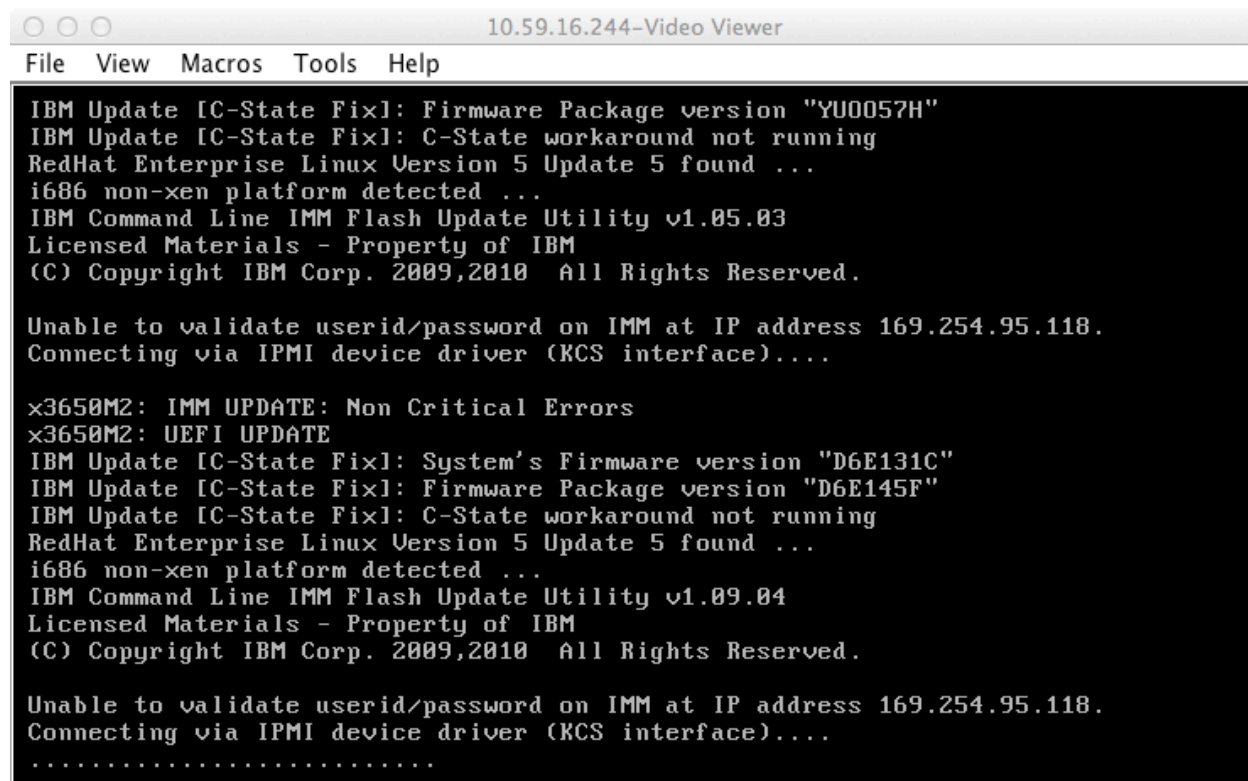


## Refresh Upgrade Boot Loop

**Error:** "Unable to validate userid/password on IMM at IP address 169.254.95.118

Connecting via IPMI device driver (KCS interface)"

A screenshot of a video viewer window titled "10.59.16.244-Video Viewer". The window has a menu bar with "File", "View", "Macros", "Tools", and "Help". The main content is a black terminal window with white text. The text shows a boot loop error. It starts with "IBM Update [C-State Fix]: Firmware Package version 'YU0057H'", followed by "IBM Update [C-State Fix]: C-State workaround not running", "RedHat Enterprise Linux Version 5 Update 5 found ...", "i686 non-xen platform detected ...", "IBM Command Line IMM Flash Update Utility v1.05.03", "Licensed Materials - Property of IBM", and "(C) Copyright IBM Corp. 2009,2010 All Rights Reserved.". Then it says "Unable to validate userid/password on IMM at IP address 169.254.95.118. Connecting via IPMI device driver (KCS interface)...". This is followed by "x3650M2: IMM UPDATE: Non Critical Errors" and "x3650M2: UEFI UPDATE". The text then repeats the same sequence of messages, including "IBM Update [C-State Fix]: System's Firmware version 'D6E131C'", "IBM Update [C-State Fix]: Firmware Package version 'D6E145F'", "IBM Update [C-State Fix]: C-State workaround not running", "RedHat Enterprise Linux Version 5 Update 5 found ...", "i686 non-xen platform detected ...", "IBM Command Line IMM Flash Update Utility v1.09.04", "Licensed Materials - Property of IBM", and "(C) Copyright IBM Corp. 2009,2010 All Rights Reserved.". It ends with "Unable to validate userid/password on IMM at IP address 169.254.95.118. Connecting via IPMI device driver (KCS interface)...".

**Condition:** This will happen if the customer changes the default credentials on the IMM module, which is the recommended best practice. The IP Address is of no concern.

MCS7845I3  
IBM X3650M2

IBM x3650M2 IMM User Guide:

[http://download.boulder.ibm.com/ibmdl/pub/systems/support/system\\_x\\_pdf/47c9202.pdf](http://download.boulder.ibm.com/ibmdl/pub/systems/support/system_x_pdf/47c9202.pdf)

**Workaround:** Add Login Profile to match IBM IMM default userid and password

Default Username: USERID

Default Password: PASSWORD

Note: 0 is a zero in the password, credentials are case sensitive

Access = Supervisor

Slot# should be 1 as shown below

### Login Profiles [?](#)

To configure a login profile, click a link in the "Login ID" column or click "Add User."

Slot No	Login ID	Access	Password Expires
1	<a href="#">USERID</a>	Supervisor	No expiration
2	<a href="#">Administrator</a>	Supervisor	No expiration

Add User

### Global Login Settings [?](#)

These settings apply to all login profiles.

User authentication method

Lockout period after 5 login failures  minutes

Web inactivity session timeout

Account security level:

<input checked="" type="radio"/> Legacy security settings	No password required No password expiration No password re-use restrictions
<input type="radio"/> High security settings	Password required Passwords expire in 90 days Password reuse checking enabled (last 5 passwords kept in history)
<input type="radio"/> Custom security settings	User login password required <input type="text" value="Disabled"/>
	Number of previous passwords that cannot be used <input type="text" value="0"/>
	Maximum Password Age <input type="text"/> days

Save

**Login Profile 1** 

Login ID   
Password   
Confirm password

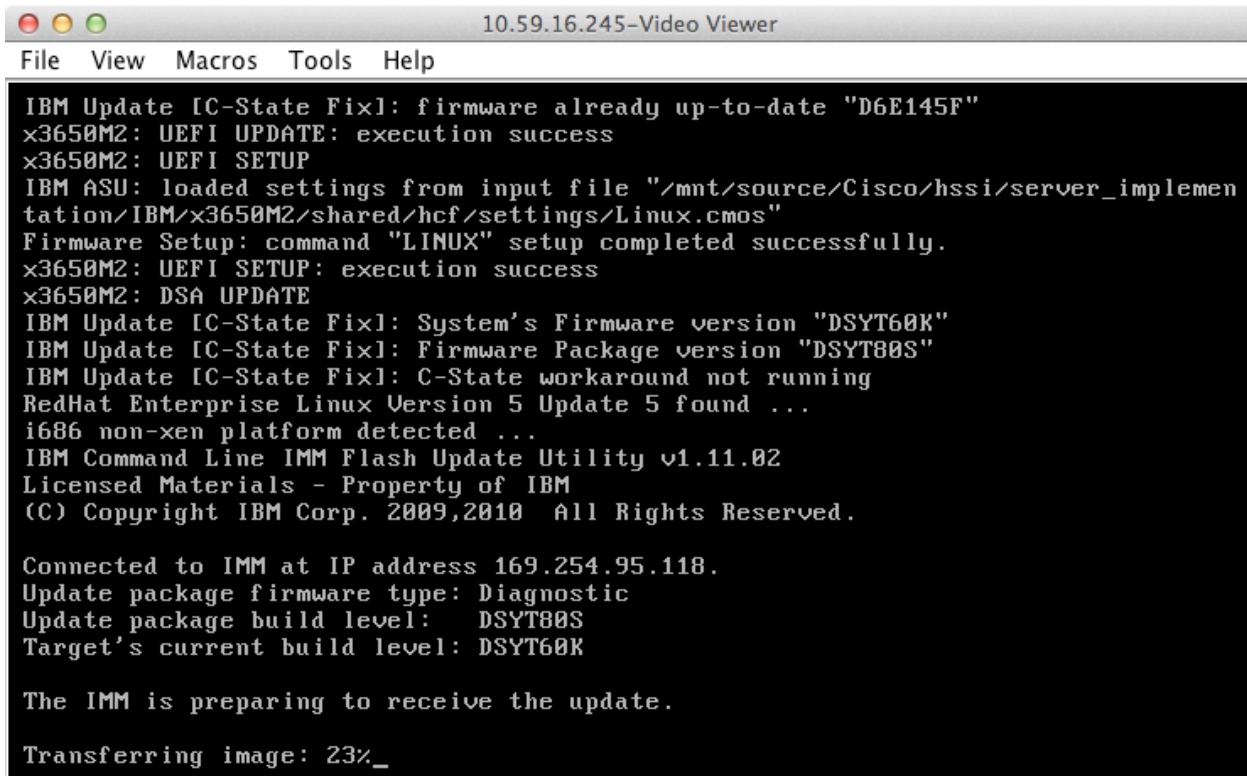
**Authority Level**

- Supervisor
- Read-Only
- Custom
- User Account Management
  - Remote Console Access
  - Remote Console and Remote Disk Access
  - Remote Server Power/Restart Access
  - Ability to Clear Event Logs
  - Adapter Configuration - Basic
  - Adapter Configuration - Networking & Security
  - Adapter Configuration - Advanced (Firmware Update, Restart IMM, Restore Configuration)

**Configure SNMPv3 User**

- Configure SNMPv3 User

Once the correct login is entered the firmware kicks off:



```
10.59.16.245-Video Viewer
File View Macros Tools Help
IBM Update [C-State Fix]: firmware already up-to-date "D6E145F"
x3650M2: UEFI UPDATE: execution success
x3650M2: UEFI SETUP
IBM ASU: loaded settings from input file "/mnt/source/Cisco/hssi/server_implementation/IBM/x3650M2/shared/hcf/settings/Linux.cmos"
Firmware Setup: command "LINUX" setup completed successfully.
x3650M2: UEFI SETUP: execution success
x3650M2: DSA UPDATE
IBM Update [C-State Fix]: System's Firmware version "DSYT60K"
IBM Update [C-State Fix]: Firmware Package version "DSYT80S"
IBM Update [C-State Fix]: C-State workaround not running
RedHat Enterprise Linux Version 5 Update 5 found ...
i686 non-xen platform detected ...
IBM Command Line IMM Flash Update Utility v1.11.02
Licensed Materials - Property of IBM
(C) Copyright IBM Corp. 2009,2010 All Rights Reserved.

Connected to IMM at IP address 169.254.95.118.
Update package firmware type: Diagnostic
Update package build level: DSYT80S
Target's current build level: DSYT60K

The IMM is preparing to receive the update.

Transferring image: 23%_
```