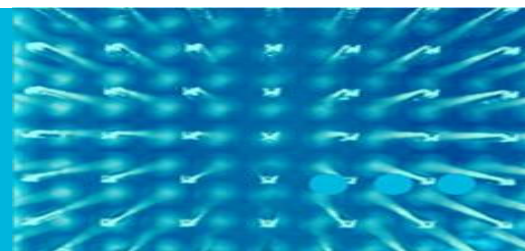


Password Recovery Procedure OmniSwitch 6400 series



Power on the OmniSwitch 6400 and wait for the "Hit any key to stop autoboot" message (Press any key...)

U-Boot (6.3.3.276.R01) (for OS6400, OS6850, and OS6855 platforms) (Aug 5 2008 - 15:13:11)

MPC8247 Reset Status: External Soft, External Hard

MPC8247 Clock Configuration

- Bus-to-Core Mult 4x, VCO Div 2, 60x Bus Freq 25-75 , Core Freq 100-300
- dfbrg 0, corecnf 0x1a, busdf 3, cpmdf 1, plldf 0, pllmf 3
- vco_out 400000000, scc_clk 1000000000, brg_clk 1000000000
- cpu_clk 400000000, cpm_clk 2000000000, bus_clk 1000000000
- pci_clk 66666666

CPU: MPC8247 (HiP7 Rev 14, Mask 1.0 1K50M) at 400 MHz

Board: Alcatel OS6400 (Garuda)

I2C: ready

DRAM: 256 MB

FLASH: 128 MB

In: serial

Out: serial

Err: serial

No ethernet found.

Hit any key to stop autoboot: 0

=>

=>

You are now in the U-Boot CLI - enter the following two commands to boot into Miniboot

=>

=> **setenv bootflags 0x1000**

=> **bootm 0xff900000**

Booting image at ff900000 ...

Image Name: miniboot-6.3.3.276.R01

Image Type: PowerPC VxWorks Kernel Image (gzip compressed)

Data Size: 864851 Bytes = 844.6 kB

Load Address: 00005000

Entry Point: 00005000

Verifying Checksum ... OK

Uncompressing Kernel Image ... OK

Ethernet MAC address not copied to NV RAM

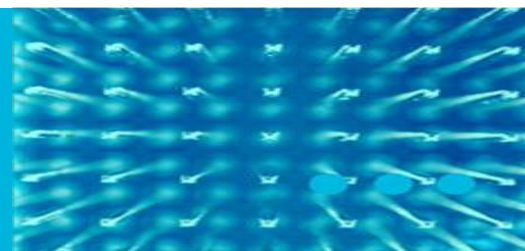
Loading .text @ 0x01000000 (1317152 bytes)

Loading .rodata @ 0x01141920 (276283 bytes)

Loading .data @ 0x01185060 (122004 bytes)

Password Recovery Procedure

OmniSwitch 6400 series



```
Clearing .sbss @ 0x011a2cf8 (1696 bytes)
Clearing .bss @ 0x011a4000 (1578044 bytes)
## Using bootline (@ 0x4200): tffs(0,0)lanswitch:default h=192.168.10.1
e=192.168.10.1:ffffff00 cb=9600 cp=none cs=1 cw=8 cm=modemControlOff f=0x1000
## Starting vxWorks at 0x01000000 ...
```

```
CS EEPROM Module ID: 42012283 , System type: 24 port Fiber 1000Base-x, with 4 combo ports,
Stacking - Garuda
```

```
TFFS detected, mounting TFFS file system
```

```
Adding 5197 symbols for standalone.
```

```
Boot parameters are:
```

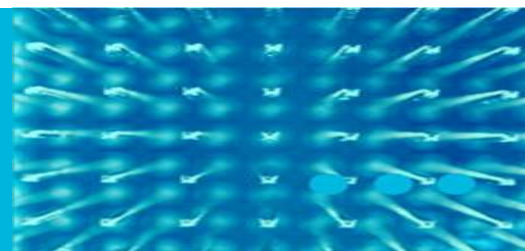
```
'tffs(0,0)lanswitch:default e=10.255.24.81:ff000000 h=192.168.10.1 g=10.255.24.181
f=0x1000 cb=9600 cp=none cs=1 cw=8 cm=modemControlOff'
```

```
AOS miniboot version: 6.3.3.276.R01
VxWorks (for Freescale MPC8248) version VxWorks5.5.1
KERNEL: WIND version 2.6
Made on Aug 5 2008, 17:01:48.
Copyright Wind River Systems, Inc., 1984-2006
```

```
CPU: Freescale MPC8248. Processor #0.
Memory Size: 250 MBytes. BSP version 1.2/1.
```

```
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Portions of code copyrighted by Wind River Systems, Inc. All Rights reserved
Portions of code developed by the University of California, Berkeley.
Portions of code developed by the Carnegie-Mellon University.
```

Password Recovery Procedure OmniSwitch 6400 series



```
Running fsck ....
/flash/ - Volume is OK
WARNING: Stopping in miniboot as directed by boot flags...
[Miniboot]->
```

From Miniboot you need to delete the "userTable5" file in /flash/network

```
[Miniboot]->
[Miniboot]->cd "network"
value = 0 = 0x0
[Miniboot]->ls
.
..
userTable5
lockoutSetting
policy.cfg
ssh_host_dsa_key
ssh_host_dsa_key.pub
value = 0 = 0x0
[Miniboot]->xdelete "userTable5"
value = 0 = 0x0
[Miniboot]->ls
.
..
lockoutSetting
policy.cfg
ssh_host_dsa_key
ssh_host_dsa_key.pub
value = 0 = 0x0
```

From Miniboot reboot into AOS and login with user "admin" password "switch"

```
[Miniboot]->reboot
WARNING: "sysResetHardwareFlag" flag is SET, forcing CMM board reset.
```

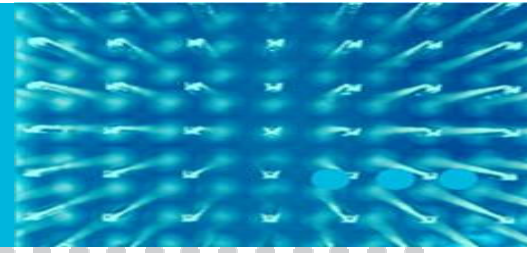
U-Boot (6.3.3.276.R01) (for OS6400, OS6850, and OS6855 platforms) (Aug 5 2008 - 15:13:11)

MPC8247 Reset Status: External Soft, External Hard

MPC8247 Clock Configuration
.... <snipped out boot process>

login :

Password Recovery Procedure OmniSwitch 6400 series



```
login : admin  
password : switch
```

```
Welcome to the Alcatel-Lucent OmniSwitch 6400  
Software Version 6.3.3.277.R01 GA, August 06, 2008.
```

```
Copyright(c), 1994-2008 Alcatel-Lucent. All Rights reserved.
```

```
OmniSwitch(TM) is a trademark of Alcatel-Lucent registered  
in the United States Patent and Trademark Office.
```

```
->  
->
```