Property Settings

To navigate to the properties, known as Dynamic Component Properties Library (DCPL), navigate to the tab **Administration > Control Center > Hosts**. Then select a check box for a specific host and click the **Config** button.

Note More details about this are explained in the "Config" section on page 8-27.

When you click on the folder or subfolder, it expands to more subfolders or eventually to the property itself. Then you receive an explanation, default values, and in some cases range and rules. This table can help you understand all the properties available at a glance. The properties are listed alphabetically. When a / ends an entry, this means it can be expanded further. Also, if you are searching for a property and do not know the name, you can use some key words and do a Find on the pdf version.

Table B-1 DCPL Properties

Property	Default Value	Range/Rules	Explanation
AutoDiscovery Property:			Controls the operation of Autodiscovery.
/DiscoveryTemplateFolder	/Discovery	string	Template folder under which the templates to be discovered for MPLS VPN Discovery will reside.
/performTemplateDiscovery	false	The valid values are **true** and **false**.	With this flag, the user can control the template discovery. For performance reasons, if the template discovery is not desired this should be set to false.
Cleanup Properties:			Cleans up various system resources such as log files and temporary files.
/Cleanup/RuntimeTasks/			This component cleans up old runtime task logs.
maxAgeInHours	168	integer	Maximum age for a runtime task in hours. Runtime tasks older than this age will be deleted during the next cleanup cycle. Set to 0 to disable this feature.
sleepIntervalInHours	24	integer, 1-1000 hours	Time in hours for runtime task cleanup service to sleep between clean up cycles.

Table B-1 DCPL Properties (continued)

/Cleanup/TaskLogs/			This component cleans up old TaskLogs.
maxAgeInHours	168	integer	Maximum age of the TaskLogs in hours. TaskLogs older than this age will be deleted during the next cleanup cycle. Set to 0 to disable this feature.
sleepIntervalInHours	24	integer, 1-1000 hours	Time in hours for taskLog cleanup service to sleep between clean up cycles.
/Cleanup/TempFiles/			This component cleans up old temporary files.
maxAgeInHours	168	integer	Maximum age of the temporary files in hours. Temporary files older than this age will be deleted during the next cleanup cycle. Set to 0 to disable this feature.
sleepIntervalInHours	24	integer, 1-1000 hours	Time in hours for tempFile cleanup service to sleep between clean up cycles.
/Cleanup/logLevel	CONFIG	selection	This log Level is used only if there is no log Level defined for a component. The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
DCS Properties:			Device Configuration Service. This component corresponds to a library that is used by ISC to communicate with network devices using protocols such as telnet, ssh, tftp, and so forth.

Table B-1 DCPL Properties (continued)

/DCS/CATWarningExpressions		string	CatOS (Catalyst switch) warning expressions that can be safely ignored; case insensitive; . matches any char except newline, * means zero or more, + means one or more, ? means zero or one. All regular expressions except the last one should have a **$** at the end of the regular expression. ^.?.?.?.?.?.?.?.?-[5-7]- $ Access Rules Download Complete$ also defined on firewall module **(Firewall is NOT SUPPORTED in this release.)**$ Adding vlans .* to allowed list.$ already allowed on the trunk$ CDP disabled on port.*$ Dot1q tunnel feature disabled.*$ Dot1q tunnel feature set to.*$ Jumbo frames enabled on port .*$ Jumbo frames disabled.*$ Layer 2 protocol tunneling enabled.*$ Layer 2 protocol tunneling disabled.*$ Packets on native vlan will be tagged on .*$ Port .* enabled$ Removing Vlan.*$ Secured .* cleared from$.?security level for .* changed to$.*successful$ This command will deactivate.*$ Vlan .* also defined on firewall module **(Firewall is NOT SUPPORTED in this release.)**$ Vlans .* declared secure for firewall module **(Firewall is NOT SUPPORTED in this release.)**$ VLAN Mod/Ports.*$ VTP advertisements transmitting temporarily stopped.*$ VLAN .* modified*$ VLAN .*Mod/Ports .*$
/DCS/FTP/			FTP Settings.
ftpPassword		string	Password for FTP server login, used by DCS and GTL.
ftpRootDirectory		string	FTP root directory, used by DCS and GTL.
ftpServer		string	FTP Server host name or IP address, used by DCS and GTL.

Table B-1 DCPL Properties (continued)

ftpSubDirectory		string	FTP sub directory, used by DCS and GTL.
ftpUsername		string	Username for FTP server login, used by DCS and GTL.
DCS/IOSUsePrimaryWarningExprOnly	true	The valid values are **true** and **false**.	If **true**, DCS uses only the primary warning expression list, specified in DCS/IOSWarningExpressions. If **false**, DCS uses the primary list specified in DCS/IOSWarningExpressions for add and modify operations and uses the list specified in DCS/ IOSWarningExpressionsRemoveCfg during delete (decommissioning) operations.

Table B-1 DCPL Properties (continued)

/DCS/IOSWarningExpressions		string	IOS warning expressions that can be safely ignored; case insensitive; . matches any char except newline, * means zero or more, + means one or more, ? means zero or one. All regular expressions except the last one should have a **$** at the end of the regular expression. %Aborting Save. Compress the config$.*Access Rules Download Complete$ % Access VLAN does not exist.$ Address aliases with.*$ % All RSA Keys will be removed.$ % All router certs issued using these keys will also be removed.*$ % Already found same .* statement in this profile$.*also defined on firewall module$ **(Firewall is NOT SUPPORTED in this release.)** % A profile is deemed incomplete until it has match identity statements$.*certificate accepted$ Certificate request sent$.?Changes to the System MTU will not take effect until the next reload.*$ CNS config partial agent is running already$ % Configuration buffer full, can't add command.*$.*Crypto EzVPN does not exist.*$ % declared secure for firewall module$ **(Firewall is NOT SUPPORTED in this release.)** Enter configuration commands, one per line$ Explicit Path name .*$ % Generating .* bit RSA keys$ Global .* will be Port Address Translated.*$ Global Ethernet MTU is set to.*$ If the interface doesn't support baby giant frames.*$ Increasing .* burst size to$ % Interface .* IP address .* removed due to enabling VRF$ % Interface .* IP address .* removed due to disabling VRF$ % IP addresses from all interfaces in VRF .*have been removed$

Table B-1 DCPL Properties (continued)

/DCS/IOSWarningExpressions (Continued)		string	% IP routing table V.* does not exist. Create first$ % IP routing table g.*does not exist. Create first$ % No CEF interface information$ %No matching route to delete$ %Translation not found$.*Not all config may be removed and may reappear after reactivating$ ^%.?NOTE:$ OSPF: Unrecognized virtual interface .* Treat it as loopback stub route$ outside interface address added$ % Profile already contains this keyring$ %PVC is already defined$ Restarting RADIUS authentication service on port .* $ Restarting RADIUS accounting service on port .*$ Redundant .* statement$ security level for .* changed to$.*Service policy .* is already attached$ % Signature RSA Keys not found in configuration.$.*success$ The .*command will also show the fingerprint$ %The static routes in .* with outgoing interface .* will be removed$ Unable to disable parser cache$ % Unknown VPN$.* Unknown VRF specified$ Vlan .* also defined on firewall module$ **(Firewall is NOT SUPPORTED in this release.)** Vlans .* declared secure for firewall module$ **(Firewall is NOT SUPPORTED in this release.)** % VRF .* does not exist or does not have a RD$.?warning.*
DCS/IOSWarningExpressionsRemoveCfg		string	IOS warning expressions that can be safely ignored during decommissioning; case insensitive; . matches any char except newline, * means zero or more, + means one or more, ? means zero or one.

Table B-1 DCPL Properties (continued)

/DCS/PIXWarningExpressions (**NOT SUPPORTED in this release.)**		string	PIX warning expressions that can be safely ignored; case insensitive; . matches any char except newline, * means zero or more, + means one or more, ? means zero or one. All regular expressions except the last one should have a **$** at the end of the regular expression. Access Rules Download Complete$ Added .*to the bridge table$.*also defined on firewall module$ arp inspection disabled on $ arp inspection enabled on $ bytes copied in $ Cannot overwrite an already existing static entry$ Configurations are no longer synchronized$ Creating context$ Disabling learning on$ Enabling learning on$ Please wait$ MAC address.* has been deleted from the bridge table$ Disabling failover$ Global .* will be Port Address Translated$ outside interface address added$ %PIX-7-$ %PIX-6-$ %PIX-5-$ Restarting .* service$ Secured .* cleared from$ security level for .* changed to$ Vlan .* also defined on firewall module$ Vlans .* declared secure for firewall module$ VLAN Mod/Ports.*
/DCS/RCP/			RCP Settings.
rcpDirectory	/tmp	string	Directory to use for uploaded/downloaded config files.

Table B-1 DCPL Properties (continued)

/DCS/SSH/			SSH Client Settings.
overWriteSSHKeys	true	The valid values are **true** and **false**.	Overwrite SSH Keys: If **true**, will allow new keys to overwrite existing keys in the key file for a given host. If **false**, an error will be displayed if host sent key does not match the server sent key.
sshEncryptionCipher	3DES->DES	selection	Cipher to use for SSH Encryption/Decryption; requires restart on change. Values: 3DES->DES first tries 3DES then if not available falls back to DES; 3DES, only tries 3DES; DES, only tries DES.
/DCS/TFTP/			TFTP Settings.
tftpCreateFileOnServerBeforeUpload	true	The valid values are **true** and **false**.	Some TFTP servers require a file to exist on the server with write access before a TFTP client can upload it. This is sometimes called write-replace or overwrite mode. Other TFTP servers require a that a file NOT exist, this is sometimes called write-create or no overwrite mode. When **true**, DCS will create the file on the TFTP server before uploading device configuration.
tftpRootDirectory	/tftpboot	string	TFTP Root Directory used by DCS and GTL.
tftpServerIPAddress		string	TFTP Server host name or IP Address used by DCS and GTL.
tftpSubDirectory		string	TFTP Sub Directory used by DCS and GTL.
/DCS/allowCommandDownloadOnError	false	The valid values are **true** and **false**.	Continue command download on error.
/DCS/cnsEventTimeout	120	integer, 0-120 seconds	CNS event wait time in seconds
/DCS/customPasswordPrompt	Password:	string	Device Custom password prompt.
/DCS/customUsernamePrompt	Username:	string	Device Custom User name prompt.
/DCS/logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).

Table B-1 DCPL Properties (continued)

/DCS/maxDeviceConnectCompleteTime	60	integer, 15-600 seconds	Maximum time in seconds to wait for a terminal session connection to a device.
/DCS/maxDeviceConnectRetryCount	3	integer, 0-5	Maximum number of times to retry connecting to a device when the maxDeviceConnectCompleteTime expires. 0= no retries.
/DCS/maxOperationTimeout	30	integer, 5-300 minutes	Maximum time in minutes to wait for a device operation to complete.
/DCS/maxPromptTimeout	60	integer, 15-300 seconds	Maximum time in seconds to wait for a prompt during a terminal session with a device.
/DCS/maxSocketReadTimeout	30	integer, 10-300 seconds	Maximum time in seconds to wait for data on a socket connection read operation.
DeploymentFlow Property:			Deployment flow Component: Used to create a flow of different types of steps such as mpls, ipsec **(IPsec is NOT SUPPORTED in this release.)**, qos and nat **(NAT is NOT SUPPORTED in this release.)**.
/DeploymentFlow/logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
DistributionFramework Properties:			Distribution Framework. This component handles the distribution of work (jobs) between different servers in a ISC distributed installation.
/DistributionFramework/Dispatcher/			Service that dispatches jobs to workers.
DefaultUnitDuration	1000	integer	The unit duration (in ms) used to estimate jobs without a profile.
PingInterval	1000	integer	The interval (in ms) dispatcher pings the workers to get the load.
ProcessorEpsilon	10	integer	If two proccessors differ in usage by an amount less than this, they are considered identical from the point of view of the load balancer.
ProfileUpdateThreshold	10	integer	The percent change of a profile that triggers an update of the dispatcher.

Table B-1 DCPL Properties (continued)

logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/DistributionFramework/NamingHost	<*master_server*>	string	The hostname or ip address of the name server.
/DistributionFramework/NamingPort	<*naming_port*>	string	The port of the name server.
/DistributionFramework/RemoteUtil/			Layer abstracting the remote call functionality.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/DistributionFramework/ServiceLauncher/			Manages the execution of multiple services in the same VM.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/DistributionFramework/ThreadPool/			Thread pool component used by the worker to execute jobs.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/DistributionFramework/Worker/			Worker.
Groups		string	The groups this worker belongs to. This property is deprecated because groups are stored in the database rather than being provided by the worker.

Table B-1 DCPL Properties (continued)

ThreadPoolSize	100	integer	The maximum number of threads. Set it to 0 to allow the pool to use as many thread as necessary.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
GSAM Property:			Generic Service Access Model to get an XML dump from the repository for the provisioning driver.
/GSAM/logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
GTL Properties:			Generic Transport Layer. This library provides an API to different jobs (such as provisioning, collection etc.) to access Device Configuration Service (DCS). The jobs do not interface with DCS directly (to access the devices), but work with the API provided by GTL.
/GTL/CSL/			Configuration Services Layer
ios/			IOS related properties.
cmdsRequiringDelay		string	List of the IOS commands that execute asynchronously and require time to be processed before they are reflected in the running configuration. Matching rules: case insensitive, .matches any char except newline, * means zero or more, + means one or more, ? means zero or one.

Table B-1 DCPL Properties (continued)

delayAfterDownloadingCmd		command name**:**integer, 0-1800 seconds	List of the IOS commands that require a delay after they are downloaded using a terminal session protocol, such as Telnet. The character **;** delimits the list elements. The IOS command in each list element must be followed by the character **:** followed by a maximum integer of 1800, which indicates the number of seconds to delay, thus indicating 0-1800 seconds (0-30 minutes). The command matching rules: case insensitive, .matches any char except newline, * means zero or more, + means one or more, ? means zero or one. The default is a blank field.
delayBeforeDownloadingCmd			List of the IOS commands that require a delay before they are downloaded using a terminal session protocol, such as Telnet. The character **;** delimits the list elements. The IOS command in each list element must be followed by the character **:** followed by a maximum integer of 1800, which indicates the number of seconds to delay, thus indicating 0-1800 seconds (0-30 minutes). The command matching rules: case insensitive, .matches any char except newline, * means zero or more, + means one or more, ? means zero or one.
delayBeforeUpload		integer, 0-30 seconds	The delay in seconds to wait after downloading a configlet that contains async. commands before uploading the new configuration.
delayBeforeWriteMem	0	integer, 0-300 seconds	The delay in seconds to wait after downloading a configlet before performing a write memory command.
/GTL/device-config-access-protocol	1	integer, 1-3	Protocol to use for device configuration uploads and downloads. 1= TERMINAL (Use the device-terminal-session-protocol for config access) 2= TFTP 3= FTP.
/GTL/device-terminal-session-protocol	1	integer, 1-2	Protocol to use for device terminal sessions. 1= TELNET 2= SSH.
/GTL/echo-mode	false	The valid values are **true** and **false**.	Flag indicating whether to run GTL in **ECHO** mode or **DCS** mode.
/GTL/ios/			IOS related GTL properties.
copy-running-to-startup	true	The valid values are **true** and **false**.	Flag indicating whether to copy running config to startup config when downloading configlets. Write Mem flag.

Table B-1 DCPL Properties (continued)

/GTL/logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/GTL/pix/			PIX related properties.
copy-running-to-startup	true	The valid values are **true** and **false**.	Flag indicating whether to copy running config to startup config when downloading configlets. Write Mem flag.
GUI Properties:			The component for GUI-based properties.
/GUI/Common/			Generic GUI component. Use it if you do not have any specific component requirements, such as security or L2VPN.
logLevel	FINE	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/GUI/L2VPN/			L2VPN related GUI component. Use it with L2VPN related operations only.
logLevel	SEVERE	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/GUI/MplsVPN/			MPLS VPN related GUI component. Use it with MPLS VPN related operations only.
logLevel	SEVERE	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).

Table B-1 DCPL Properties (continued)

/GUI/Performance/			For monitoring GUI performance.
logLevel	INFO	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
GUI/Ping			Ping related GUI component. Use it with Ping related operations only.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/GUI/QoS/			QoS related GUI component. Use it with QoS related operations only.
logLevel	SEVERE	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
sendAuditEvent	true	The valid values are **true** and **false**.	Set true to enable sending audit event for this service.
/GUI/Security/			Security related component. This is to be used for security purposes only.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/GUI/Topology/			Component related to the web start topology application.

Table B-1 DCPL Properties (continued)

logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/GUI/VPLS/			VPLS related GUI component. Use it with VPLS related operations only.
logLevel	SEVERE	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/GUI/srRefreshRate	30000	integer	The refresh rate (in milliseconds) for the SR List screen.
/GUI/workflowSteps	<*vpnsc_home*>/etc/workflowSteps.csv	string	The pre-defined workflow steps.
/GUI/workflows	<*vpnsc_home*>/etc/workflows.csv	string	The pre-defined workflows.
JavaWebStart Properties			Java Web Start components.
/JavaWebStart/InventoryManager/			Component to create and manage Devices.
MaxDevicesPerSaveTransaction		integer, 1-500	Specifies the maximum number of devices per transaction when performing save operation.
/JavaWebStart/TaskManager/			Component to create and monitor scheduled tasks.
MaxDevicesPerCollectionTask		integer, 1-500	Specifies the maximum number of devices per Collect Config task. More devices can be specified for a single task and they will be managed as such from a user perspective. However, there may be more than on Collect Config task created and executed in the repository.
Logging Properties:			This contains different properties needed by the logging framework. There are a set of default values for logging parameters. These values can be overridden for a specific server.

Table B-1 DCPL Properties (continued)

/Logging/Defaults/			This contains the default values for the logging framework.
logFileNumber	2	integer, 1-10	Maximum number of log files for a process. Each of these files can be of size **logFileSize**. When the maximum number for log files is reached for a process, the log files are rotated by deleting the oldest log file for that process.
logFileSize	2000000	integer, 1000000-10000000 bytes	Size in bytes of a single log file for a process. Each process will have a number of log files (see **logFileNumber** property), where each of these files can grow to this size.
logFormatter	java.util.logging.XMLFormatter	string	Class name for the default formatter of log records.
logLevel	CONFIG	selection	NOTE: This log Level is used only if there is no log Level defined for a component. The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
logLocation	<*vpnsc_tmp*>	string	The directory name where log files are kept.
/Logging/TaskLogs/			This contains logging properties for task logs.
logLocation	<*vpnsc_tmp*>/TaskLogs	string	The directory name where all the task logs are kept.
Provisioning Properties:			Contains properties and components for service provisioning like MPLS and IPsec **(IPsec is NOT SUPPORTED in this release.)** VPNs.
/Provisioning/Engine/			Contains properties for the XML driven provisioning engine.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
serviceSchema	service.xsd	string	Specifies the XML schema definition file for defining new services.

Table B-1 DCPL Properties (continued)

/Provisioning/NOM/			Network Object Model for parsing and delta generation of configs.
DocumentBuilderFactory/			This contains the properties for the DOM builder factory.
ignoreComments	true	The valid values are **true** and **false**.	Flag.
ignoreWhiteSpace	false	The valid values are **true** and **false**.	Flag for DOM builder factory.
validation	false	The valid values are **true** and **false**.	Flag for validation of xml files.
catSyntaxFile	catSyntax.xml	string	Contains the XML for Catalyst command syntax.
iosSyntaxFile	iosSyntax.xml	string	Contains the xml syntax for IOS command.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/Provisioning/PasswordManagement/			User generated Password generation
PasswordFormula/			User generated Password formula generation class
class		string	User generated class file
/Provisioning/ProvDrv/			Contains properties for the XML driven provisioning ProvDrv.
AuditJITUpload	true	The valid values are **true** and **false**.	If the value of this property is set to **false,** the provisioning server does NOT upload a copy of the configuration file from the routers when it processes the Service Request for auditing purpose. Instead, it uses copies of the configuration files that were collected and stored in the Repository earlier. If the value of this property is set to **true**, the provisioning server uploads a copy of the configuration file from the routers when it processes the Service Request for auditing purpose. The default value of this property is **true**.

Table B-1 DCPL Properties (continued)

CleanStagedConfigletWhenForceDeploy	false	The valid values are **true** and **false**.	If this value is **true**, when a service request is force deployed, the staged configlet is removed before provisioning. If this value is the default of **false**, the staged configlet is considered as part of the base configuration during provisioning.
DownloadTemplateToUnmanagedDevice	false	The valid values are **true** and **false**.	If this value is **true**, for an unmanaged device, ISC attempts to download just the template. The configlet generated by the provision is not part of the download. By default, this value is **false** and then there is no attempt to download to an unmanaged device.
MaxNumberOfDevicesPerDownload	2	integer	ISC will try to bundle as much devices as possible during a download attempt. This value set the max number of devices allowed during such an attempt. If the number of devices exceeds this limit, multiple download attempts will take place. You should decrease this limit if the download involves many devices with huge configlets in order to conserve memory usage.
ProvisionJITUpload	true	The valid values are **true** and **false**.	If the value of this property is set to **false**, the provisioning server does NOT upload a copy of the configuration file from the routers when it processes the Service Request for provisioning purpose. Instead, it uses copies of the configuration files that were collected and stored in the Repository earlier. If the value of this property is set to **true**, the provisioning server uploads a copy of the configuration file from the routers when it processes the Service Request for provisioning purpose. The default value of this property is **true**.
SaveConfigletsFromAllSRs	true	The valid values are **true** and **false**.	If the value of this property is set to true, for each device in a SR, the provisioning server will save the configlet contributed from all SRs that are processed in the same provisioning run. If the value is set to false, only the configlet contributed by the current SR is saved for this device in this SR even though this same device may be in multiple SRs that are processed by the same provisioning run. The default value of this property is **true**.

Table B-1 DCPL Properties (continued)

logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/Provisioning/Service/			Contains different services and their properties.
Firewall/**(Firewall is NOT SUPPORTED in this release.)**			Firewall provision related properties.**(Firewall is NOT SUPPORTED in this release.)**
platform/			ProvDrv service blade mapping.
CISCO_ROUTER/			IOS.
serviceBladeClass	com.cisco.vpnsc.prov.firewall.FWServiceBlade	string	Service blade class name.
PIX/			PIX firewall.
object_group	true	The valid values are **true** and **false**.	whether try to generate object group if platform supports
serviceBladeClass	com.cisco.vpnsc.prov.firewall.FWServiceBlade	string	Class name.
logLevel	CONFIG	selection	Log level for firewall services.
maxDMZ	5	integer	The maximum dmz value supported. GUI will use this to generate a drop down list for dmz.
sendAuditEvent	true	The valid values are **true** and **false**.	Set true to enable sending audit event for this service.
IPSEC/**(IPsec is NOT SUPPORTED in this release.)**			IPsec Site-to-Site Provisioning.**(IPsec is NOT SUPPORTED in this release.)**
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
platform/			IPsec site-to-site supported platforms.
CISCO_ROUTER/			IOS.

Table B-1 DCPL Properties (continued)

generateCryptoLocalIdentity	true	The valid values are **true** and **false**.	If enabled the crypto local identity will be generated for the ipsec service.
generateNoXAuth	true	The valid values are **true** and **false**.	If enabled will bypass the XAuth authentication for site-to-site remote peers.
iosPresharedKeyLength	127	integer, 1-127	Defines the length of Preshared Keys generated for IOS devices.
serviceBladeClass	com.cisco.vpnsc.prov.ipsec.lan2lan.IPSecIosServiceBlade	string	IOS IPsec Service Blade Location.
PIX/			PIX.
generateNoXAuth	true	The valid values are **true** and **false**.	If enabled will bypass the XAuth for the site-to-site remote peers.
pixPresharedKeyLength	127	integer, 1-127	Defines the length of Preshared Keys generated for PIX devices.
serviceBladeClass	com.cisco.vpnsc.prov.ipsec.lan2lan.IPSecPixServiceBlade	string	PIX IPsec service blade location.
VPN3000/			Cisco 3000 Route.
serviceBladeClass	com.cisco.vpnsc.prov.ipsec.vpn3k.IPSec3KServiceBlade	string	IPSEC L2L Service Blade Class Location.
vpn3000PresharedKeyLength	32	integer, 1-32	Defines the length of Preshared Keys generated for VPN 3000 devices.
removeStaleCommands	false	The valid values are **true** and **false**.	Set true to remove the stale commands provisioned by VPNSC 2.x.
sendAuditEvent	true	The valid values are **true** and **false**.	Set true to enable sending audit event for this service.
IPSEC_RA/ **(IPsec is NOT SUPPORTED in this release.)**			IPSEC Remote Access Provisioning.
platform/			Platforms supported by IPSEC remote access provisioning.
CAT6K/			Catalyst 6000 VPNSM.
serviceBladeClass	com.cisco.vpnsc.prov.ipsec.ra.framework.RaServiceBlade	string	IPSEC RA Service Blade Class Location.

Table B-1 DCPL Properties (continued)

CISCO_ROUTER/			Cisco IOS Router.
serviceBladeClass	com.cisco.vpnsc.prov.ipsec.ra.framework.RaServiceBlade	string	IPSEC RA Service Blade Class Location.
PIX/			Cisco PIX Firewall.
serviceBladeClass	com.cisco.vpnsc.prov.ipsec.ra.framework.RaServiceBlade	string	IPSEC RA Service Blade Class Location
VPN3000/			Cisco 3000 Router.
serviceBladeClass	com.cisco.vpnsc.prov.ipsec.vpn3k.IPSec3KServiceBlade	string	IPSEC RA Service Blade Class Location.
logCount	3	integer, 1-32	Set the number of the log files for a provisioned device.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
sendAuditEvent	true	The valid values are **true** and **false**.	Set true to enable sending audit event for this service.
NAT/ **(NAT is NOT SUPPORTED in this release.)**			NAT provision related properties. **(NAT is NOT SUPPORTED in this release.)**
platform/			ProvDrv service blade mapping.
CISCO_ROUTER/			IOS.
serviceBladeClass	com.cisco.vpnsc.prov.nat.NatIosPixServiceBlade	string	Service blade class name.
PIX/			PIX NAT.
serviceBladeClass	com.cisco.vpnsc.prov.nat.NatIosPixServiceBlade	string	Class name.

Table B-1 DCPL Properties (continued)

logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
sendAuditEvent	true	The valid values are **true** and **false**.	Set true to enable sending audit event for this service.
QoS/			QoS Provisioning Service related properties section.
enableLogging	true	The valid values are **true** and **false**.	
managementLanAddress	0.0.0.0/0	string	Management LAN address in the format of a.b.c.d/x. This will become the default value in QoS Policy's TrafficClassification's Mgmt_lan_addr_mask field.
platform/			Used by ProvDrv.
CISCO_ROUTER/			Used by ProvDrv.
serviceBladeClass	com.cisco.vpnsc.prov.qos.ServiceBlade.QosServiceBlade	string	Identifies ServiceBlade class name for ProvDrv.
sendAuditEvent	true	The valid values are **true** and **false**.	Set true to enable sending audit event for this service.
TE/			Traffic Engineering Management Provisioning Service related properties section.
enableLogging	true	The valid values are **true** and **false**.	When the value is the default of **true**, detailed delta generation messages are logged. When the value is **false**, detailed delta generation messages are not logged.
platform/			Used by ProvDrv.
CISCO_ROUTER/			Used by ProvDrv.
serviceBladeClass	com.cisco.vpnsc.prov.te.ServiceBlade.TeServiceBlade	string	Identifies ServiceBlade class name for ProvDrv.

Table B-1 DCPL Properties (continued)

sendAuditEvent	true	The valid values are **true** and **false**.	Set true to enable sending audit event for this service.
l2vpn/			MPLS Layer 2 VPN Provisioning.
DownloadWeights/			Specifies the download weights for different devices in an L2VPN service request. The higher the weight, the sooner we download to that device. By default the weights are set to 0, so that all devices get downloaded at the same time during service deployment.
weightForCE	0	integer	Download weight for CE devices.
weightForPE	0	integer	Download weight assigned to PE devices.
weightForPE_CLE	0	integer	download weight for PE_CLE devices.
platform/			Contains properties for L2VPN for different platforms.
CATOS/			Service blade parameters for CATOS.
serviceBladeClass	com.cisco.vpnsc.prov.l2vpn.L2VPNServiceBlade	string	ServiceBladeClass location.
CISCO_ROUTER/			IOS.
serviceBladeClass	com.cisco.vpnsc.prov.l2vpn.L2VPNServiceBlade	string	ServiceBladeClass location.
dataFileSchema	l2vpnData.xsd	string	Layer 2 VPN Data File schema.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
parseConfigAfterProvisioning	false	The valid values are **true** and **false**.	This property controls the parsing of the configuration file after the provisioning is completed in order to make sure that device inventory is in sync with network.
saveDebugData	true	The valid values are **true** and **false**.	If this property is set to **true**, whenever an SR is provisioned, the uploaded config files and input XML data are saved to a temporary directory for debugging purposes.
sendAuditEvent	true	The valid values are **true** and **false**.	Set true to enable sending audit event for this service.

Table B-1 DCPL Properties (continued)

serviceFile	l2vpnService.xml	string	Layer 2 VPN Service definition file.
logLevel/	SEVERE	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
mpls/			Contains properties for MPLS/BGP Layer 3 VPN service.
DownloadWeights/			Specifies the download weights for different devices in an MPLS-VPN service request. The higher the weight, the sooner we download to that device. By default the weights are set to 0, so that all devices get downloaded at the same time during service deployment.
weightForCE	0	integer	Download weight for CE devices.
weightForMVRFCE	0	integer	Download weight for MVRFCE. The higher the weight the sooner we download to this device while deploying a service request.
weightForPE	0	integer	Download weight assigned to PE devices.
weightForPE_CLE	0	integer	Download weight for PE_CLE devices.
platform/			Platform related classes.
CATOS/			Service blade parameters for CATOS.
serviceBladeClass	com.cisco.vpnsc.prov.mpls.MplsServiceBlade	string	ServiceBladeClass location.
CISCO_ROUTER			IOS.
serviceBladeClass	com.cisco.vpnsc.prov.mpls.MplsServiceBlade	string	ServiceBladeClass location
allowOverwriteManualAssigned Address	false	The valid values are **true** and **false**.	Allow manually-assigned IP address in Service Request overwrite the pre-existing interface IP address. **False** means if an MPLS service request tries to provision a manually-assigned IP address to an interface that already has a different IP address on it, ISC detects that and reports the error. **True** means ISC allows the new IP address to overwrite the existing IP address.

Table B-1 DCPL Properties (continued)

auditIpAddressViaUnnumbered	false	The valid values are **true** and **false**.	When the value is the default of **false**, the auditor only looks for the IP address of a provisioned interface. When the value is **true**, the auditor tries to match the IP address of the unnumbered interface, if one exists.
auditMaxrouteThreshold	true	The valid values are **true** and **false**.	When the value is the default of **true**,
dataFileSchema	l3vpnData.xsd	string	Specifies the schema for the data XML file for MPLS/BGP layer3 VPNs.
forceRemoveNonBroadcastStaticRouteOnPE	false	The valid values are **true** and **false**.	The default value is **false**. When the value is set to **true**, ISC removes the non-broadcast type static route command that has a pre-existing long syntax, even if the command was not provisioned by ISC. The non-broadcast type static route command is removed from a PE router prior to provisioning. Long syntax contains both an outgoing interface name and a next hop IP address.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
parseConfigAfterProvisioning	false	The valid values are **true** and **false**.	This property controls the parsing of the configuration file after the provisioning is completed in order to make sure that device inventory is in sync with network.
reapplyIpAddress	false	The valid values are **true** and **false**.	Re-apply the same IP address to the interface when decommission a service request. This option is only applicable to manually-assigned IP addresses. It does not work for automatically-assigned IP addresses. When this property is in effect, the interface negate command will not be generated.
removeSubInterface	true	The valid values are **true** and **false**.	Removing the ISC generated subinterface commands in decommission service requests.

Table B-1 DCPL Properties (continued)

saveDebugData	true	The valid values are **true** and **false**.	If this property is set to **true**, whenever an SR is provisioned, the uploaded config files and input XML data are saved to a temporary directory for debugging purposes.
sendAuditEvent	true	The valid values are **true** and **false**.	Set true to enable sending audit event for this service.
serviceFile	l3vpnService.xml	string	Specifies the XML file containing the service definition for MPLS/BGP layer3 VPNs. The schema for this file is specified by Provisioning.Engine.serviceSchema
skipAddressValidationOnUnmanaged CE	false	The valid values are **true** and **false**.	When the value is **false**, the IP addresses between a PE and an unmanaged CE are validated to ensure they are in the same subnetwork and valid host addresses. When the value is **true**, this validation is by-passed.
useNextHopAddressForStaticRoutes	false	The valid values are **true** and **false**.	For Static Routes, use local router outbound interface or IP address of the next hop to reach the destination network.
useOnlyExtraCEloopbackForGrey AccessList	false	The valid values are **true** and **false**.	With Extra CE loopback, the user can select this option to add only the loopback address instead of the interface ip address and extra CE loopback.
shared/			Properties shared by MPLS VPN, L2VPN and VPLS.
FeatureQuery/			ISC components that check if certain features are available for certain devices based on their software version and platform information.
enableValidation	true	The valid values are **true** and **false**.	If enabled, FeatureQuery will check if the features are available based on the feature matrix and device OS version (IOS Version or PIX Version). If disable it will assume that all features are available on all platforms (should be used for testing only).
actionTakenOnUNIVlanList	prune	string	Action taken when switch port **allowed vlan** cmd is absent for ERS service.

Table B-1 DCPL Properties (continued)

overwriteInterfaceDescription	true	The valid values are **true** and **false**.	By default, ISC generates a **description** subcommand for all the physical interfaces it provisioned. Set this property to false if this behavior is not desirable. This property does not apply to logical interfaces or other CLI objects that have a **description** subcommand (Ex. crypto map entries, gre Interfaces, etc.)
transferUNIDescToVlanName	false	The valid values are **true** and **false**.	Controls provisioning of the VLAN name on the PE-POP. If set to **true**, the VLAN name is assigned from the description for the UNI. If set to the default of **false**, no VLAN name is assigned.
vpls/			Contains properties for Virtual Private LAN Service.
DownloadWeights/			Specifies the download weights for different devices in an MPLS VPN service request. The higher the weight, the sooner we download to that device. By default the weights are set to 0, so that all devices get downloaded at the same time during service deployment.
weightForCE	0	integer	Download weight for CE devices.
weightForPE	0	integer	Download weight assigned to PE devices.
weightForPE_CLE	0	integer	Download weight for PE_CLE devices.
dataFileSchema	vplsData.xsd	string	Specifies the schema for the data XML file for VPLS.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
parseConfigAfterProvisioning	false	The valid values are **true** and **false**.	This property controls the parsing of the configuration file after the provisioning is completed to make sure that device inventory is in sync with network.
platform/			Platform related classes.
CATOS/			Service blade parameters for CATOS.
serviceBladeClass	com.cisco.vpnsc.prov.vpls.VplsServiceBlade	string	ServiceBladeClass location.
CISCO_ROUTER/			IOS.

Table B-1 DCPL Properties (continued)

serviceBladeClass	com.cisco.vpnsc.prov.vpls.VplsServiceBlade	string	ServiceBladeClass location.
saveDebugData	true	The valid values are **true** and **false**.	If this property is set to **true**, whenever an SR is provisioned, the uploaded config files and input XML data are saved to a temporary directory for debugging purposes.
sendAuditEvent	true	The valid values are **true** and **false**.	Set **true** to enable sending audit event for this service.
serviceFile	vplsService.xml	string	Specifies the XML file containing the service definition for VPLS. The schema for this file is specified by Provisioning.Engine.serviceSchema.
SLA Properties:			Service Level Agreement. This component deals with creating SAA probes between different devices and to collect/aggregate the data corresponding to those probes, in order to provide different SLA reports.
/SLA/copyRunningToStartup	true	The valid values are **true** and **false**.	If **true** and if showInRunningConfig is **true** - the running configuration will be copied to startup after the router SA Agent configuration has been changed.
/SLA/daysToKeepDailyStats	365	integer, 30-3650 days	Specifies how many days should the SLA database keep the daily statistics. Specifying a low number keeps the database small but you will not be able to access daily reports beyond this period.
/SLA/daysToKeepHourlyStats	60	integer, 7-1000 days	Specifies how many days should the SLA database keep the hourly statistics. Specifying a low number keeps the database small but you will not be able to access hourly reports beyond this period.
/SLA/logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/SLA/rowAgeOut	3600	integer, 0-2073600 seconds	The time after which a probe is completely removed after its life is over. In seconds.

Table B-1 DCPL Properties (continued)

/SLA/showInRunningConfig	true	The valid values are **true** and **false**.	If true, the configured SLAs appear in the router's running configuration.
SYSTEM Properties:			The properties common to all sub-systems in ISC can be found under this component. Most of the values here are set at the time of installation.
/SYSTEM/app_dir	<*vpnsc_home*>	string	Location of the ISC installation.
/SYSTEM/databaseServer	<*db_server*>	string	The database server fully qualified name.
/SYSTEM/email/			Properties related to e-mails sent out by ISC.
from	<*mailfrom*>	string	The **from** field in the e-mail header of the mails sent out by ISC.
smtpHost	<*mailhost*>	string	The server using which e-mail messages from ISC should be sent out.
/SYSTEM/fullyManaged/			Properties related to e-mails sent out by ISC in case of fully managed devices.
enforcementAuditScript		string	Script to be invoked when failure of enforcement audit is detected.
externalEventsEmailRecipients	<*mailto*>	string	The comma or space separated list of email addresses to which notification should be sent out when receiving a config-change event originated outside ISC.
/SYSTEM/license/			Properties related to ISC Licensing.
emailRecipients	<*mailto*>	string	The comma separated list of e-mail addresses to which the License Threshold e-mails should be sent out.
refreshInterval	1	integer, 1-24 hours	License refresh interval in hours.
threshold	90	integer, 1-100%	VPN and ACTIVATION Threshold in percent for e-mail notification.
/SYSTEM/masterServer	<*master_server*>	string	The master server fully qualified name.
/SYSTEM/maxTaskLimit	500	integer	maxTaskLimit.
/SYSTEM/role	master	string	Identifies the role in the distribution system. Possible values are: master ps (processing server) cs (collection server) is (interface server).
/SYSTEM/tibco/			TIBCO related properties.
port	<*tibco_port*>	integer	The port on which TIBCO Rendezvous listens for events.
prefix	cisco.vpnsc.	string	Prefix for all TIBCO messages originating from ISC.

Table B-1 DCPL Properties (continued)

rva-http-port	<*rva_http_port*>	integer	The http port for TIBCO Rendezvous agent web interface.
rva-port	<*rva_port*>	integer	The port on which TIBCO Rendezvous agent listens for events.
/SYSTEM/tmpdir	<*vpnsc_tmp*>	string	Location for temporary files.
Scheduler Properties:			Scheduler reads the task repository and schedules tasks on every minute boundary. Each scheduled task is passed to Task manager for execution.
/Scheduler/logLevel	CONFIG	selection	The log Level indicates the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/Scheduler/syncInterval	5	integer, 0-10 minutes	When scheduler starts up for the first time, it reads all the scheduling information from the task repository. After that, it depends on the events generated by task repository for receiving changes to the scheduling information. It can also periodically synchronize with the task repository by re-reading it at regular intervals. This property specifies, in minutes, that interval. If the value for the interval is 0, scheduler will not synchronize with the task repository and only depends on the events.
SnmpService Properties:			The Snmp Service package provides APIs to perform SNMP get() and set() operations.
/SnmpService/defaultSNMPVersion	1	integer, 1-2	The default SNMP version used to connect to Cisco router. Used if the SNMP version is not specified per router. Valid Values: SNMPv1/SNMPv2c - 1 SNMPv3 - 2.
/SnmpService/defaultSecurityLevel	3	integer, 1-3	The default security level used to connect to Cisco router. Used if the security level is not specified per router. Values: authentication no encryption - 1 authentication encryption - 2 no authentication no encryption - 3.

Table B-1 DCPL Properties (continued)

/SnmpService/logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/SnmpService/retries	3	integer, 0-10	The number of retries to be used by the SNMP protocol.
/SnmpService/timeout	5	integer, 0-300 seconds	Timeout value to be used by the SNMP protocol. Unit: seconds
TE Properties:			Traffic Engineering Management (TEM) Properties
/TE/Deployment			Control the operation of TEM Provisioning
maxCacheSize	60	integer, >0	Maximum cache size.
oneDeviceEachTimeThreshold	500	integer, >0	When the total number of tunnels to be provisioned exceeds this threshold number, provision one device at a time.
partialConfigAudit	false	The valid values are **true** and **false**.	When the value is the default of **false**, the config audit is not limited. When the value is set to **true**, only a partial config audit (audit of only the PENDING tunnels) occurs for primary and backup tunnel deployment.
/TE/repository			TEM Repository-related Properties
checkPermissionEnabled	false	The valid values are **true** and **false**.	This property enables or disables Role-Based Access Control (RBAC) checking during particular TEM operations, such as topology population, discovery, and service deployment. When the value is the default of **false**, RBAC permission checking is not enabled. When the values is set to **true**, RBAC permission checking is enabled and performance degrades.
TE Topology Properties:			TEM Topology-related Properties
/TE Topology/TrafficData			Color Control for Traffic Data Displays
Green	0-25	integer, 0-100 (percentage)	Topology representations for a link performance utilization range, specified as a percentage (default: 0-25), are displayed in the color green.

Table B-1 DCPL Properties (continued)

Orange	26-50	integer, 0-100 (percentage)	Topology representations for a link performance utilization range, specified as a percentage (default: 26-50), are displayed in the color orange.
Red	51-75	integer, 0-100 (percentage)	Topology representations for a link performance utilization range, specified as a percentage (default: 51-75), are displayed in the color red.
Yellow	76-100	integer, 0-100 (percentage)	Topology representations for a link performance utilization range, specified as a percentage (default: 76-100), are displayed in the color yellow.
TaskManager Properties:			Task manager executes tasks that are scheduled by scheduler. Task execution consists of executing different actions that comprise the task. Task manager manages the dependencies between these actions.
/TaskManager/logLevel	CONFIG	selection	The log Level indicates the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
VpnInvServer Properties:			Corba Server for VpnInvServer IDL backward compatibility.
/VpnInvServer/logLevel	SEVERE	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
aagent Properties:			AAgent component related defines.
/aagent/defaultVersion	3.6.3	string	The default 3k firmware version for AAgent.
/aagent/directories/			Various directories for aagent.
dmd	<*vpnsc_home*>/resources/AAgent/DMDFiles	string	File path and name.

Table B-1 DCPL Properties (continued)

input	<*vpnsc_home*>/resources/java/classes/common/AAgent/com/cisco/vpn3000/vpnscagent **(VPN 3000 is NOT SUPPORTED in this release.)**	string	File path and name.
working	<*vpnsc_home*>/resources/java/archives	string	File path and name.
dtd Properties:			The component for XML-based properties.
/dtd/ipsecl2l/			Path to the ipsec l2l dtd.
filepath	<*vpnsc_home*>/resources/dtd/servicemodel/Lan2LanSm.dtd	string	DTD file path and name.
/dtd/ipsecra/			Path to the ipsec l2l dtd.
filepath	<*vpnsc_home*>/resources/dtd/servicemodel/RaSm.dtd	string	DTD file path and name.
lockmanager Properties:			Component that handles device locking. When different jobs (such as provisioning) try to update the config on the device, they obtain **software** locks so that two different jobs do not update the config at the same time. LockManager provides a way to obtain and later release such software locks.
/lockmanager/lockTimeoutInHours	8	integer, 1-168 hours	Timeout in hours for a lock held by a lock holder. If the lock holder does not free a lock within this time the lockmanager will automatically release the device lock.
/lockmanager/logLevel	SEVERE	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).

Table B-1 DCPL Properties (continued)

nbi Properties:			Northbound API (Nbi) component related defines.
/nbi/BackwardCompatible			Path for execQuery requests.
RecordNumber	false	The valid values are **true** and **false**.	For execQuery requests, the number embedded in the output class name include **Record** for the default, **false**, or **Record#1** for **true**.
/nbi/CompositeDir	<*vpnsc_home*>/resources/java/xml/com/cisco/vpnsc/repository/meta/xml/composite	string	Path to composite XML files. Do not change it or the composite meta XML files will not be backed up.
/nbi/CustomerReportMetaDir	<*vpnsc_home*>/resources/java/xml/com/cisco/vpnsc/repository/meta/xml	string	Path to user defined report meta XML files. Do not change it or the report meta XML files will not be backed up.
/nbi/Formatter	com.cisco.vpnsc.nbi.io.NbiSimpleFormatter	string	File path and name.
/nbi/Logger	com.cisco.vpnsc.nbi.util.NbiVpnscLogger	string	File path and name.
/nbi/MetaCheckInterval	300000	string	Set the time for next meta check to happen.
/nbi/MetaDir	<*vpnsc_home*>/resources/java/xml/com/cisco/vpnsc/repository/meta/xml	string	Path to meta XML files. Do not change it or the meta XML will not be backed up.
/nbi/ProvidedReportMetaDir	<*vpnsc_home*>/resources/java/xml/com/cisco/vpnsc/repository/meta/xml	string	Path to ISC provided report meta XML files. Do not change it or the report meta xml files will not be backed up.
/nbi/Reader	com.cisco.vpnsc.nbi.io.NbiSoapReader	string	File path and name.
/nbi/RequestParserMgr	com.cisco.vpnsc.nbi.parser.NbiRequestParserMgr	string	File path and name.
/nbi/SSLfilepath	<*vpnsc_home*>/bin/client.keystore	string	Path to client.keystore file for NBI SSL connections.
/nbi/SessionTimeout	1200000	string	Amount of time the session is valid.

Table B-1 DCPL Properties (continued)

/nbi/TransactionParser	com.cisco.vpnsc.nbi.parser.NbiWsdlParser	string	File path and name.
/nbi/Validation	true	The valid values are **true** and **false**.	Variable to enable validation of incoming Nbi API XML attributes.
/nbi/Writer/			
SoapEncapsulation	false	The valid values are **true** and **false**.	SoapEncapsulation.
/nbi/Writer	com.cisco.vpnsc.nbi.io.NbiSoapWriter	string	File path and name.
/nbi/logHandler	com.cisco.vpnsc.nbi.util.VpnscLogHandler	string	Custom log handler for nbi. This handler allows NBI to use alternate formatter from default one used by rest of ISC. In this case, NBI defaults to using SimpleFormatter which dumps simple output as opposed to XML output.
/nbi/logLevel	WARNING	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging pack age. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
notification Properties:			Event notification related defines.
/notification/Logger	com.cisco.vpnsc.nbi.util.NbiVpnscLogger	string	File path and name.
/notification/clientEnabled	false	The valid values are **true** and **false**.	Set to true for enabling the example event receiving servlet.
/notification/clientHost	<*master_server*>	string	TIBCO event client host.
/notification/clientMethod	/notification/servlet eventListener	string	TIBCO event client method.
/notification/clientPort	<*http_port*>	string	TIBCO event client port.
/notification/clientRegFile	<*vpnsc_home*>/resources/nbi/notification clientReg.txt	string	Client TIBCO event registration file name.
/notification/logFormatter	java.util.logging.SimpleFormatter	string	File path and name.

Table B-1 DCPL Properties (continued)

/notification/logHandler	com.cisco.vpnsc.nbi.util.VpnscLogHandler	string	Custom log handler.
/notification/logLevel	WARNING	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/notification/password	cisco	string	Both user name and password are same as the ones used for GUI login.
/notification/remotePassword		string	User password for remote system authentication, if required, for example, when LDAP is in use.
/notification/remoteUsername		string	User name for remote system authentication, if required, for example, when LDAP is in use.
/notification/username	admin	string	Both user name and password are s same as the ones used for GUI login.
repository Properties:			The component for Database related properties.
/repository/Concurrency/			To setup properties for re-try loop to avoid deadlock
NOICE_FACTOR	500	integer	Add random noise to each process that is being retried.
NO_OF_RETRIES	3	integer	Number of retries before throwing deadlock exception.
TIME_BASE	2	integer	The base number to calculate the wait time. For example, a value of 2 for this property and 3 retries means, the process will be retried every 2^0, 2^1, and 2^2 seconds.
/repository/IPAddressPool/			IP Address Pool Constants.
AGE_TIME	1440	integer	The Aging interval for released IP Address, in minutes. The default is 24 hours (1440 minutes).
releaseAndReuseAgedAddresses	true	The valid values are **true** and **false**.	The default value is **false**. When the value is set to **true**, the address will be released from the Aged Pool and moved to the Allocated pool when manually allocated.
/repository/deviceConfig/		null	Configuration file related properties.

Table B-1 DCPL Properties (continued)

maxVersions	10	integer, 1-50	Maximum number of configuration files to be stored per device in the repository before older versions automatically get purged.
/repository/mlshare/			Share directory for both MPLS and L2VPN.
logLevel	SEVERE	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/repository/persistence/			Properties for database.
Versions	5	integer	The number of maximum versions for a Versioning Persistent Objects.
catalog	directory	string	Catalog.
driver	<*db_driver*>	string	The class name for the driver.
initialConnections	1	integer, 1-20	Number of initial connections.
location	<*repository_home*>	string	The directory containing the repository.db and repository.log files.
password	sql	string	Password for opening a DB connection.
schema	DBA	string	Schema.
slaurl	jdbc:sybase:Tds:<*local_db_server*>:<*db_port_sla*>/?JCONNECT_VERSION=5&serviceName=sla	string	The url for opening a JDBC connection to the SLA database.
url	<*db_url*>	string	The url for opening a JDBC connection.
username	dba	string	User id to open a db connection.
/repository/rbac/			The component for RBAC User Access Model, user Authentication.
checkCreatorPermissionEnabled	true	The valid values are **true** and **false**.	The creator of objects can give the permissions of Modify or Delete to others. If this flag is false, enable RBAC permission checkin.
checkPermissionEnabled	true	The valid values are **true** and **false**.	The creator of objects can give the permissions of Modify or Delete to others. If this flag is false, enable RBAC permission checkin.

Table B-1 DCPL Properties (continued)

enableAutologin	true	The valid values are **true** and **false**.	The property controls whether user may store login information in form of cookies on the computer from which the user connects. If enabled, automatic login, based on the cookie information is permitted. Also user is presented with a screen in which he or she can elect to store login information on the local user's computer. With this property set to false no autologin or options associated with it are available.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
partialQueryResultExpected	true	The valid values are **true** and **false**.	When checking Permission on a list of Persistent Objects, and the current user does not the specified permission to all the objects in the result list, partial results will be returned if this flag is true; Insufficient Permission exception will be generated if the flag is **false**.
webSessionTimeoutSec	1800	integer	Timeout of inactive web client session in seconds. Default is 30 minutes.
/repository/ual/			User Access/Audit Log
cleanUALogs	true	The valid values are **true** and **false**.	whether to let system automatically clean up UAL log entries based on ual.maxAgeInDays.
maxAgeInDays	30	integer	Maximum age of the User Access/Audit Logs in days after which the UALog Cleanup Service will delete them. if 0 then UALogs deletion is disabled even if cleanUALogs is set to true.
watchdog Properties:			All the servers in ISC are launched and managed by the Watchdog.
/watchdog/byRole/			This component contains the watchdog properties that based on the role of the host.
cs/			Watchdog properties for machine playing the role of a cs (Collection Server/Agent).
servers	httpd nspoller worker dbpoller	string	Names of the servers to be run.

Table B-1 DCPL Properties (continued)

db/			Watchdog properties for a machine playing the role of a db (DB server).
servers	dbpoller	string	The servers to be run on a installation with the role **db**.
is/			Watchdog properties for a machine playing the role of a Interface Server.
servers	httpd dbpoller	string	Names of servers to be run on an installation with role **is**.
master/			Watchdog properties of a machine playing the role of a master.
servers	httpd nspoller dbpoller dispatcher worker scheduler lockmanager cornerstonebridge cnsserver	string	The servers to be run.
ps/			Watchdog properties for a machine playing the role of a ps (Processing Server/Agent).
servers	httpd nspoller worker dbpoller	string	Names of servers to be run.
/watchdog/criticalServers		string	If any of these servers enters the disabled state, then it would mean that the system is NOT healthy. If this value is null/empty then every single server is critical.
/watchdog/diskspace/			Contains properties related to disk space monitoring.
dirsToMonitor		string	The directories (and ultimately the disks that contain them) to be monitored.
disksToMonitor		string	The disks to be monitored for space constraints.
emailRecipients	<*mailto*>	string	The comma separated list of e-mail addresses to which the disk space related e-mails should be sent out.
highWatermark	<*highwater*>	string	High watermark for the directories (disks) being monitored. The value should be a number followed by a < (for percent) or m or M (for Mbytes). These values should correspond to the available/free space on the disk. If the available disk space stabilizes above this value (after falling below the low watermark), an e-mail is sent to the addresses specified in the property watchdog.diskspace.emailRecipients.

Table B-1 DCPL Properties (continued)

lowWatermark	<*lowwater*>	string	Low watermark for the directories (disks) being monitored. The value should be be a number followed by a % (for percent) or m or M (for Mbytes). These values should correspond to the available/free space on the disk. If the available disk space falls below this value, an e-mail is sent to the addresses specified in the property watchdog.diskspace.emailRecipients.
sleepInterval	60000	integer, 30000-300000 milliseconds	Time between two status checks for disk space limits in milliseconds.
/watchdog/group/			Group.
database_users	scheduler httpd	string	The servers that access database.
/watchdog/groups	database_users	string	The space separated list of different groups in the system.
/watchdog/heartbeat/			Properties related to watchdog heartbeat mechanism are specified here.
period	120000	integer, 30000-86400000 milliseconds	The minimum time between each heartbeat request in milliseconds.
sendEvents	false	The valid values are **true** and **false**.	If set to true, watchdog sends out TIBCO events every time a heartbeat succeeds or fails. If set to false, no such events will be sent.
startDelay	5000	integer, 0-60000 milliseconds	Time to wait before making the first heartbeat request in milliseconds.
timeout	3000	integer, 1000-600000 milliseconds	The period of time before which response for heartbeat request should be received by the watchdog, in milliseconds.
wds/			Heartbeat properties for intra-watchdog communication.
delay	5000	integer, 1000-60000 milliseconds	The period in between heartbeats. (from master watchdog to slave watchdog and vice-versa) in milliseconds.
initDelay	1000	integer, 1000-5000 milliseconds	The initial period of time for which the heartbeat thread waits before trying for a heartbeat after a watchdog registers with the MasterWatchdog, in milliseconds.
masterReconnectAttemptDelay	2000	integer, 100-60000 milliseconds	The sleep time between two successive attempts by a slave watchdog to reconnect to master watchdog, in milliseconds.

Table B-1 DCPL Properties (continued)

maxAllowedMisses	3	integer	The maximum number of consecutive misses that a watchdog should miss for the master to consider it inactive or unregistered.
maxAttemptsForMasterReconnect	500	integer	Once the slave watchdog loses connection with the master, it will try this many times to try and establish the connection. If it cannot re-establish a connection with the master even after making these many attempts, it shuts itself down. Between attempts, it sleeps **watchdog.heartbeat.wds.masterReconnectAttemptDelay** time. The value for this property should be specified in milliseconds. A value of 0 indicates that the slave watchdog has no upper limit on the number of reconnect attempts.
/watchdog/java/			Java.
flags	-XX:+UseAltSigs	string	Any other flags to be passed on to **java.**
vmtype	-server	string	The flag to be passed on to java (-server or -client).
/watchdog/logLevel	FINEST	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/watchdog/server/	httpd nspoller dbpoller dispatcher worker scheduler lockmanager cornerstonebridge	string	Server.
cnsserver/			Monitors CNS events from IE2100 boxes. Communication between client and server is completely handled using TIBCO events.
heartbeat/			Heartbeat related properties.
startDelay	10000	integer, 0-60000 milliseconds	Time to wait before making the first heartbeat request in milliseconds.

Table B-1 DCPL Properties (continued)

timeout	3000	integer, 1000-600000 milliseconds	The period of time before which response for heartbeat request should be received by the watchdog, in milliseconds.
java/			Java attributes for this server.
flags		string	Any additional java flags specific to this server. If the value is changed, watchdog restart is required for the new value to take effect.
class	com.cisco.vpnsc.watchdog.servers.WDCnsServer	string	Heartbeat Handler - Checks for valid TIBCO Connection.
cmd	java com.cisco.vpnsc.cns.CnsServer	string	Implementation to monitor CNS events from IE2100 boxes.
dependencies	dbpoller	string	Dependencies.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
cornerstonebridge/			Acts as a gateway for remote application access to Auto Discovery. Communication between client and server is completely handled using TIBCO events.
class	com.cisco.vpnsc.watchdog.servers.WDCornerstoneBridge	string	Heartbeat Handler - Checks for valid TIBCO Connection.
cmd	java com.cisco.vpnsc.apps.cornerstone.CornerstoneBridge	string	Implementation to communicate with Auto Discovery.
dependencies	dbpoller	string	Dependencies.
heartbeat/			Heartbeat related properties.
startDelay	10000	integer, 0-60000 milliseconds	Time to wait before making the first heartbeat request in milliseconds.
timeout	3000	integer, 1000-600000 milliseconds	The period of time before which response for heartbeat request should be received by the watchdog, in milliseconds.
java/			Java attributes for this server.

Table B-1 DCPL Properties (continued)

flags		string	Any additional java flags specific to this server. If the value is changed, watchdog restart is required for the new value to take effect.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
dbpoller/			This server keeps polling the database to see if it is functional.
class	com.cisco.vpnsc.watchdog.servers.WDDatabase	string	Name of class responsible for getting heartbeats.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
dispatcher/			Dispatcher service of the Distribution framework.
app_args	Dispatcher com.cisco.vpnsc.dist.vpnsc.VpnscDispatcherImpl	string	Args to the class that starts this service.
class	com.cisco.vpnsc.watchdog.servers.WDDispatcher	string	The class that proxies this service for the watchdog.
cmd	java com.cisco.vpnsc.watchdog.ext.ServiceLauncherImpl	string	Command to start the server.
dependencies	dbpoller nspoller	string	The other services that this service depends on Heartbeat related properties.
heartbeat/			
startDelay	45000	integer, 0-60000 milliseconds	Time to wait before making the first heartbeat request in milliseconds.

Table B-1 DCPL Properties (continued)

timeout	3000	integer, 1000-60000 milliseconds	The period of time before which response for heartbeat request should be received by the watchdog, in milliseconds.
java/			Java attributes for this server
flags		string	Any additional java flags specific to this server. If the value is changed, watchdog restart is required for the new value to take effect.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
httpd/		httpd	httpd
class	com.cisco.vpnsc.watchdog.servers.WDHttpd	string	Class.
cmd	<*vpnsc_home*>/bin/tomcat.sh start fg	string	The command to start httpd on this host.
dependencies	dbpoller	string	Dependencies.
dependenciesByRole/			Dependencies of httpd based on the role of installation (higher priority than normal **dependencies**)
cs		string	Dependencies on a CS.
ps		string	Dependencies on a PS.
heartbeat/			Heartbeat.
port	<*http_port*>	integer	The port on which httpd should run.
startDelay	45000	integer, 0-60000 milliseconds	Time to wait before making the first heartbeat request in milliseconds.
timeout	10000	integer, 1000-600000 milliseconds	The period of time before which response for heartbeat request should be received by the watchdog, in milliseconds.
url	http://localhost:<*http_port*>/isc/about.htm	string	url

Table B-1 DCPL Properties (continued)

logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
lockmanager/			Component that handles locking.
class	com.cisco.vpnsc.watchdog.servers.WDLockManager	string	Class that keeps track of lockmanager heartbeats.
cmd	java com.cisco.vpnsc.lockmanager.LockManagerImpl	string	Command that starts up the lockmanager.
dependencies	nspoller	string	Lock Manager depends on the NS.
heartbeat/			Heartbeat related properties.
startDelay	10000	integer, 0-60000 milliseconds	Time to wait before making the first heartbeat request in milliseconds.
timeout	3000	integer, 1000-600000 seconds	The period of time before which response for heartbeat request should be received by the watchdog, in milliseconds.
java/			Java attributes for this server.
flags		string	Any additional java flags specific to this server. If the value is changed, watchdog restart is required for the new value to take effect.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
maxQuickDieCount	3	integer	The maximum number of times a server can die consecutively without having a successful heartbeat. If this number is exceeded, the server is marked as disabled.
nspoller/			This server polls the NameServer to see if it is running.

Table B-1 DCPL Properties (continued)

class	com.cisco.vpnsc.watchdog.servers.WDNameServer	string	Class.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
scheduler/			Scheduler.
class	com.cisco.vpnsc.watchdog.servers.WDScheduler	string	Class.
cmd	java com.cisco.vpnsc.scheduler.Scheduler	string	Command to start the scheduler.
dependencies	dbpoller worker	string	Dependencies.
heartbeat/			Heartbeat related properties.
startDelay	30000	integer, 0-60000 milliseconds	Time to wait before making the first heartbeat request in milliseconds.
timeout	3000	integer, 1000-600000 milliseconds	The period of time before which response for heartbeat request should be received by the watchdog, in milliseconds.
java/			Java attributes for this server.
flags		string	Any additional java flags specific to this server. If the value is changed, watchdog restart is required for the new value to take effect.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
startTimeout	240000	integer, 5000-600000	The timeout for the initial heartbeat response. The first heartbeat should happen within this time.
worker/			Worker service of the distribution framework.

Table B-1 DCPL Properties (continued)

app_args	Worker com.cisco.vpnsc.dist.WorkerImpl, com.cisco.vpnsc.sla.sql.SlaMaintenanceService, com.cisco.vpnsc.repository.ual.UALCleanupServiceImpl, com.cisco.vpnsc.license.LicenseSynchronize, com.cisco.vpnsc.cleanup.TaskLogCleanupService, com.cisco.vpnsc.cleanup.TempFileCleanupService, com.cisco.vpnsc.cleanup.RuntimeTaskCleanupService”	string	Arguments to the class specified in the **cmd** property.
class	com.cisco.vpnsc.watchdog.servers.WDWorker	string	The server class that proxies Worker service for the watchdog.
cmd	java com.cisco.vpnsc.watchdog.ext.ServiceLauncherImpl	string	Command to start the worker.
dependencies	nspoller	string	Servers that have to be functioning for this server to function normally.
dependenciesByRole/			Dependencies of httpd based on the role of installation (higher priority than normal **dependencies**)
cs		string	Dependencies on a CS.
ps		string	Dependencies on a PS.
heartbeat/			Heartbeat related properties.
startDelay	45000	integer, 0-60000 milliseconds	Time to wait before making the first heartbeat request in milliseconds.
timeout	3000	integer, 1000-600000 milliseconds	The period of time before which response for heartbeat request should be received by the watchdog, in milliseconds.
java/			Java attributes for this server.

Table B-1 DCPL Properties (continued)

flags	-Xmx512m -Xbootclasspath/p:<*vpnsc_home*>/thirdparty/jar/AdventNetSnmp3_3.2.jar:<*vpnsc_home*>/thirdparty/jar/cryptix32.jar -Dcom.cisco.insmbu.templatemgr.backend.PropFile=<*vpnsc_home*>/resources/templatesystem/Template.properties	string	Any additional java flags specific to this server. If the value is changed, watchdog restart is required for the new value to take effect.
logLevel	CONFIG	selection	The log Level is the level at which logging is done for this component. These levels are identical to the logging levels defined for JDK1.4 logging package. The levels in descending order are: SEVERE (highest value) WARNING INFO CONFIG FINE FINER FINEST (lowest value).
/watchdog/serverStatus/			The properties related to the server status monitoring function provided by the watchdog are specified here.
emailRecipients	<*mailtoRestart*>	string	Comma separated list of e-mail addresses to which notices about server state changes should be e-mailed
stableTime	60000	integer, 20000-300000 milliseconds	Time in milliseconds that has to pass before a server's status can be considered stable (for the purpose of sending out a server status e-mail notification).
/watchdog/servers	httpd nspoller dbpoller dispatcher worker scheduler lockmanager cornerstonebridge	string	Server.
/watchdog/waitDelay	3000	integer, 20000-300000 milliseconds	The time period for which the wait() calls in watchdog wait, before checking the wait condition, in milliseconds.
xml Properties:			The component for XML-based properties.

Table B-1 DCPL Properties (continued)

/xml/queries/			Properties for RepQueryLoader.
filepath	<*vpnsc_home*>/resources/java/xml/com/cisco/vpnsc/repository/Queries.xml	string	File path and name.