Cisco Unified SIP Proxy Trigger Commands

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trigger condition

To create a trigger condition and enter Cisco Unified SIP Proxy trigger configuration mode, use the **trigger condition** command in Cisco Unified SIP Proxy configuration mode. To remove the trigger condition, use the **no** form of this command.

trigger condition *trigger-condition-name*

no trigger condition *trigger-condition-name*

Syntax Description

trigger-condition-name	Specifies the name of the trigger condition.

Command Default

None

Command Modes

Cisco Unified SIP Proxy configuration (cusp-config)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Usage Guidelines

This command configures a trigger condition. The trigger condition associates the trigger with the specific conditions that includes matching rules against certain headers or fields within a SIP message.

A trigger is a named condition that is evaluated as either true or false for each received request. If the condition is true, then preset behaviors are invoked.

To execute a module, the server:

1. Identifies appropriate triggers.
2. Orders the triggers by their sequence numbers.
3. Evaluates the named trigger condition for the request. If true, the next step is executed; otherwise, the next trigger is checked.
4. Determines the details of module execution from the parameters of the module trigger that corresponds to the matched trigger condition.

The **trigger condition** command provides a name for a trigger point, specifies a true-false test for the condition, and indicates its place in the set of triggers to evaluate. The types of conditions that can be evaluated as trigger points are:

- Whether a message is a request or response
- The type of request method
- The response code (either an explicit code or a class of codes)
- User agent header field value
- Matching portions of a Request-URI

- Matching portions of a Route header field
- Matching IP addresses and ports

Configure these trigger points using the commands in trigger configuration mode.

The **trigger condition** command takes as input regular expressions for conditions that must be matched in order for the trigger to be fired. For more information on regular expressions, see http://java.sun.com/docs/books/tutorial/extra/regex/.

Note All trigger conditions support regular expressions except the MESSAGE field, which can either be "response" or "request" only.

Examples

The following example creates a new trigger condition t1 and enters trigger configuration mode, where the specific condition is configured:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)>
```

The following example deletes trigger condition t1:

```
se-10-0-0-0(cusp-config)> no trigger condition t1
```

Related Commands

Command	Description
header	Configures the trigger to fire when matching the regular expression for this header.
in-network	Configures the incoming network for a trigger condition for a server-side transaction.
local-ip	Assigns a local-listen IP address that accepts incoming requests to a trigger condition.
local-port	Assigns a local-listen port to a trigger condition.
message	Determines whether the trigger condition will fire based on whether the headers in the SIP message are request or response headers.
method (trigger sequence)	Configures a trigger condition in which the trigger is fired on the given SIP method name in the request.
mid-dialog	Configures the trigger to fire on mid-dialog responses.
out-network	Configures the outgoing network for a trigger condition for a client-side transaction.
protocol	Assigns a protocol to the trigger condition.
proxy-route header-param	Configures a trigger to fire when matching the regular expression for the specified header parameter.
proxy-route uri-component	Configures a trigger to fire when matching the regular expression for the specified URI component.
proxy-route uri-param	Configures a trigger to fire when matching the regular expression for the specified URI parameter.
remote-ip	Configures the remote IP network for a trigger condition.
remote-port	Configures the remote port for a trigger condition.

Command	Description
request-uri uri-param	Configures a trigger to fire when matching the regular expression for the specified URI parameter.
response-code	Configures a trigger condition to fire on a specific response.
time	Configures the trigger to fire if the specified time policy is met.

trigger post-normalization

To configure a postnormalization algorithm for outgoing SIP messages to a specific normalization policy, use the **trigger post-normalization** command in Cisco Unified SIP Proxy configuration mode. To remove the postnormalization policy algorithm from the normalization policy, use the **no** form of this command.

trigger post-normalization sequence *sequence-number* {**by-pass** | **policy** *policy*} [**condition** *trigger-condition*]

no trigger post-normalization sequence *sequence-number* **policy** *policy* [**condition** *trigger-condition*]

Syntax Description

sequence *sequence-number*	Specifies the sequence number.
by-pass	Specifies that routing is done directly using RFC 3263.
policy *policy*	Specifies the previously-defined policy name that the post-normalization algorithm will apply to. If **by-pass** is chosen, routing is done directly using RFC 3263.
condition *trigger-condition*	(Optional) Specifies the previously-defined trigger condition that the post-normalization algorithm will apply to.

Command Default

None

Command Modes

Cisco Unified SIP Proxy configuration (cusp-config)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Usage Guidelines

Use this command to determine which normalization policies are invoked *after* routing policies are applied. Use the **trigger pre-normalization** command to determine which normalization policies are invoked *before* routing policies are applied.

Examples

The following example calls for policy p1 to be invoked unconditionally:

```
se-10-0-0-0(cusp-config)> trigger post-normalization sequence 10 policy p1
```

The following example calls for the by-pass policy to be invoked unconditionally:

```
se-10-0-0-0(cusp-config)> trigger post-normalization sequence 10 by-pass
```

The following example deletes the call to policy p1 for post-normalization:

```
se-10-0-0-0(cusp-config)> no trigger post-normalization sequence 10 policy p1
```

Related Commands

Command	Description
trigger pre-normalization	Configures a prenormalization algorithm for incoming SIP messages to a normalization policy.

trigger pre-normalization

To configure a prenormalization algorithm for incoming SIP messages to a normalization policy, use the **trigger pre-normalization** command in Cisco Unified SIP Proxy configuration mode. To remove the prenormalization policy algorithm from the normalization policy, use the **no** form of this command.

trigger pre-normalization sequence *sequence-number* {**by-pass | policy** *policy*} [**condition** *trigger-condition*]

no trigger pre-normalization sequence *sequence-number* {**by-pass | policy** *policy*} [**condition** *trigger-condition*]

Syntax Description

sequence *sequence-number*	Specifies the sequence number.
by-pass	Specifies that routing is done directly using RFC 3263.
policy *policy*	Specifies the previously-defined policy name that the pre-normalization algorithm will apply to. If **by-pass** is chosen, routing is done directly using RFC 3263.
condition *trigger-condition*	(Optional) Specifies the previously-defined trigger condition that the pre-normalization algorithm will apply to.

Command Default

None

Command Modes

Cisco Unified SIP Proxy configuration (cusp-config)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Usage Guidelines

Use this command to determine which normalization policies are invoked *before* routing policies are applied. Use the **trigger post-normalization** command to determine which normalization policies are invoked *after* routing policies are applied.

Examples

The following example calls for policy p1 to be invoked unconditionally:

```
se-10-0-0-0(cusp-config)> trigger pre-normalization sequence 10 policy p1
```

The following example calls for the by-pass policy to be invoked unconditionally:

```
se-10-0-0-0(cusp-config)> trigger pre-normalization sequence 10 by-pass
```

The following example deletes the call to policy p1 for prenormalization:

```
se-10-0-0-0(cusp-config)> no trigger pre-normalization sequence 10 policy p1
```

Related Commands

Command	Description
trigger post-normalization	Configures a postnormalization algorithm for outgoing SIP messages to a specific normalization policy.

trigger routing

To associate a routing policy with a trigger condition, use the **trigger routing** command in Cisco Unified SIP Proxy configuration mode. To delete the association between the routing policy and the condition, use the **no** form of this command.

trigger routing sequence *sequence-number* {**by-pass** | **policy** *policy*} [**condition** *trigger-condition*]

no trigger routing sequence *sequence-number* {**by-pass** | **policy** *policy*} [**condition** *trigger-condition*]

Syntax Description

sequence *sequence-number*	Specifies the sequence number.
by-pass	Specifies that routing is done directly using RFC 3263.
policy *policy*	Specifies the previously-defined policy name to which the routing algorithm applies. If **by-pass** is chosen, routing is done directly using RFC 3263.
condition *trigger-condition*	(Optional) Specifies the previously-defined trigger condition to which the routing policy applies.

Command Default

None

Command Modes

Cisco Unified SIP Proxy configuration (cusp-config)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Usage Guidelines

Routing triggers determine which of the configured routing policies is invoked for a received request. When a characteristic of the request matches the specified condition, the specified routing policy is invoked to determine the request's next hop.

Examples

The following example associates policy p1 with condition t1:

```
se-10-0-0-0(cusp-config)> trigger routing sequence 10 policy p1 condition t1
```

The following example associates the by-pass policy for condition mid-dialog :

```
se-10-0-0-0(cusp-config)> trigger routing sequence 10 by-pass condition mid-dialog
```

The following example deletes the association of the policy with the condition:

```
se-10-0-0-0(cusp-config)> no trigger routing sequence 10 sequence 10 policy p1
```

Related Commands

Command	Description
trigger condition	Creates a trigger condition and enters Cisco Unified SIP Proxy trigger configuration mode.

sequence (trigger)

To configure a sequence number for an existing trigger condition and enter trigger sequence configuration mode, use the **sequence** command in trigger configuration mode. To remove the sequence number from the trigger condition, use the **no** form of this command.

sequence *sequence*

no sequence *sequence*

Syntax Description

sequence	Integer that indicates the order in which triggers are evaluated.

Command Default

None

Command Modes

Trigger configuration (cusp-config-trigger)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Usage Guidelines

All trigger sequence configuration mode commands configure *and* conditions, that is, all conditions must be matched for a given trigger to fire. A list of trigger sequences is evaluated as a list of *or* conditions, so once one is matched those with later sequence numbers are ignored.

Examples

The following example assigns sequence number 1 to existing trigger condition t1:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)>
```

The following example removes sequence number 1 from existing trigger condition t1:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> no sequence 1
```

Related Commands

Command	Description
trigger condition	Creates a trigger condition and enters Cisco Unified SIP Proxy trigger configuration mode.

header (trigger sequence)

To configure the trigger to fire when matching the regular expression for this header, use the **header** command in trigger sequence configuration mode. To , use the **no** form of this command.

header *header-name* {**first** | **last** | **all**} *header-value*

no header *header-name* {**first** | **last** | **all**} *header-value*

Syntax Description

header-name	Specifies the name of the header.
first	Specifies to trigger on the first occurrence of this header.
last	Specifies to trigger on the last occurrence of this header.
all	Specifies to trigger on the all occurrences of this header.
header-value	Specifies the value of the header to trigger on.

Command Default

No trigger conditions are configured for this header.

Command Modes

Trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Examples

The following example configures this trigger to fire on the first occurrence of the header user@example.com:

```
se-10-0-0-0(cusp-config-trigger-seq)> header From first user@example.com
```

The following example removes the trigger condition using mid-dialog:

```
se-10-0-0-0(cusp-config-trigger-seq)> no header
```

in-network

To configure the incoming network for a trigger condition for a server-side transaction, use the **in-network** command in trigger sequence configuration mode. To remove the trigger condition, use the **no** form of this command.

in-network *network-name*

no in-network

Syntax Description

network-name	Specifies the incoming network name for the trigger condition.

Command Default

The network name is not configured.

Command Modes

Trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Usage Guidelines

Enter the value for this command as a regular expression.

Examples

The following example configures the in-network field for the network called “internal” for the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 22
se-10-0-0-0(cusp-config-trigger-seq)> in-network internal
```

The following example removes the in-network field from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 22
se-10-0-0-0(cusp-config-trigger-seq)> no in-network
```

Related Commands

Command	Description
out-network	Configures the outgoing network for a trigger condition for a client-side transaction.
sequence *sequence-number*	Specifies the sequence number.
trigger condition	Creates a trigger condition and enters Cisco Unified SIP Proxy trigger configuration mode.

local-ip

To configure a trigger condition in which the trigger is fired on the given local IP address, use the **local-ip** command in Cisco Unified SIP Proxy trigger sequence configuration mode. To remove the local-ip address from the trigger condition, use the **no** form of this command.

local-ip *local-listen-ip*

no local-ip

Syntax Description

local-listen-ip	The interface IP address or hostname accepting incoming requests.

Command Default

The local IP address or hostname is not configured.

Command Modes

Cisco Unified SIP Proxy trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Usage Guidelines

Enter the value for this commandas a regular expression.

Examples

The following example configures the local-listen IP address for the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 18
se-10-0-0-0(cusp-config-trigger-seq)> local-ip 10.1.1.1
```

The following example removes the local-listen IP address from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 18
se-10-0-0-0(cusp-config-trigger-seq)> no local-ip
```

Related Commands

Command	Description
local-port	Assigns a local-listen port to a trigger condition.
remote-ip	Configures the remote IP network for a trigger condition.
remote-port	Configures the remote port for a trigger condition.
trigger condition	Creates a trigger condition and enters Cisco Unified SIP Proxy trigger configuration mode.

local-port

To configure a trigger condition in which the trigger is fired on the given local-listen port, use the **local-port** command in Cisco Unified SIP Proxy trigger sequence configuration mode. To remove the local-listen port from the trigger condition, use the **no** form of this command.

local-port *local-listen-port*

no local-port

Syntax Description

local-listen-port	Specifies the local-listen port number.

Command Default

The local-listen port is not assigned to the trigger condition.

Command Modes

Trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Usage Guidelines

Enter the value of this command as a regular expression.

Examples

The following example configures the local-listen port for the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 19
se-10-0-0-0(cusp-config-trigger-seq)> local-port 5060
```

The following example removes the local-listen port from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 19
se-10-0-0-0(cusp-config-trigger-seq)> no local-port
```

Related Commands

Command	Description
local-ip	Assigns a local-listen IP address that accepts incoming requests to a trigger condition.
remote-ip	Configures the remote IP network for a trigger condition.
remote-port	Configures the remote port for a trigger condition.
trigger condition	Creates a trigger condition and enters Cisco Unified SIP Proxy trigger configuration mode.

message

To determine whether the trigger condition will fire based on whether the headers in the SIP message are request or response headers, use the **message** command in trigger sequence configuration mode. To remove the message trigger from the trigger condition, use the **no** form of this command.

message {**request** | **response**}

no message

Syntax Description

request	Specifies that the trigger condition will fire if the header in the SIP message is a request header.
response	Specifies that the trigger condition will fire if the header in the SIP message is a response header.

Command Default

No message is configured.

Command Modes

Trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Usage Guidelines

This command does not take a regular expression.

Examples

The following example configures the trigger to fire if the incoming message is a SIP request header:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> message request
```

The following example configures the trigger to fire if the incoming message is a SIP response header:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> message response
```

The following example removes the message field from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> no message
```

Related Commands

Command	Description
trigger condition	Creates a trigger condition and enters Cisco Unified SIP Proxy trigger configuration mode.

method (trigger sequence)

To configure a trigger condition in which the trigger is fired on the given SIP method name in the request, use the **method** command in Cisco Unified SIP Proxy trigger sequence configuration mode. To remove the trigger condition, use the **no** form of this command.

method *method-name*

no method

Syntax Description

method-name	Specifies the SIP method name in the request.

Command Default

No method name is configured.

Command Modes

Trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Usage Guidelines

The value of this command cannot be entered as a regular expression.

Examples

The following example configures the method name for the trigger condition to INVITE:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 3
se-10-0-0-0(cusp-config-trigger-seq)> method INVITE
```

The following example removes the method name from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 3
se-10-0-0-0(cusp-config-trigger-seq)> no method
```

Related Commands

Command	Description
trigger condition	Creates a trigger condition and enters Cisco Unified SIP Proxy trigger configuration mode.

mid-dialog

To configure the trigger to fire on mid-dialog responses, use the **mid-dialog** command in Cisco Unified SIP Proxy trigger sequence configuration mode. To remove the trigger condition, use the **no** form of this command.

mid-dialog

no mid-dialog

Syntax Description

This command has no arguments or keywords.

Command Default

Trigger does not fire on mid-dialog responses.

Command Modes

Trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Examples

The following example configures the trigger to fire on mid-dialog responses:

```
se-10-0-0-0(cusp-config-trigger-seq)> mid-dialog
```

The following example configures the trigger to not fire on mid-dialog responses:

```
se-10-0-0-0(cusp-config-trigger-seq)> no mid-dialog
```

out-network

To configure the outgoing network for a trigger condition for a client-side transaction, use the **out-network** command in trigger sequence configuration mode. To remove the trigger condition, use the **no** form of this command.

out-network *network-name*

no out-network

Syntax Description

network-name	Specifies the outgoing network for the trigger condition.

Command Default

None

Command Modes

Trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Usage Guidelines

Enter the value for this commandas a regular expression.

Examples

The following example configures the out-network field for the network called “external” for the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 23
se-10-0-0-0(cusp-config-trigger-seq)> out-network external
```

The following example removes the out-network field from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 23
se-10-0-0-0(cusp-config-trigger-seq)> no out-network
```

Related Commands

Command	Description
in-network	Configures the incoming network for a trigger condition for a server-side transaction.
trigger condition	Creates a trigger condition and enters Cisco Unified SIP Proxy trigger configuration mode.

protocol

To configure a trigger condition in which the trigger is fired on the specific protocol name, use the **protocol** command in Cisco Unified SIP Proxy trigger sequence configuration mode. To remove the trigger condition, use the **no** form of this command.

protocol {**tcp** | **tls** | **udp**}

no protocol

Syntax Description

tcp	Sets TCP as the transport protocol for the trigger condition.
tls	Sets TLS as the transport protocol for the trigger condition.
udp	Sets UDP as the transport protocol for the trigger condition.

Command Default

The protocol is not configured.

Command Modes

Cisco Unified SIP Proxy trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Examples

The following example configures the trigger condition to use UDP as the transport protocol:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 24
se-10-0-0-0(cusp-config-trigger-seq)> protocol udp
```

The following example removes the transport protocol from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 24
se-10-0-0-0(cusp-config-trigger-seq)> no protocol
```

Related Commands

Command	Description
trigger condition	Creates a trigger condition and enters Cisco Unified SIP Proxy trigger configuration mode.

proxy-route header-param

To configure a trigger to fire when matching the regular expression for the specified header parameter, use the **proxy-route header-param** command in Cisco Unified SIP Proxy trigger sequence configuration mode. To remove the trigger condition, use the **no** form of this command.

proxy-route header-param *header-param-name match-string*

no proxy-route header-param *header-param-name*

Syntax Description

header-param-name	Specifies the name of the header parameter to match. This argument does not accept regular expressions.
match-string	Specifies the value that the header parameter must match.

Command Default

No header parameter is configured on the trigger condition.

Command Modes

Cisco Unified SIP Proxy trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Examples

The following example configures the trigger to fire when the header parameter service-ref equals abczyx123:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> proxy-route header-param service-ref abczyx123
```

The following example removes the header parameter from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> no proxy-route header-param service-ref
```

Related Commands

Command	Description
trigger condition	Creates a trigger condition and enters Cisco Unified SIP Proxy trigger configuration mode.

proxy-route uri-component

To configure a trigger to fire when matching the regular expression for the specified URI component, use the **proxy-route uri-component** command in Cisco Unified SIP Proxy trigger sequence configuration mode. To remove the trigger condition, use the **no** form of this command.

proxy-route uri-component host *host* | **port** *port* | **scheme** *scheme* | **uri** *uri* | **user** *user*

no proxy-route uri-component host *host* | **port** *port* | **scheme** *scheme* | **uri** *uri* | **user** *user*

Syntax Description

host *host*	Specifies the value that the host URI component must match.
port *port*	Specifies the value that the port URI component must match.
scheme *scheme*	Specifies the value that the scheme URI component must match.
uri *uri*	Specifies the value that the URI URI component must match.
user *user*	Specifies the value that the user URI component must match.

Command Default

No URI component is configured on the trigger condition.

Command Modes

Cisco Unified SIP Proxy trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Examples

The following example configures the trigger to fire when the user component equals 949:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> proxy-route uri-component user 949
```

The following example configures the trigger to fire when the scheme component equals sip:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> proxy-route uri-component scheme sip
```

The following example configures the trigger to fire when the host component equals 10.3.29.107:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> proxy-route uri-component host  10.3.29.107
```

The following example configures the trigger to fire when the port component equals 5060:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> proxy-route uri-component port 5060
```

The following example configures the trigger to fire when the URI equals sip:9495550101@10.3.29.107:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> proxy-route uri-component uri
sip:9495550101@10.3.29.107
```

The following example removes the user URI component from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> no proxy-route uri-component user
```

proxy-route uri-param

To configure a trigger to fire when matching the regular expression for the specified URI parameter, use the **proxy-route uri-param** command in Cisco Unified SIP Proxy trigger sequence configuration mode. To remove the trigger condition, use the **no** form of this command.

proxy-route uri-param *uri-param-name match-string*

no proxy-route uri-param *uri-param-name*

Syntax Description

uri-param-name	Specifies the name of the URI parameter to match. This argument does not accept regular expressions.
match-string	Specifies the value that the parameter must match.

Command Default

No URI parameter is configured on the trigger condition.

Command Modes

Cisco Unified SIP Proxy trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Examples

The following example configures the trigger to fire when the URI parameter transport equals tcp:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> proxy-route uri-param transport tcp
```

The following example removes the user URI parameter from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> no proxy-route uri-param transport
```

remote-ip

To configure a trigger condition in which the trigger is fired on the specific remote IP address of the peer element, use the **remote-ip** command in Cisco Unified SIP Proxy trigger sequence configuration mode. To remove the remote IP address from the trigger condition, use the **no** form of this command.

remote-ip *remote-ip*

no remote-ip [*remote-ip*]

Syntax Description

remote-ip	Specifies the remote IP address.

Command Default

The remote IP address is not configured.

Command Modes

Cisco Unified SIP Proxy trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Examples

The following example configures the remote IP address for the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 20
se-10-0-0-0(cusp-config-trigger-seq)> remote-ip 10.1.1.2
```

The following example removes the remote IP address from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1 sequence 20
se-10-0-0-0(cusp-config-trigger)> sequence 20
se-10-0-0-0(cusp-config-trigger-seq)> no remote-ip
```

Related Commands

Command	Description
trigger condition	Creates a trigger condition and enters Cisco Unified SIP Proxy trigger configuration mode.

remote-port

To configure a trigger condition in which the trigger is fired on the specific remote port number of the peer element, use the **remote-port** command in Cisco Unified SIP Proxy trigger sequence configuration mode. To remove the remote port from the trigger condition, use the **no** form of this command.

remote-port *remote-port*

no remote-port *remote-port*

Syntax Description

remote-port	Specifies the remote port number.

Command Default

The remote port number is not configured.

Command Modes

Cisco Unified SIP Proxy trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Usage Guidelines

Enter the value of this command as a regular expression.

Examples

The following example configures the remote port for the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 21
se-10-0-0-0(cusp-config-trigger-seq)> remote-port 5060
```

The following example removes the remote port from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 21
se-10-0-0-0(cusp-config-trigger-seq)> no remote-port
```

Related Commands

Command	Description
trigger condition	Creates a trigger condition and enters Cisco Unified SIP Proxy trigger configuration mode.

request-uri uri-component

To configure a trigger to fire when matching the regular expression for the specified URI component, use the **request-uri uri-component** command in Cisco Unified SIP Proxy trigger sequence configuration mode. To remove the trigger condition, use the **no** form of this command.

request-uri uri-component host *host* | **port** *port* | **scheme** *scheme* | **uri** *uri* | **user** *user*

no request-uri uri-component host *host* | **port** *port* | **scheme** *scheme* | **uri** *uri* | **user** *user*

Syntax Description

host *host*	Specifies the value that the host URI component must match.
port *port*	Specifies the value that the port URI component must match.
scheme *scheme*	Specifies the value that the scheme URI component must match.
uri *uri*	Specifies the value that the URI URI component must match.
user *user*	Specifies the value that the user URI component must match.

Command Default

No URI component is configured on the trigger condition.

Command Modes

Cisco Unified SIP Proxy trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Examples

The following example configures the trigger to fire when the user component equals 949:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> request-uri uri-component user 949
```

The following example configures the trigger to fire when the scheme component equals sip:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> request-uri uri-component scheme sip
```

The following example configures the trigger to fire when the host component equals 10.3.29.107:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> request-uri uri-component host  10.3.29.107
```

The following example configures the trigger to fire when the port component equals 5060:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> request-uri uri-component port 5060
```

The following example configures the trigger to fire when the URI equals sip:9495550101@10.3.29.107:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> request-uri uri-component uri
sip:9495550101@10.3.29.107
```

The following example removes the user URI component from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> no request-uri uri-component user
```

request-uri uri-param

To configure a trigger to fire when matching the regular expression for the specified URI parameter, use the **request-uri uri-param** command in Cisco Unified SIP Proxy trigger sequence configuration mode. To remove the trigger condition, use the **no** form of this command.

request-uri uri-param *uri-param-name match-string*

no request-uri uri-param *uri-param-name*

Syntax Description

uri-param-name	Specifies the name of the URI parameter to match. This argument does not accept regular expressions.
match-string	Specifies the value that the parameter must match.

Command Default

No URI parameter is configured on the trigger condition.

Command Modes

Cisco Unified SIP Proxy trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Examples

The following example configures the trigger to fire when the URI parameter transport equals tcp:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> request-uri uri-param transport tcp
```

The following example removes the user URI parameter from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> no request-uri uri-component transport
```

response-code

To configure a trigger condition to fire on a specific response, use the **response-code** command Cisco Unified SIP Proxy trigger sequence configuration mode. To remove the response code from the trigger condition, use the **no** form of this command.

response-code *code*

no response-code *code*

Syntax Description

code	Specifies the SIP response code for the trigger condition. This can be a number, or it can be configured in the following format: N(/d){2}, where N is the number for the class response. For example, you would enter 2 for 2xx responses.

Command Default

No response code is configured.

Command Modes

Cisco Unified SIP Proxy trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Examples

The following example configures the response code for a trigger condition to 408:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 4
se-10-0-0-0(cusp-config-trigger-seq)> response-code 408
```

The following example removes the response code from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 4
se-10-0-0-0(cusp-config-trigger-seq)> no response-code
```

Related Commands

Command	Description
trigger condition	Creates a trigger condition and enters Cisco Unified SIP Proxy trigger configuration mode.

time

To configure the trigger to fire if the specified time policy is met, use the **time** command in Cisco Unified SIP Proxy trigger sequence configuration mode. To remove the time policy, use the **no** form of this command.

time *policy*

no time

Syntax Description

policy	Specifies the time policy previously configured using the **policy time** command.

Command Default

No time policy is configured.

Command Modes

Cisco Unified SIP Proxy trigger sequence configuration (cusp-config-trigger-seq)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Examples

The following example configures the trigger condition t1 to fire when the time policy fridays is met:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> time fridays
```

The following example removes the the trigger condition using time policy:

```
se-10-0-0-0(cusp-config-rg)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 1
se-10-0-0-0(cusp-config-trigger-seq)> no time
```

Related Commands

Command	Description
trigger condition	Creates a trigger condition and enters Cisco Unified SIP Proxy trigger configuration mode.

user-agent-hdr

To configure a trigger condition to fire on the value of the User Agent header field, use the **user-agent-hdr** command in Cisco Unified SIP Proxy trigger sequence configuration mode. To remove the trigger condition, use the **no** form of this command.

user agent-hdr *user-agent-hdr-value*

no user agent-hdr *user-agent-hdr-value*

Syntax Description

user-agent-hdr-value	Specifies the user-agent header field.

Command Default

The user-agent header field is not configured.

Command Modes

Cisco Unified SIP Proxy trigger sequence configuration (cusp-config-trigger)

Command History

Cisco Unified SIP Proxy Version	Modification
1.0	This command was introduced.

Usage Guidelines

The value of this command is entered as a regular expression.

Examples

The following example configures the user agent header for a trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 26
se-10-0-0-0(cusp-config-trigger-seq)> user-agent-hdr Cisco SIPGateway/IOS-12.x
```

The following example removes the user agent header from the trigger condition:

```
se-10-0-0-0(cusp-config)> trigger condition t1
se-10-0-0-0(cusp-config-trigger)> sequence 26
se-10-0-0-0(cusp-config-trigger-seq)> no user-agent-hdr
```

Related Commands

Command	Description
trigger condition	Creates a trigger condition and enters Cisco Unified SIP Proxy trigger configuration mode.