

## Advantech AE Technical Share Document

<b>Date</b>	2024/05/14	<b>Related Product</b>	ADAM-67XX	
<b>Category</b>	<input checked="" type="checkbox"/> FAQ <input type="checkbox"/> SOP	<b>Related OS</b>	N/A	
<b>Abstract</b>	How to run script on startup of ADAM-6700 Series			
<b>Keyword</b>	ADAM-6717, ADAM-6750, ADAM-6760D, Script			
<b>SR#</b>	1-5676251780			
Revision History				
Date	Version	Author	Reviewer	Description
2024/05/14	V1.0	Stanley93.Liu		OS:adam67c1_v3.1.5 rev 67c1_3.1.5

■ **Problem Description:**

This FAQ instructs user how to run script on ADAM-6700 series startup.

■ **Brief Solution:**

1. **Create** or **put** you script file in the “/etc/init.d/”. in here we use test.sh as an example.

```
root@adam67c1:/etc/init.d# pwd
/etc/init.d
root@adam67c1:/etc/init.d# ls test.sh
test.sh
```

File content of test.sh, it will create a ”testMKdir” folder in /home/

```
172.16.12.249 - PuTTY
#!/bin/bash
mkdir /home/testMkdir
~
~
~
```

2. Change the test.sh permissions “chmod +x test.sh”

```
172.16.12.249 - PuTTY
root@adam67c1:/etc/init.d# chmod +x test.sh
```

3. Change the directory to “cd /etc/rc5.d”

```

172.16.12.249 - PuTTY
root@adam67c1:/home# cd /etc/rc5.d
root@adam67c1:/etc/rc5.d# pwd
/etc/rc5.d
root@adam67c1:/etc/rc5.d# █
    
```

4. Create a symbolic link in rc5.d folder. “ln -s ../init.d/test.sh test.sh”

```

root@adam67c1:/etc/rc5.d# ln -s ../init.d/test.sh test.sh
root@adam67c1:/etc/rc5.d# ll
total 0
lrwxrwxrwx 1 root root 16 May 11 01:01 S02dbus-1 -> ../init.d/dbus-1
lrwxrwxrwx 1 root root 18 May 11 01:01 S10dropbear -> ../init.d/dropbear
lrwxrwxrwx 1 root root 16 May 11 01:01 S20syslog -> ../init.d/syslog
lrwxrwxrwx 1 root root 18 May 11 01:01 S70lighttpd -> ../init.d/lighttpd
lrwxrwxrwx 1 root root 22 May 11 01:01 S90mount-sdcard -> ../init.d/mount-sdcard
lrwxrwxrwx 1 root root 20 May 11 01:01 S91adv335x.sh -> ../init.d/adv335x.sh
lrwxrwxrwx 1 root root 20 May 11 01:01 S92hwclock.sh -> ../init.d/hwclock.sh
lrwxrwxrwx 1 root root 17 May 14 10:50 S93test.sh -> ../init.d/test.sh
lrwxrwxrwx 1 root root 25 May 11 01:03 S99autoInstallSW.sh -> /home/root/autoinstall.sh
lrwxrwxrwx 1 root root 22 May 10 17:05 S99noderedStart.sh -> /etc/init.d/nodered.sh
lrwxrwxrwx 1 root root 18 May 11 01:01 S99rc.local -> ../init.d/rc.local
lrwxrwxrwx 1 root root 22 May 11 01:01 S99rmnologin.sh -> ../init.d/rmnologin.sh
lrwxrwxrwx 1 root root 23 May 11 01:01 S99stop-bootlogd -> ../init.d/stop-bootlogd
lrwxrwxrwx 1 root root 17 May 14 13:03 test.sh -> ../init.d/test.sh
root@adam67c1:/etc/rc5.d# █
    
```

5. Restart the ADAM and check the folder has been created in the /home

```

root@adam67c1:/home# ll
total 0
drwxr-xr-x 7 root root 704 May 10 17:04 etc
drwxr-xr-x 2 root root 160 May 11 01:03 ftp
drwxr-xr-x 15 root root 2480 May 13 09:35 root
drwxr-xr-x 2 sysuser sysuser 368 May 11 01:03 sysuser
drwxr-xr-x 2 root root 160 May 14 13:04 testMkdir
drwxr-xr-x 2 sysuser sysuser 160 May 10 17:04 uploads
root@adam67c1:/home# █
    
```