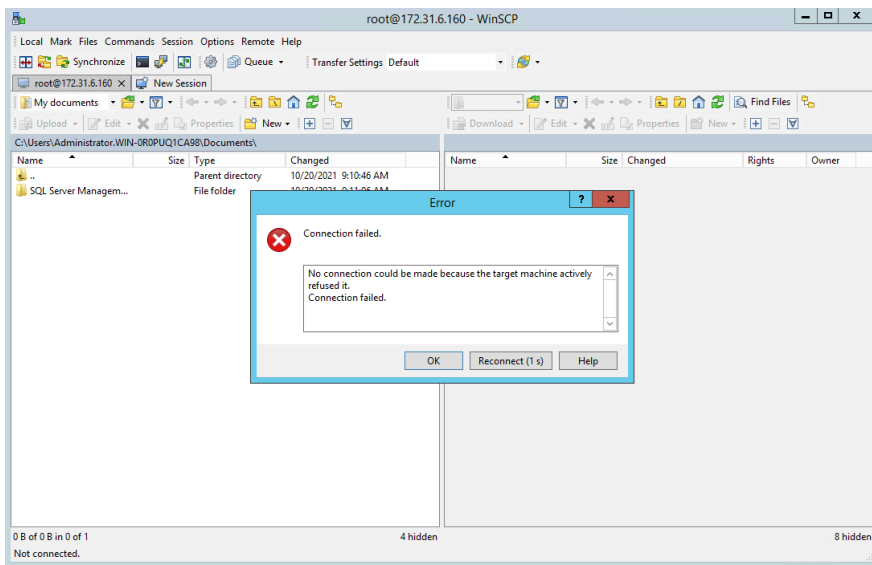
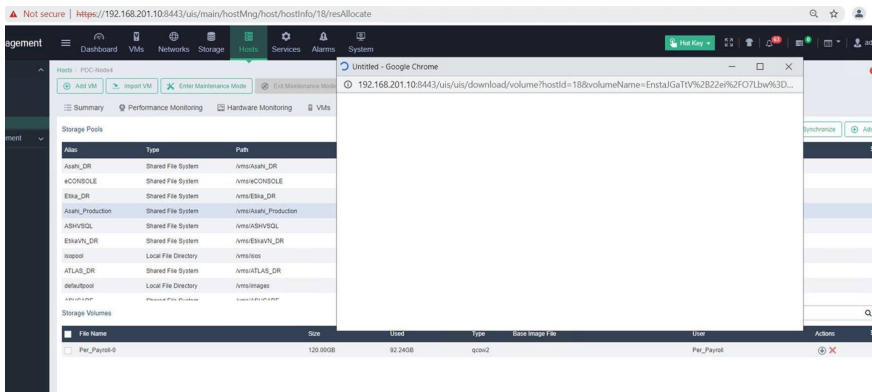
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Network Topology

irrelevant

## Problem Description

The FTP client cannot connect to the UIS background and cannot use transfer software such as SFTP or WINSCP



## Process Analysis

Background Login A node can transfer files to other nodes using SCP. The transfer software cannot be used on the terminal because the ROOT login permission is not enabled for the SSH service of the UIS. The configuration is as follows.

1. Query the SSHD service status.

```
[root@cvknode2 ~]# systemctl status sshd
```

```
● sshd.service - OpenSSH server daemon
   Loaded: loaded (/usr/lib/systemd/system/sshd.service; enabled; vendor preset: enabled)
   Active: active (running) since Fri 2021-10-08 14:23:27 CST; 1 weeks 5 days ago
     Docs: man:sshd(8)
           man:sshd_config(5)
  Main PID: 4704 (sshd)
    Tasks: 3
   Memory: 85.5M
   CGroup: /system.slice/sshd.service
           └─ 4704 /usr/sbin/sshd -D
              └─896815 sshd: [accepted]
                 └─896823 sshd: [net]
```

Oct 21 13:48:42 cvknode2 sshd[896423]: Accepted publickey for root from 172...ek  
Hint: Some lines were ellipsized, use -l to show in full.

2. Edit the SSHD config file

```
vi /etc/ssh/sshd_config
```

```
PasswordAuthentication yes
```

```
PermitRootLogin yes
```

```
service sshd restart
```

```
# HostbasedAuthentication
#IgnoreUserKnownHosts no
# Don't read the user's ~/.rhosts and ~/.shosts files
#IgnoreRhosts yes

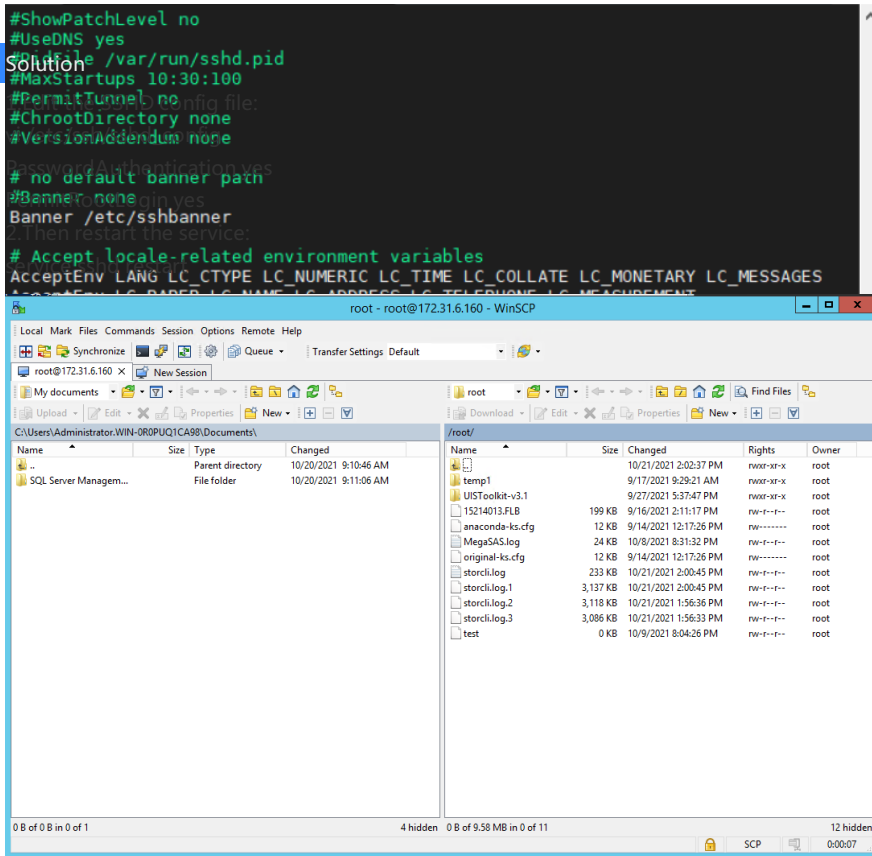
# To disable tunneled clear text passwords, change to no here!
#PasswordAuthentication yes
#PermitEmptyPasswords no
PasswordAuthentication yes

# Change to no to disable s/key passwords
#ChallengeResponseAuthentication yes
ChallengeResponseAuthentication no

# Kerberos options
#KerberosAuthentication no
#KerberosOrLocalPasswd yes
#KerberosTicketCleanup yes
#KerberosGetAFSToken no
#KerberosUseKuserok yes

# GSSAPI options
GSSAPIAuthentication no
GSSAPICleanupCredentials no
#GSSAPIStrictAcceptorCheck yes
#GSSAPIKeyExchange no
#GSSAPIEnablek5users no

# Set this to 'yes' to enable PAM authentication, account processing,
# and session processing. If this is enabled, PAM authentication will
# be allowed through the ChallengeResponseAuthentication and
# PasswordAuthentication. Depending on your PAM configuration,
# PAM authentication via ChallengeResponseAuthentication may bypass
```



Docs: man:sshd(8)

man:sshd\_config(5)

Main PID: 4704 (sshd)

Tasks: 1

Memory: 82.5M

CGroup: /system.slice/ssh.service

└─4704 /usr/sbin/sshd -D

```

Oct 21 14:03:40 cvknode2 sshd[2344439]: Accepted publickey for root from 172...k
Oct 21 14:03:46 cvknode2 sshd[2353355]: Accepted publickey for root from 172...k
Oct 21 14:03:46 cvknode2 sshd[2354110]: Accepted publickey for root from 172...k
Oct 21 14:03:52 cvknode2 sshd[2362546]: Accepted publickey for root from 172...k
Oct 21 14:03:57 cvknode2 sshd[2369976]: Accepted publickey for root from 172...k
Oct 21 14:03:58 cvknode2 sshd[2371699]: Accepted publickey for root from 172...k
Oct 21 14:03:59 cvknode2 sshd[2373204]: Accepted publickey for root from 127...k
Oct 21 14:03:59 cvknode2 sshd[2373609]: Accepted publickey for root from 127...k
Oct 21 14:04:00 cvknode2 sshd[2375299]: Accepted publickey for root from 172...k
Oct 21 14:04:03 cvknode2 sshd[2381645]: Accepted publickey for root from 172...k
Hint: Some lines were ellipsized, use -l to show in full.

```

