



ASRockRack Technical Document (July/2025)

Q: How to install OS remotely by MgmtTool in Linux for BMC2600?

Preparation

1. MgmtTool v2.8.0 or later. <https://www.asrockrack.com/support/SMU.asp>
2. Linux Environment you are going to execute the Tool and input command(We call **ServerA** below for ease of understanding)
3. The specified server you are going to install OS (We call **ServerB** below for ease of understanding)

Notice

1. Make sure that the **BMC IP**, **Username**, **Password** for **ServerB**
2. For the installed OS, please place it at the same folder as the mgmtcli.
3. You can install several servers simultaneously by the Tool, please input multiple IPs for example -h <IP(B)> <IP(C)> ...
4. For the **ServerB**, please enter BIOS before install.

Steps for the commands on **ServerA** and instructions

1.

#unzip <Filename>

2.

#chmod 777 *

To give full permissions to the files

3.

#./mgmtcli vmedia -u <user> -p <password> -h <IP> --image <Filepath for the installed OS> /<Filename for the OS>

Refer to the example below

```
tsd@tsd-desktop:~/MGHTTOOL$ sudo -s
[sudo] password for tsd:
root@tsd-desktop:/home/tsd/MGHTTOOL# ./mgmtcli vmedia -u admin -p asrock#123 -h 192.168.36.89 --image /home/tsd/MGHTTOOL/ubuntu-22.04.5-desktop-and-64.iso --install --uefi
bash: ./mgmtcli: Permission denied
root@tsd-desktop:/home/tsd/MGHTTOOL# chmod 777 ./mgmtcli
root@tsd-desktop:/home/tsd/MGHTTOOL# ./mgmtcli vmedia -u admin -p asrock#123 -h 192.168.36.89 --image /home/tsd/MGHTTOOL/ubuntu-22.04.5-desktop-and-64.iso --install --uefi
Virtual media...
Press Enter to exit...
192.168.36.89 received: 124, sent: 130
```

Full permissions to the files

WebUI Information on Server B

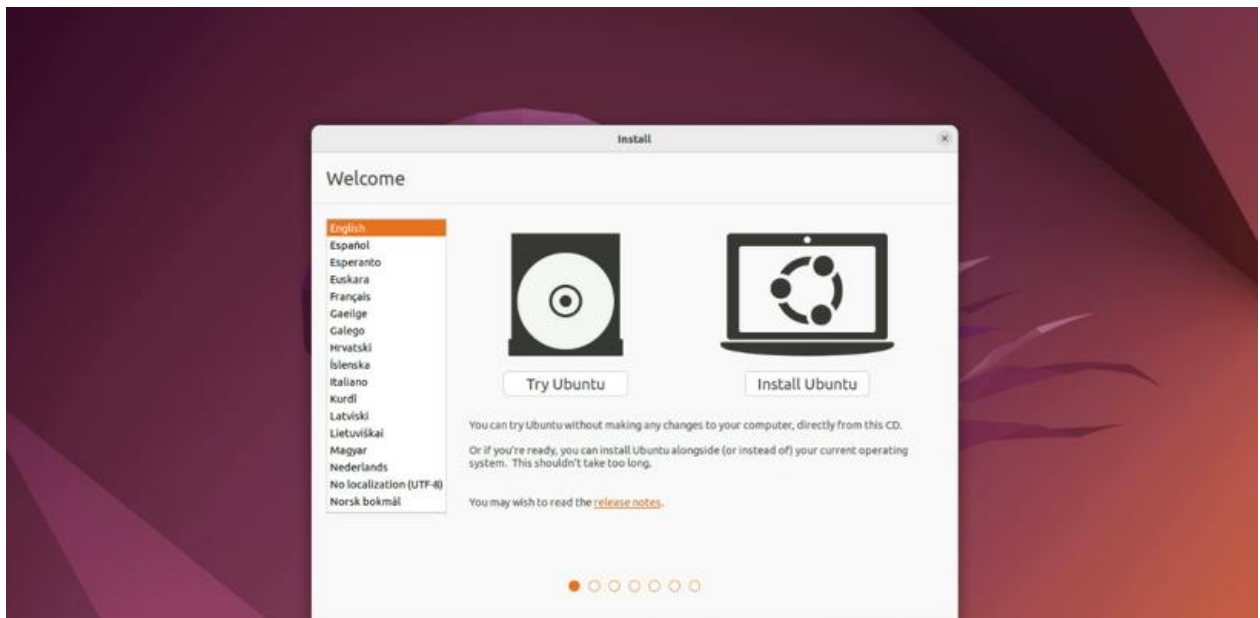
File path for the installed OS on ServerA

4. After execute mgmtcli command, the **ServerB** would restart automatically, and please wait for about **15 minutes**, you can remote access to **ServerB** and continue the install and setting for the OS manually

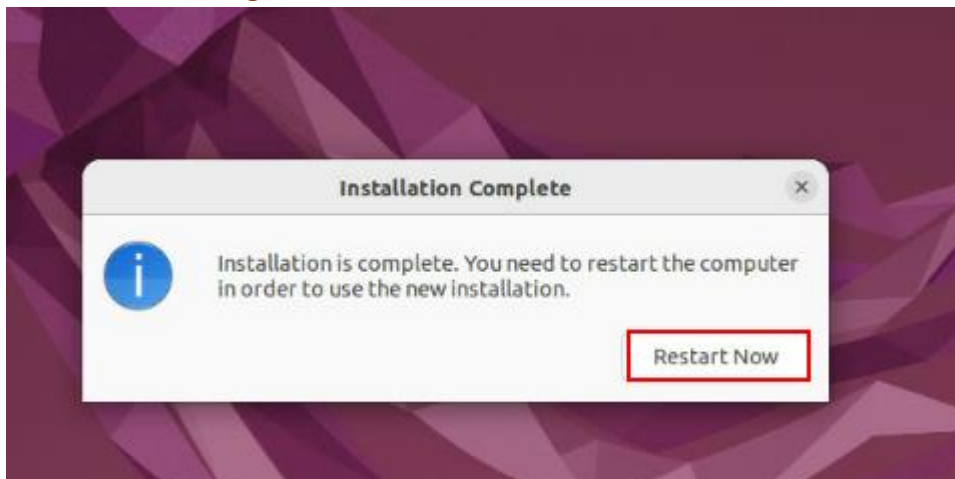
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bash: ./mgmtcli: Permission denied
root@tsd-desktop:/home/tsd/MGMTTOOL# chmod 777 *
root@tsd-desktop:/home/tsd/MGMTTOOL# ./mgmtcli vmedia -u admin -p asrock#123 -h 192.168.36.89 --image /home/tsd/MGMTTOOL/ubuntu-22.04.5-desktop-and-64.iso --install --uefi
Virtual media...
Press Enter to exit...
192.168.36.89 received: 2.38MB, sent: 4.12GB
```

- **Received Bytes:** Indicates the received bytes of monitored host BMC.
- **Sent Bytes:** Indicates the sent bytes of monitored host BMC.

5. After you see such screen on **ServerB**, you can continue the install process



#Finish installed log and click **Restart Now**



7.

After restart, you can try for the installed OS and the terminal on [ServerA](#) would terminate automatically

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bash: ./mgmtcli: Permission denied
root@tsd-desktop:/home/tsd/MGMTTOOL# chmod 777 *
root@tsd-desktop:/home/tsd/MGMTTOOL# ./mgmtcli vmedia -u admin -p asrock#123 -h 192.168.36.89 --image /home/tsd/MGMTTOOL/ubuntu-22.04.5-desktop-and
64.iso --install --uefi
Virtual media...
Press Enter to exit...
192.168.36.89 logged out
Total servers found: 1, failed: 0, logged out: 1
root@tsd-desktop:/home/tsd/MGMTTOOL#
```

Done