



ACI MSC - Filter Operations

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ACI MSC - Add Entry to Filter

Summary

ACI MSC - Add Entry to Filter

Description

This task adds Entry to Filter associated to the Schema Template of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Filter Name	Select a Filter name	ACIMultiSite FilterIdentity	Y
Entry Name	Provide the name of a filter entry. This name can be up to 64 alphanumeric characters.	gen_text_input	Y
Description	Provide a description of a filter entry. The description can be up to 128 alphanumeric characters.	gen_text_input	
Type	Provide a type. The type can be one of the following: arp, fcoe, ip, mac-security, mpls-unicast, trill, unspecified. The default is unspecified.	gen_text_input	
ARP Flag	Provide the open peripheral codes for the address resolution protocol. The open peripheral codes can be one of the following: unspecified, reply, request. The default is unspecified.	gen_text_input	
IP Protocol	Provide an IP protocol. The supported IP protocols are egp, eigrp, icmp, igmp, igp, l2tp, ospf, pim, tcp, udp, unspecified. The default is unspecified.	gen_text_input	
Match Only Fragments	Check to enable match only packet fragments. When enabled, the rule applies to any IP fragment with an offset that is greater than 0 (all IP fragments except the first). When disabled, the rule will not apply to IP fragments with an offset greater than 0 because TCP/UDP port information can only be checked in initial fragments.	Boolean	
StateFul	Check to enable stateful. This applies to the TCP protocol only. The default is unchecked.	Boolean	
Source Port Range From	Provide the start of the source port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	

Input	Description	Mappable To Type	Mandatory
Source Port Range To	Provide the end of the source port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
Destination Port Range From	Provide the start of the destination port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
Destination Port Range To	Provide the end of the destination port range. The port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
TCP Session Rules	Provide the TCP session rule of the filter entry. The TCP session rules are synchronize, established, acknowledgment, reset, finish. The default is unspecified.	gen_text_input	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
FILTER_NAME	ACI Multi-Site Filter Name	gen_text_input

Output	Description	Type
FILTER_IDENTITY	ACI Multi-Site Filter Identity	ACIMultiSiteFilterIdentity
ENTRY_TO_FILTER_NAME	ACI Multi-Site Entry to Filter Name	gen_text_input
ENTRY_TO_FILTER_IDENTITY	ACI Multi-Site Entry to Filter Identity	ACIMultiSiteEntryToFilterIdentity

ACI MSC - Add Filter to Template

Summary

ACI MSC - Add Filter to Template.

Description

This task creates a Filter to the ACI Multi-Site Template.

Inputs

Input	Description	Mappable To Type	Mandatory
Template Name	Select a template name	MSCDevice Schema Template Identity	Y
Display Name	Provide the name of the filter	gen_text_input	Y
Entries	Check this option for adding an Entry	Boolean	
Entry Name	Provide the name of a filter entry. This name can be up to 64 alphanumeric characters.	gen_text_input	
Description	Provide a description of a filter entry. The description can be up to 128 alphanumeric characters.	gen_text_input	
Type	Provide a type. The type can be one of the following: arp, fcoe, ip, mac-security, mpls-unicast, trill, unspecified. The default is unspecified.	gen_text_input	
ARP Flag	Provide the open peripheral codes for the address resolution protocol. The open peripheral codes can be one of the following: unspecified, reply, request. The default is unspecified.	gen_text_input	
IP Protocol	Provide an IP protocol. The supported IP protocols are egp, eigrp, icmp, igmp, igp, l2tp, ospf, pim, tcp, udp, unspecified. The default is unspecified.	gen_text_input	
Match Only Fragments	Check to enable match only packet fragments. When enabled, the rule applies to any IP fragment with an offset that is greater than 0 (all IP fragments except the first). When disabled, the rule will not apply to IP fragments with an offset greater than 0 because TCP/UDP port information can only be checked in initial fragments.	Boolean	
StateFul	Check to enable stateful. This applies to the TCP protocol only. The default is unchecked.	Boolean	
Source Port Range From	Provide the start of the source port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead	gen_text_input	

Input	Description	Mappable To Type	Mandatory
	choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.		
Source Port Range To	Provide the end of the source port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
Destination Port Range From	Provide the start of the destination port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
Destination Port Range To	Provide the end of the destination port range. The port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
TCP Session Rules	Provide the TCP session rule of the filter entry. The TCP session rules are synchronize, established, acknowledgment, reset, finish. The default is unspecified.	gen_text_input	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input

Output	Description	Type
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchema TemplateIdentity
FILTER_NAME	ACI Multi-Site Filter Name	gen_text_input
FILTER_IDENTITY	ACI Multi-Site Filter Identity	ACIMultiSiteFilterIdentity
ENTRY_TO_FILTER_NAME	ACI Multi-Site Entry to Filter Name	gen_text_input
ENTRY_TO_FILTER_IDENTITY	ACI Multi-Site Entry to Filter Identity	ACIMultiSiteEntryToFilter Identity

ACI MSC - Remove Entry from Filter

Summary

ACI MSC - Remove Entry from Filter.

Description

This task deletes Entry from Filter associated to the Schema Template of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Entry Name	Select an entry name to be removed	ACIMultiSiteEntryToFilterIdentity	Y
Do you want to delete the selected Entry From Filter?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
FILTER_NAME	ACI Multi-Site Filter Name	gen_text_input
FILTER_IDENTITY	ACI Multi-Site Filter Identity	ACIMultiSiteFilterIdentity
ENTRY_TO_FILTER_NAME	ACI Multi-Site Entry to Filter Name	gen_text_input
ENTRY_TO_FILTER_IDENTITY	ACI Multi-Site Entry to Filter Identity	ACIMultiSiteEntryToFilterIdentity

ACI MSC - Remove Filter from Template

Summary

ACI MSC - Remove Filter from Template.

Description

This task deletes a Filter from the ACI Multi-Site Template.

Inputs

Input	Description	Mappable To Type	Mandatory
Filter Name	Select a Filter name to be removed	ACIMultiSiteFilter Identity	Y
Do you want to delete the selected Filter?	This input is a label only. It does not take a value.		Y

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
FILTER_NAME	ACI Multi-Site Filter Name	gen_text_input
FILTER_IDENTITY	ACI Multi-Site Filter Identity	ACIMultiSiteFilterIdentity

ACI MSC - Update Entry to Filter

Summary

ACI MSC - Update Entry to Filter.

Description

This task updates Entry to Filter associated to the Schema Template of ACI Multi-Site controller.

Inputs

Input	Description	Mappable To Type	Mandatory
Entry Name	Select an entry name to be updated	ACIMultiSiteEntryToFilterIdentity	Y
Description	Provide the description of a filter entry. The description can be up to 128 alphanumeric characters.	gen_text_input	
Type	Provide a type. The type can be one of the following: arp, fcoe, ip, mac-security, mpls-unicast, trill, unspecified. The default is unspecified.	gen_text_input	
ARP Flag	Provide the open peripheral codes for the address resolution protocol. The open peripheral codes can be one of the following: unspecified, reply, request. The default is unspecified.	gen_text_input	
IP Protocol	Provide an IP protocol. The supported IP protocols are egp, eigrp, icmp, igmp, igp, l2tp, ospf, pim, tcp, udp, unspecified. The default is unspecified.	gen_text_input	
Match Only Fragments	Check to enable match only packet fragments. When enabled, the rule applies to any IP fragment with an offset that is greater than 0 (all IP fragments except the first). When disabled, the rule will not apply to IP fragments with an offset greater than 0 because TCP/UDP port information can only be checked in initial fragments.	Boolean	
StateFul	Check to enable stateful. This applies to the TCP protocol only. The default is unchecked.	Boolean	
Source Port Range From	Provide the start of the source port range. The start of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
Source Port Range To	Provide the end of the source port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and	gen_text_input	

Input	Description	Mappable To Type	Mandatory
	To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.		
Destination Port Range From	Provide the start of the destination port range. The end of the port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
Destination Port Range To	Provide the end of the destination port range. The port range is determined by the server type. You can define a single port by specifying the same value in the From and To fields, or you can define a range of ports from 0 to 65535 by specifying different values in the From and To fields. Instead of specifying a number, you can instead choose one of the following server types to use the pre-defined port of that type: dns, ftp-data, http, https, pop3, rtsp, smtp, unspecified. The default is unspecified.	gen_text_input	
TCP Session Rules	Provide the TCP session rule of the filter entry. The TCP session rules are synchronize, established, acknowledgment, reset, finish. The default is unspecified.	gen_text_input	

Outputs

Output	Description	Type
ACI_MULTI_SITE_ACCOUNT	ACI Multi-Site Account on which the selected operation was performed	MSCDeviceIdentity
ACI_MULTI_SITE_SCHEMA_NAME	Schema Name on which the selected operation was performed	gen_text_input
SCHEMA_IDENTITY	ACI Multi-Site Schema Identity	MSCDeviceSchemaIdentity
ACI_MULTI_SITE_TEMPLATE_NAME	Template Name on which the selected operation was performed	gen_text_input
TEMPLATE_IDENTITY	ACI Multi-site Template Identity	MSCDeviceSchemaTemplateIdentity
FILTER_NAME	ACI Multi-Site Filter Name	gen_text_input
FILTER_IDENTITY	ACI Multi-Site Filter Identity	ACIMultiSiteFilterIdentity
ENTRY_TO_FILTER_NAME	ACI Multi-Site Entry to Filter Name	gen_text_input

Output	Description	Type
ENTRY_TO_FILTER_IDENTITY	ACI Multi-Site Entry to Filter Identity	ACIMultiSiteEntryToFilterIdentity