

Miscellaneous Commands: 2

- capwap ap controller ip address, on page 3
- config ap dhcp release-override, on page 4
- capwap ap dot1x, on page 5
- capwap ap hostname, on page 6
- capwap ap ip address, on page 7
- capwap ap ip default-gateway, on page 8
- capwap ap log-server, on page 9
- capwap ap primary-base, on page 10
- capwap ap primed-timer, on page 11
- capwap ap secondary-base, on page 12
- capwap ap tertiary-base, on page 13
- lwapp ap controller ip address, on page 14
- reset system at, on page 15
- reset system in, on page 16
- reset system cancel, on page 17
- reset system notify-time, on page 18
- reset peer-system, on page 19
- save config, on page 20
- transfer download certpasswor, on page 21
- transfer download datatype, on page 22
- transfer download datatype icon, on page 23
- transfer download filename, on page 24
- transfer download mode, on page 25
- transfer download password, on page 26
- transfer download path, on page 27
- transfer download port, on page 28
- transfer download serverip, on page 29
- transfer download start, on page 30
- transfer download tftpPktTimeout, on page 31
- transfer download tftpMaxRetries, on page 32
- transfer download username, on page 33
- transfer encrypt, on page 34
- transfer upload datatype, on page 35

- transfer upload filename, on page 37
- transfer upload mode, on page 38
- transfer upload pac, on page 39
- transfer upload password, on page 40
- transfer upload path, on page 41
- transfer upload peer-start, on page 42
- transfer upload port, on page 43
- transfer upload serverip, on page 44
- transfer upload start, on page 45
- transfer upload username, on page 46

capwap ap controller ip address

To configure the controller IP address into the CAPWAP access point from the access point's console port, use the **capwap ap controller ip address** command.

capwap ap controller ip address A.B.C.D

Syntax Description	A.B.C.D	IP address of the controller.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.
Usage Guidelines	This command must be entered addresses only.	from an access point's console port. This command is applicable for IPv4
	Note The access point must be r	unning Cisco IOS Release 12.3(11)JX1 or later releases.
	The following example shows l	now to configure the controller IP address 10.23.90.81 into the

CAPWAP access point:

ap_console >capwap ap controller ip address 10.23.90.81

config ap dhcp release-override

To configure DHCP release override on Cisco APs, use the config ap dhcp release-override command.

config ap dhcp release-override {**enable** | **disable**} {*cisco-ap-name* | **all**}

Syntax Description	enable	Enables DHCP release override and sets number of DHCP releases sent by AP to 1. To be used as a workaround for a few DHCP servers that mark the AP's IP address as bad. We recommend that you use this configuration only in highly reliable networks.
	disable	Disables DHCP release override and sets number of DHCP releases sent by AP to 3, which is the default value. This ensures that the DHCP server receives the release message even if one of the packets is lost.
	cisco-ap-name	Configuration is applied to the Cisco AP that you enter
	all	Configuration is applied to all Cisco APs
Command Default	Disabled	
Command History	Release	Modification
	8.2	This command was introduced.
Usage Guidelines	Use this comma DHCP server.	nd when you are using Cisco lightweight APs with Windows Server 2008 R2 or 2012 as the

capwap ap dot1x

To configure the dot1x username and password into the CAPWAP access point from the access point's console port, use the **capwap ap dot1x** command.

capwap ap dot1x username user_name password password

Syntax Description	user_name	Dot1x username.
	password	Dot1x password.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.
Usage Guidelines	This command mus	st be entered from an access point's console port.
	Note The access point	int must be running Cisco Access Point IOS Release 12.3(11)JX1 or later releases.
	F**	int must be running Cisco Access Point IOS Release 12.3(11)JX1 or later releases

ap_console >capwap ap dot1x username ABC password pass01

capwap ap hostname

To configure the access point host name from the access point's console port, use the **capwap ap hostname** command.

capwap ap hostname host_name

Syntax Description	host_name	Hostname of the access point.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.

This command must be entered from an access point's console port.

Usage Guidelines

Note The access point must be running Cisco IOS Release 12.3(11)JX1 or later releases. This command is available only for the Cisco Lightweight AP IOS Software recovery image (rcvk9w8) without any private-config. You can remove the private-config by using the **clear capwap private-config** command.

This example shows how to configure the hostname WLC into the capwap access point:

ap_console >capwap ap hostname WLC

capwap ap ip address

To configure the IP address into the CAPWAP access point from the access point's console port, use the **capwap ap ip address** command.

capwap ap ip address A.B.C.D

Syntax Description	A.B.C.D	IP address.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.
Usage Guidelines	This command mu format.	t be entered from an access point's console port. This command supports only IPv4 addres
	Note The access p	int must be running Cisco Access Point IOS Release 12.3(11)JX1 or later releases.
	This example sho	s how to configure the IP address 10.0.0.1 into CAPWAP access point:

ap_console >capwap ap ip address 10.0.0.1

capwap ap ip default-gateway

To configure the default gateway from the access point's console port, use the **capwap ap ip default-gateway** command.

capwap ap ip default-gateway A.B.C.D

Syntax Description	A.B.C.D	Default gateway address of the capwap access point.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.
Usage Guidelines	This command mu format.	st be entered from an access point's console port. This command supports only IPv4 address
	Note The access po	bint must be running Cisco Access Point IOS Release 12.3(11)JX1 or later releases.
	This example show 10.0.0.1:	ws how to configure the CAPWAP access point with the default gateway address

<code>ap_console >capwap ap ip default-gateway 10.0.0.1</code>

capwap ap log-server

To configure the system log server to log all the CAPWAP errors, use the capwap ap log-server command.

capwap ap log-server A.B.C.D

Syntax Description	A.B.C.D	IP address of the syslog server.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.
Usage Guidelines	This command m format.	nust be entered from an access point's console port. This command supports only IPv4 address
	Note The access	point must be running Cisco Access Point IOS Release 12.3(11)JX1 or later releases.
	This example sh	ows how to configure the syslog server with the IP address 10.0.0.1:

ap console >capwap ap log-server 10.0.0.1

capwap ap primary-base

To configure the primary controller name and IP address into the CAPWAP access point from the access point's console port, use the **capwap ap primary-base** command.

Note This command configures the IPv4 and IPv6 address for Cisco Wave 2 APs.

	capwap ap prima	ary-base WORD A.B.C.D
Syntax Description	WORD	Name of the primary controller.
	A.B.C.D	IP address of the primary controller.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.
	8.0	This command supports IPv4 and IPv6 address format.
Usage Guidelines	This command m	ust be entered from an access point's console port in enable mode (elevated access).
	1	ws how to configure the primary controller name WLC1 and primary controller IP 200.225 into the CAPWAP access point:
	ap_console > cap	wap ap primary-base WLC1 209.165.200.225

capwap ap primed-timer

To configure the primed timer into the CAPWAP access point, use the capwap ap primed-timer command.

Syntax Description	enable	Enables the primed timer settings
	disable	Disables the primed timer settings.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.
Usage Guidelines	This command must be	entered from an access point's console port.

ap_console >capwap ap primed-timer enable

capwap ap secondary-base

To configure the name and IP address of the secondary Cisco WLC into the CAPWAP access point from the access point's console port, use the **capwap ap secondary-base** command.

capwap ap secondary-base controller_name controller_ip_address

Syntax Description	controller_name	Name of the secondary Cisco WLC.
	controller_ip_address	IP address of the secondary Cisco WLC.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.
	8.0	This command supports only IPv4 address format.
Usage Guidelines	This command must be en format.	ntered from an access point's console port. This command supports only IPv4 address
-	Note The access point mu	ust be running Cisco Access Point IOS Release 12.3(11)JX1 or later releases.
	This example shows how	to configure the secondary Cisco WLC name as WLC2 and secondary

Cisco WLC IP address 209.165.200.226 into the CAPWAP access point:

ap_console >capwap ap secondary-base WLC2 209.165.200.226

capwap ap tertiary-base

To configure the name and IP address of the tertiary Cisco WLC into the CAPWAP access point from the access point's console port, use the **capwap ap tertiary-base** command.

capwap ap tertiary-base WORDA.B.C.D

Syntax Description	WORD	Name of the tertiary Cisco WLC.
	A.B.C.D	IP address of the tertiary Cisco WLC.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.
	8.0	This command supports only IPv4 address format.
Usage Guidelines	This command mu format.	ist be entered from an access point's console port. This command supports only IPv4 address
	Note The access p	oint must be running Cisco IOS Release 12.3(11)JX1 or later releases.
	-	ws how to configure the tertiary Cisco WLC with the name WLC3 and secondary dress 209.165.200.227 into the CAPWAP access point:

ap_console >capwap ap tertiary-base WLC3 209.165.200.227

Iwapp ap controller ip address

To configure the Cisco WLC IP address into the FlexConnect access point from the access point's console port, use the **lwapp ap controller ip address** command.

lwapp ap controller ip address A.B.C.D

Syntax Description	A.B.C.D	IP address of the controller.		
Command Default	None			
Command History	Release	Modification		
	7.6	This command was introduced in a release earlier than Release 7.6.		
	8.0	This command supports only IPv4 address format.		
Usage Guidelines	This command must be entered from an access point's console port. This command is applicable for IPv4 addresses only.			
	Prior to changing the FlexConnect configuration on an access point using the access point's console port, the access point must be in standalone mode (not connected to a controller) and you must remove the current LWAPP private configuration by using the clear lwapp private-config command.			
-	Note The access po	oint must be running Cisco IOS Release 12.3(11)JX1 or higher releases.		

The following example shows how to configure the controller IP address 10.92.109.1 into the FlexConnect access point:

ap console > lwapp ap controller ip address 10.92.109.1

reset system at

To reset the system at a specified time, use the reset system at command.

reset system at YYYY-MM-DD HH: MM: SS image {no-swap | swap } reset-aps [save-config]

Syntax Description	YYYY-MM-DD	Specifies the date.				
	HH: MM: SS	Specifies the time in a 24-hour format.				
	image	Configures the image to be rebooted.				
	swap	Changes the active boot image; boots the non-active image and sets the default flag on it on the next reboot. Boots from the active image.				
	no-swap					
	reset-aps	Resets all access points during the system reset.				
	save-config	(Optional) Saves the configuration before the system reset.				
Command Default	None					
Command History	Release Modification					
	7.6 This comman	nd was introduced in a release earlier than Release 7.6.				

(Cisco Controller) > reset system at 2010-03-29 12:01:01 image swap reset-aps save-config

reset system in

To specify the amount of time delay before the devices reboot, use the reset system in command.

reset system in HH: MM: SS image {swap | no-swap} reset-aps save-config

Syntax Description						
Syntax Description	HH :MM :SS	Specifies a delay in duration.				
	image	Configures the image to be rebooted.				
	swap	Changes the active boot image; boots the non-active image and sets the default flag on it on the next reboot.				
	no-swap	Boots from the active image.				
	reset-aps	Resets all access points during the system reset.				
	save-config	Saves the configuration before the system reset.				
Command Default	None					
Command History	Release	Modification				
	7.6	This command was introduced in a release earlier than Release 7.6.				

The following example shows how to reset the system after a delay of 00:01:01:

(Cisco Controller) > reset system in 00:01:01 image swap reset-aps save-config

reset system cancel

To cancel a scheduled reset, use the reset system cancel command.

	reset system cancel		
Syntax Description	This command has no arguments or keywords.		
Command Default	None		
Command History	Release	Modification	
	7.6	This command was introduced in a release earlier than Release 7.6.	

The following example shows how to cancel a scheduled reset:

(Cisco Controller) > reset system cancel

reset system notify-time

To configure the trap generation prior to scheduled resets, use the reset system notify-time command.

reset system notify-time minutes

Syntax Description	<i>minutes</i> Number of minutes before each scheduled reset at which to generate a trap.				
Command Default	The default time period to configure the trap generation prior to scheduled resets is 10 minutes.				
Command History	Release	Modification			
	7.6	This command was introduced in a release earlier than Release 7.6			

The following example shows how to configure the trap generation to 10 minutes before the scheduled resets:

(Cisco Controller) > reset system notify-time 55

reset peer-system

To reset the peer controller, use the reset peer-system command.

reset peer-system	
This command has no arguments or key	/words.
None	
Release	Modification
7.6	This command was introduced in a release earlier than Release 7.6.
	This command has no arguments or key None Release

The following example shows how to reset the peer controller:

(Cisco Controller) >> reset peer-system

save config

To save the controller configurations, use the save config command.

	save config			
Syntax Description	This command has no arguments or keywords.			
Command Default	None			
Command History	Release	Modification		
	7.6	This command was introduced in a release earlier than Release 7.6.		

The following example shows how to save the controller settings:

```
(Cisco Controller) > save config
Are you sure you want to save? (y/n) y
Configuration Saved!
```

transfer download certpasswor

To set the password for the .PEM file so that the operating system can decrypt the web administration SSL key and certificate, use the **transfer download certpassword** command.

transfer download certpassword private_key_password

Syntax Description	private_key_password	Certificate's private key password.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.

The following example shows how to transfer a file to the switch with the certificate's private key password certpassword:

(Cisco Controller) > **transfer download certpassword** Clearing password

transfer download datatype

To set the download file type, use the transfer download datatype command.

transfer download datatype {code | config | eapdevcert | eapcacert | icon | image | ipseccacert | ipsecdevcert | login-banner | radius-avplist | signature | webadmincert | webauthbundle | webauthcert}

Syntax Description	code	Downloads an executable image to the system.			
	config	Downloads the configuration file.			
	eapcacert	Downloads an EAP ca certificate to the system.			
	eapdevcert	Downloads an EAP dev certificate to the system.			
	icon	Downloads an executable image to the system.			
	image	Downloads a web page login to the system.			
	ipseccacert	Downloads an IPSec Certificate Authority (CA) certificate to t system.			
	ipsecdevcert	Downloads an IPSec dev certificate to the system.			
	login-banner	Downloads the controller login banner. Only text file is supported with a maximum of 1500 bytes.			
	radius-avplist	Downloads the RADIUS AVPs in the XML file format from the FTP server.			
	signature	Downloads a signature file to the system.			
	webadmincert	Downloads a certificate for web administration to the system.			
	webauthbundle	Downloads a custom webauth bundle to the system.			
	webauthcert Downloads a web certificate for the web portal to the s				
Command Default	None				
Command History	Release Modification				

7.6 This command was introduced in a release earlier than Release 7.6. 8.0 The ipseccacert, ipsecdevcert, and radius-avplist options were introduced.

The following example shows how to download an executable image to the system:

(Cisco Controller) > transfer download datatype code

transfer download datatype icon

To download icon from TFTP or FTP server onto the controller, use the **transfer download datatype icon** command.

transfer download datatype icon

Syntax Description	None			
Command Default	None			
Command Modes	WLAN configuration			
Command History	Release	Modification		
	Release 8.2	This command was introduced.		

Usage Guidelines

Example

This example shows how to download icon from TFTP or FTP server onto the controller:

Cisco Controller > transfer download datatype icon

transfer download filename

To download a specific file, use the **transfer download filename** command.

transfer download filename filename

Syntax Description	<i>filename</i> Filename that contains up to 512 alphanumeric characters.			
Command Default	None			
Command History	Release	Modification		
	7.6	This command was introduced in a release earlier than Release 7.6.		
Usage Guidelines	You cannot use special cha	aracters such as $\ : * ? " <> $ for the filename.		
	The following example shows how to transfer a file named build603:			
	(Cisco Controller) > t	ransfer download filename build603		

transfer download mode

To set the transfer mode, use the transfer download mode command.

transfer upload mode	{ ftp	tftp	sftp }
----------------------	-------	------	--------

Syntax Description	ftp	Sets the transfer mode to FTP.
	tftp	Sets the transfer mode to TFTP.
	sftp	Sets the transfer mode to SFTP.
	None	
Command Default	None	
Command Default	Release	Modification

The following example shows how to transfer a file using the TFTP mode:

```
(Cisco Controller) > transfer download mode tftp
```

transfer download password

To set the password for an FTP transfer, use the transfer download password command.

 transfer download password password

 Syntax Description
 password

 password
 Password.

 Command Default
 None

 Release
 Modification

 7.6
 This command was introduced in a release earlier than Release 7.6.

The following example shows how to set the password for FTP transfer to pass01:

(Cisco Controller) > transfer download password pass01

transfer download path

To set a specific FTP or TFTP path, use the transfer download path command.

transfer download path path

Syntax Description	path Directory path.			
		Note	Path names on a TFTP or FTP server are relative to the server's default or root directory. For example, in the case of the Solarwinds TFTP server, the path is "/".	
Command Default	None			
Command History	Release		Modification	
	7.6		This command was introduced in a release earlier than Release 7.6.	
Usage Guidelines	You cannot use sp	pecial characters su	the as $\setminus : * ? " <> $ for the file path.	
	The following exa	ample shows how t	to transfer a file to the path c:\install\version2:	
	(Cisco Controll	er) > transfer	download path c:\install\version2	

transfer download port

To specify the FTP port, use the transfer download port command.

 transfer download port port

 Syntax Description
 port
 FTP port.

 Command Default
 The default FTP port is 21.
 Modification

 Command History
 Release
 Modification

 7.6
 This command was introduced in a release earlier than Release 7.6.

The following example shows how to specify FTP port number 23:

(Cisco Controller) > transfer download port 23

transfer download serverip

To configure the IPv4 or IPv6 address of the TFTP server from which to download information, use the **transfer download serverip** command.

transfer download serverip IP addr

Syntax Description	<i>IP addr</i> TFTP server IPv4 or IPv6 address.		
Command Default	None		
Command History	Release Modification		
	7.6 This command was introduced in a release earlier than Release 7.6.		
	8.0 This command supports both IPv4 and IPv6 address formats.		
	The following example shows how to configure the IPv4 address of the TFTP server: (Cisco Controller) > transfer download serverip 175.34.56.78		
	The following example shows how to configure the IPv6 address of the TFTP server:		
	(Cisco Controller) > transfer download serverip 2001:10:1:1::1		

transfer download start

To initiate a download, use the transfer download start command.

 transfer download start

 Syntax Description
 This command has no arguments or keywords.

 Command Default
 None

 Release
 Modification

 7.6
 This command was introduced in a release earlier than Release 7.6.

The following example shows how to initiate a download:

transfer download tftpPktTimeout

To specify the TFTP packet timeout, use the transfer download tftpPktTimeout command.

transfer download tftpPktTimeout timeout

Syntax Description	timeout Timeout in seconds between 1 and 254.	
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.

The following example shows how to transfer a file with the TFTP packet timeout of 55 seconds:

(Cisco Controller) > transfer download tftpPktTimeout 55

transfer download tftpMaxRetries

To specify the number of allowed TFTP packet retries, use the transfer download tftpMaxRetries command.

transfer download tftpMaxRetries retries

Syntax Description	<i>retries</i> Number of allowed TFTP packet retries between 1 and 254 seconds.		
Command Default	None		
Command History	Release	Modification	
	7.6	This command was introduced in a release earlier than Release 7.6.	

The following example shows how to set the number of allowed TFTP packet retries to 55:

(Cisco Controller) > transfer download tftpMaxRetries 55

transfer download username

To specify the FTP username, use the transfer download username command.

transfer download username username

Syntax Description	username	Username.	
Command Default	None		
Command History	Release		Modification
	7.6		This command was introduced in a release earlier than Release 7.6.

The following example shows how to set the FTP username to ftp_username:

(Cisco Controller) > transfer download username ftp_username

transfer encrypt

To configure encryption for configuration file transfers, use the transfer encrypt command.

Syntax Description	enable	Enables the encryption settings.
	disable	Disables the encryption settings.
	set-key	Specifies the encryption key for configuration file transfers.
	key	Encryption key for config file transfers.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.

The following example shows how to enable the encryption settings:

(Cisco Controller) > transfer encrypt enable

transfer upload datatype

To set the controller to upload specified log and crash files, use the **transfer upload datatype** command.

transfer upload datatype {ap-crash-data | config | coredump | crashfile | debug-file | eapcacert | eapdevcert | errorlog | invalid-config | pac | packet-capture | panic-crash-file | radio-core-dump | radius-avplist | rrm-log | run-config | signature | systemtrace | traplog | watchdog-crash-filewebadmincert | webauthbundle | webauthcert}

yntax Description	ap-crash-data	Uploads the AP crash files.
	config	Uploads the system configuration file.
	coredump	Uploads the core-dump file.
	crashfile	Uploads the system crash file.
	debug-file	Uploads the system's debug log file.
	eapcacert	Uploads an EAP CA certificate.
	eapdevcert	Uploads an EAP Dev certificate.
	errorlog	Uploads the system error log file.
	invalid-config	Uploads the system invalid-config file.
	рас	Uploads a Protected Access Credential (PAC).
	packet-capture	Uploads a packet capture file.
	panic-crash-file	Uploads the kernel panic information file.
	radio-core-dump	Uploads the system error log.
	radius-avplist	Uploads the XML file from the controller to the RADIUS server.
	rrm-log	Uploads the system's trap log.
	run-config	Upload the WLC's running configuration
	signature	Uploads the system signature file.
	systemtrace	Uploads the system trace file.
	traplog	Uploads the system trap log.
	watchdog-crash-file	Uploads a console dump file resulting from a software-watchdog-initiated controller reboot following a crash.
	webadmincert	Uploads Web Admin certificate.
	webauthbundle	Uploads a Web Auth bundle.

I

	webaut	hcert Upload a web certificate
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.
	8.0	The ipseccacert, ipsecdevcert, and radius-avplist options were introduced.

The following example shows how to upload the system error log file:

(Cisco Controller) > transfer upload datatype errorlog

transfer upload filename

To upload a specific file, use the **transfer upload filename** command.

transfer upload filename filename

Syntax Description	<i>filename</i> File	ename that contains up to 16 alphanumeric characters.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.
Usage Guidelines	You cannot use special character	ers such as $\ : * ? " <> $ for the filename.
	The following example shows	how to upload a file build603:

(Cisco Controller) > transfer upload filename build603

transfer upload mode

To configure the transfer mode, use the **transfer upload mode** command.

Syntax Description	ftp	Sets the transfer mode to FTP.
	tftp	Sets the transfer mode to TFTP.
	sftp	Sets the transfer mode to SFTP.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.

(Cisco Controller) > transfer upload mode tftp

Miscellaneous Commands: 2

transfer upload pac

To load a Protected Access Credential (PAC) to support the local authentication feature and allow a client to import the PAC, use the **transfer upload pac** command.

transfer upload pac username validity password

Syntax Description	username	User identity of the PAC.
	validity	Validity period (days) of the PAC.
	password	Password to protect the PAC.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.
Usage Guidelines	The client upload proces	ss uses a TFTP or FTP server.
	The following example and password pass01:	shows how to upload a PAC with the username user1, validity period 53,
	(Cisco Controller) >	transfer upload pac user1 53 pass01

transfer upload password

To configure the password for FTP transfer, use the transfer upload password command.

Syntax Description	password	Password needed to access the FTP server.		
	transfer upload password password			
Command Default	None			
Command History	Release	Modification		
	7.6	This command was introduced in a release earlier than Release 7.6.		

The following example shows how to configure the password for the FTP transfer to pass01:

(Cisco Controller) > transfer upload password pass01

transfer upload path

To set a specific upload path, use the transfer upload path command.

transfer upload path path

Syntax Description	path Ser	ver path to file.
Command Default	None	
Command History	Release	Modification
	7.6	This command was introduced in a release earlier than Release 7.6.
Usage Guidelines	You cannot use special character	ers such as $\setminus : * ? " <> $ for the file path.
	The following example shows	how to set the upload path to c:\install\version2:

(Cisco Controller) > transfer upload path c:\install\version2

transfer upload peer-start

To upload a file to the peer WLC, use the transfer upload peer-start command.

 transfer upload peer-start

 Syntax Description
 This command has no arguments or keywords.

 Command Default
 None

 Release
 Modification

 7.6
 This command was introduced in a release earlier than Release 7.6.

The following example shows how to start uploading a file to the peer controller:

(Cisco Controller) >transfer upload peer-start

Mode	FTP
FTP Server IP	209.165.201.1
FTP Server Port	21
FTP Path	/builds/nimm/
FTP Filename	AS_5500_7_4_1_20.aes
FTP Username	wnbu
FTP Password	* * * * * * * * *
Data Type	Error Log
Are you sure you want to start upload from standby	y? (y/N) n

Transfer Canceled

transfer upload port

To specify the FTP port, use the transfer upload port command.

transfer upload port port

Syntax Description	port Port	number.		
Command Default	The default FTP port is 21.			
Command History	Release	Modification		
	7.6	This command was introduced in a release earlier than Release 7.6.		

The following example shows how to specify FTP port 23:

(Cisco Controller) > transfer upload port 23

transfer upload serverip

To configure the IPv4 or IPv6 address of the TFTP server to upload files to, use the **transfer upload serverip** command.

transfer upload serverip IP addr

Syntax Description	<i>IP addr</i> TFTP Server IPv4 or IPv6 address.
Command Default	- None
Command History	Release Modification
	7.6 This command was introduced in a release earlier than Release 7.6.
	8.0 This command supports both IPv4 and IPv6 address formats.
	The following example shows how to set the IPv4 address of the TFTP server to 175.31.56.78:
	(Cisco Controller) > transfer upload serverip 175.31.56.78
	The following example shows how to set the IPv6 address of the TFTP server to 175.31.56.78:

(Cisco Controller) > transfer upload serverip 2001:10:1:1::1

I

transfer upload start

To initiate an upload, use the transfer upload start command.

 transfer upload start

 Syntax Description
 This command has no arguments or keywords.

 Command Default
 None

 Command History
 Release
 Modification

 7.6
 This command was introduced in a release earlier than Release 7.6.

 The following example shows how to initiate an upload of a file:
 (views 0 example shows how to initiate an upload of a file:

transfer upload username

To specify the FTP username, use the transfer upload username command.

	transfer upload username		
Syntax Description	username	Username required to access the FTP server. The username can contain up to 31 characters.	
Command Default	None		
Command History	Release	Modification	
	7.6	This command was introduced in a release earlier than Release 7.6.	

The following example shows how to set the FTP username to ftp_username:

(Cisco Controller) > transfer upload username ftp_username