



Default user & password, batch command mode and contacts

The default username is admin and it's password is ironport. The default IP is 192.168.42.42 on Data1 on C1X0 appliances and Management Interface on all others. For access through serial console use 9600/8-N-1 with hardware flow control.

Send undetected spam to spam@access.ironport.com, false positives to ham@access.ironport.com, missed ads to ads@access.ironport.com and false positive ads to not_ads@access.ironport.com. Send each as RFC822 MIME encoded attachment. See Knowledge Base article 472.

Basic commands

Table with 2 columns: Command and Description. Includes commands like help, who, whoami, date, passwd, last, clear, commit, clustermode, shutdown, reboot, exit.

Infos and status

Table with 2 columns: Command and Description. Includes commands like credits, version, ipcheck, status detail, healthcheck, commitdetail, showchanges, antiispamstatus, antivirusstatus, websecuritydiagnostics, contentscannerstatus, repengstatus, outbreakstatus, sbstatus, encryptionstatus, dlptestatus, ecstatus, showlicense, graymailstatus, workqueue status, workqueue rate n, topin, destqueue status dom, rate n, hostrate domain n, hoststatus domain, tophosts, featurekey, dnssstatus, displayalerts n, supportrequeststatus.

Test network and configuration

Table with 2 columns: Command and Description. Includes commands like ping, traceroute, telnet, dig, nslookup, packetcapture, tcpdump, tcpservices, netstat, trace, ldaptest, ldapflush, dnslittest, dnsflush, tlsverify.

General configuration

Table with 2 columns: Command and Description. Includes commands like systemsetup, loadlicense, userconfig, adminaccessconfig, interfaceconfig, etherconfig, diskquotaconfig, healthconfig, sethostname, setgateway, routeconfig, dnsconfig, dnshostprefs, dnslistconfig, featurekeyconfig, ldapconfig, snmpconfig, ntpconfig, sshconfig, sslconfig, sslv3config, settz, tzupdate, setttime, settymode, generalconfig, reportingconfig, alertconfig, trackingconfig, addressconfig, fipsconfig, resetcounters.

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Configuring SMTP

Table with 2 columns: Command and Description. Includes commands like smtproutes, listenerconfig, deliveryconfig, destconfig, exceptionconfig, altsrchoost, bounceconfig, policyconfig, textconfig, filters, sievechar, dictionaryconfig, sslconfig, certconfig, callaheadconfig, smtpauthconfig, addresslistconfig, aliasconfig, bvconfig, domainkeysconfig, quarantineconfig, addresslistconfig, slblconfig, incomingrelayconfig, dmarcconfig, smimeconfig, localeconfig.

ESA configuration files

Table with 2 columns: Command and Description. Includes commands like showconfig, mailconfig, saveconfig, loadconfig, rollbackconfig, resetconfig.

Managing message queues and mails

Table with 2 columns: Command and Description. Includes commands like showrecipients, deleterecipients, bouncerecipients, redirectrecipients, showmessage, archivemessage, removemessage, oldmessage, delivernow, unsubscribe, stripheaders, resetqueue.

Cisco IronPort Support and advanced diagnostics	
supportrequest	Open a support request with Cisco TAC.
supportrequestupdate	Request immediate update of support request keywords.
techsupport	Enable/disable a tunnel for Cisco Support to access the appliance.
diagnostic	Check RAID status, flush DNS/ARP/LDAP caches, test remote SMTP servers, check disk quota and usage or reset configuration.
tarptit	Configure countermeasures and resource conservation mode.
setcorewatch	Configure alert-on-core functionality.
wipeata	Wipe core files from disk and view status from last wipe operation.
Emergency login with user enabled tag if normal login fails. Same password as "admin".	

Working with logs	
grep	Search for a Regular Expression pattern inside a log file.
findevent	Find an event in the logs matching either a message id, a mail address (From: / To:) or a subject. Menu driven or batch mode.
tail	Continuously display new entries from the end of a log file.
rollovernow	Do a rollover on one specific log or simply all log files.
logconfig	Configure and manage log files and delivery methods (FTP, SCP, Syslog). View public RSA/DSS key from users.

Managing security services	
updateconfig	Configure update URLs and HTTP/HTTPS proxies to use. This will also affect AsyncOS updates.
updatenow	Manually update all components. Force updating with the option <i>force</i> . The <i>force</i> option also works with all other update commands.
antispamconfig	Configure IronPort anti-spam and Intelligent Multi-Scan.
antispamupdate	Manually request immediate anti-spam rules update.
antivirusconfig	Configure and view anti-virus settings and scanners.
antivirusupdate	Manually request immediate anti-virus definitions update.
contentscannerupdate	Request immediate content scanner engine update.
scanconfig	Configure scanner options like skipped file types, scanning depth (nesting), maximum scan size, scanner timeout.
verdictcacheconfig	Configure CASE and SPF verdict caching.
outbreakconfig	Enable, disable and configure Outbreak Filters.
outbreakupdate	Request immediate update of CASE rules and engine.
outbreakflush	Clear the current in-memory and disk-cached Outbreak Rules.
encryptionconfig	Configure IronPort PXE mail encryption.
encryptionupdate	Manually request immediate PXE engine update.
dlpupdate	Manually request immediate RSA DLP engine update.
dlprollback	Rollback RSA DLP engine and config to the previous version.
emconfig	Configure RSA Enterprise Manager integration.
emdiagnostic	RSA Enterprise Manager integration diagnostics.
ecconfig	Configure enrollment client used to obtain certificates for URL filtering.
ecupdate	Request immediate update of the enrollment client.
graymailconfig	Configure Graymail Detection and Safe Unsubscribe settings.
graymailupdate	Request manual update of graymail files.
repengupdate	Manually request immediate SBRS engine update.
senderbaseconfig	Configure SenderBase SBNP statistics sharing status.
ampconfig	Configure advanced malware scanning and clear file reputation cache.
websecurityconfig	Configure basic settings for URL filtering. For more advanced configuration use <code>websecurityadvancedconfig</code> .
webcacheflush	Flush the URL filtering cache.
urllistconfig	Manage URL whitelists for skipping category and reputation checks.
imageanalysisconfig	Configure the IronPort Image Analysis settings and thresholds.
aggregatorconfig	Set the address of the Cisco Aggregator Server.
sblconfig	Import or export End-User Safelists/Blocklists.
fulldatasharing	Configure SenderBase statistics-sharing with unhashed filename.

AsyncOS management	
updateconfig	Configure update URLs and HTTP/HTTPS proxies to use. This will also affect Anti-Spam and Anti-Virus updates.
upgrade	List all available AsyncOS versions and perform an upgrade.
revert	Revert the appliance to a previously used AsyncOS version. Except network settings ALL configurations and logs will be lost.

Suspending and resuming receiving and/or delivering mails	
workqueue pause	Pause working queue.
workqueue resume	Resume working queue.
suspendlistener	Stop accepting mails on one, several or all listeners.
resumelister	Resume accepting mails on one, several or all listeners.
suspenddel	Suspend delivering mails.
resumedel	Resume delivering mails.
suspend	Suspend receiving and delivering all mails.
resume	Resume receiving and delivering all mails.

Centralized Management Cluster	
clusterconfig	Create SSH or CSS clusters, add or remove single ESAs to or from a cluster. Create and manage cluster groups. List machines in cluster and view cluster and connection status.
clustercheck	Check configuration databases for inconsistencies and resolve them if necessary.
clusterdiag	Configure cluster diagnostic settings.
_clusterjoin	There is nothing to see here, move on.

Message Filter conditions (Excerpt. See "ESA User Guide" for more info + examples)	
subject	Tests subject against a RegExp.
body-size	Tests size of entire message in bytes.
mail-from	Tests envelope sender against a RegExp.
mail-from-group	Tests envelope sender against LDAP group.
sendergroup	Tests against a HAT sendergroup name.
rcpt-to	Tests envelope recipients against a RegExp.
rcpt-to-group	Tests envelope recipients with LDAP group.
remote-ip	Tests client IP for exact or IP range match.
recv-int or recv-listener	Matches mails received on the named interface/listener.
date	Tests current date against value in US date format: MM/DD/YYYY HH:MM:SS
header(<string>)	Tests the given header against a RegExp.
random(<integer>)	Compares a random integer to given value.
rcpt-count	Checks recipient count against value.
addr-count()	Compares recipient count from header (To: and/or Cc:) against value.
spf-status	Checks the SPF status.
spf-passed	Checks if SPF verification was successful.
image-verdict	Scans attached images for category match.
workqueue-count	Checks number of mails in the workqueue.
body-contains(<regexp>)	Checks mail and attachments for a RegExp.
only-body-contains(<regexp>)	Checks message body for a RegExp.
encrypted	Tests if a message is S/MIME or PGP encrypted.
attachment-<trait>	Checks if a attachment matches a characteristic <trait>. <trait> can be filename, size, type (MIME signature), filetype (fingerprint) or mimetype (MIME header)
attachment-protected	Looks for passworded/encrypted attachments.
attachment-unprotected	Looks for unprotected attachments.
attachment-contains()	Tests attachment for the given pattern.
attachment-binary-contains()	Tests raw binary attachment for pattern.
every-attachment-contains()	Tests every attachment of a message for a given pattern.
attachment-size	Matches attachments by size in B, K or M.
dnslist(<server>)	Looks at server for a match in a DNSBL.

[url-]reputation	Compares sender's SB or a URL reputation to value.
[url-]no-reputation	True when SB rep. is "none" or a URL rep. is unavailable.
url-category	Checks all URLs in a message for the specified category.
dictionary-match(<dict>)	Look in body for RegExp match from dictionary <dict>.
<position>-dictionary-match(<dict>)	Looks in <position> of a message for a RegExp match from the dictionary named <dict>. <position> can be: subject, mail-from, rcpt-to, attachment, body.
header-dictionary-match(<dict>, <header>)	Looks in header <header> for RegExp match from dictionary named <dict>.
smtp-auth-id-matches(<header> [, <sieve-char>])	Checks sender in envelope and mail header (From: or Sender:) against the sender's SMTP auth user ID.
true	True is true and therefore matches all mails.
valid	Tests mail for complete MIME validity.
signed	Tests if the message is S/MIME signed.
signed-certificate(<field> [<operator> <regexp>])	Check if the issuer or signer <field> in the certificate of a S/MIME message matches/does not match (== or != as <operator>) a certain <regexp>.

Message Filter actions (Excerpt. See "ESA User Guide" for more info + examples)	
alt-src-host()	Deliver mail from this named interface.
alt-rcpt-to()	Change all recipients of a message.
alt-mailhost()	Deliver mail via alternate mail host.
notify()	Notify specified recipient about a message (and include a copy of the original message).
notify-copy()	Notify specified recipient about a message (and include a copy of the original message).
bcc()	Send a copy of this message to a new recipient. Treat the copy like a new mail and scan again.
bcc-scan()	Send a copy of this message to a new recipient. Treat the copy like a new mail and scan again.
log-entry()	Add a log message at INFO level to mail logs.
quarantine(<name>)	Send this mail to the named quarantine.
archive(<filename>)	Save copy of the message in mbox format file.
duplicate-quarantine(<name>)	Send copy of this mail to the named quarantine.
strip-header()	Look for a header and remove it.
insert-header()	Insert a header and its value into the mail.
add-footer(<footer>)	Add the footer named <footer> to the mail.
add-heading(<heading>)	Add text resource <heading> as a heading to a message.
bounce-profile()	Apply a bounce profile to the mail.
encrypt-deferred(<profile>)	Encrypt message before final delivery.
tag-message(<name>)	Add tag <name> for RSA DLS policy filtering.
skip-filters()	Skip all remaining message filters.
skip-<scanner>()	Skip all checks of <scanner> for this mail. <scanner> can be spamcheck, marketingcheck, socialcheck, blukcheck, viruscheck, ampcheck, vofcheck.
drop-attachments-by-<trait>()	Drop attachments matching a characteristic <trait> which can be name, size, type, filetype or mimetype.
drop-attachments-where-contains(<regexp>)	Drop attachments that match a Regular Expression. Also matches files in archives and drops whole archive.
drop-attachments-where-dictionary-match(<dict>)	Drop attachments that match a term in the dictionary <dict>.
html-convert()	Strip all HTML tags from a message.
edit-header-text()	Substitute a matched RegExp within a header.
edit-body-text()	Substitute a matched RegExp within a body.
deliver()	Deliver the message. Final action.
drop()	Drop the message. Final action.
bounce()	Bounce the message. Final action.

Message Filter example	
<pre>drop_huge_presentations: if (mail-from-group == "Sales") AND (attachment-filename == "(?)\\. (ppt pptx)\$") AND (attachment-size >= 10M) { drop-attachments-where-contains ("(?)\\. (ppt pptx)\$", "Large presentation dropped."); }</pre>	