



Configuring LAG Aggregation

SUMMARY STEPS

1. ProvisionLacPortType
2. setAggregationCfg aggPortConfig { aggEnabled | group | portNumber}
3. setAggregationCfg review
4. setAggregationCfg commit
5. setAggregationCfg exit

DETAILED STEPS

	Command or Action	Purpose
Step 1	<p>ProvisionLacPortType</p> <p>Example: Switch(config-controller)# ProvisionLacPortType</p>	Enters the ProvisionLacPortType mode.
Step 2	<p>setAggregationCfg aggPortConfig { aggEnabled group portNumber}</p> <p>Example: Switch(config-controller-ProvisionLacPortType)# setAggregationCfg Switch(config-controller-ProvisionLacPortType)# setAggregationCfg aggPortConfig Switch(config-controller-ProvisionLacPortType)# setAggregationCfg aggPortConfig aggEnabled Switch(config-controller-ProvisionLacPortType)# setAggregationCfg aggPortConfig group Switch(config-controller-ProvisionLacPortType)# setAggregationCfg aggPortConfig portNumber</p>	<p>Configures Static LAG aggregation on LACP mode.</p> <ul style="list-style-type: none"> • aggEnabled <ul style="list-style-type: none"> • enable—Enable static LAG group on interface. • disable—Disable static LAG group on interface. • group—Configure aggregation group. • portNumber—Configure targeted interface on the controller .

	Command or Action	Purpose
Step 3	setAggregationCfg review Example: Switch(config-controller-ProvisionLacpPortType) # setAggregationCfg review	Displays the LACP aggregation configuration on the controller .
Step 4	setAggregationCfg commit Example: Switch(config-controller-ProvisionLacpPortType) # setAggregationCfg commit	Sends the LACP aggregation configuration on the controller .
Step 5	setAggregationCfg exit Example: Switch(config-controller-ProvisionLacpPortType) # setAggregationCfg exit	Exists the LACP aggregation configuration mode.

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Viewing LAG Aggregation Commands on the controller .

SUMMARY STEPS

1. ProvisionLacpPortType
2. getAggregationCfg aggPortConfig lacpPhysicalPort
3. getAggregationCfg review
4. getAggregationCfg commit
5. getAggregationCfg exit

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionLacpPortType Example: Switch(config-controller) # ProvisionLacpPortType	Enters the ProvisionLacpPortType mode.
Step 2	getAggregationCfg aggPortConfig lacpPhysicalPort Example: Switch(config-controller-ProvisionLacpPortType) # getAggregationCfg Switch(config-controller-ProvisionLacpPortType) # getAggregationCfg aggPortConfig Switch(config-controller-ProvisionLacpPortType) # getAggregationCfg aggPortConfig lacpPhysicalPort	<ul style="list-style-type: none"> • lacpPhysicalPort—Gets static aggregation request commands oncontroller .
Step 3	getAggregationCfg review Example: Switch(config-controller-ProvisionLacpPortType) # getAggregationCfg review	Displays the LAG aggregation commands on the controller .
Step 4	getAggregationCfg commit Example: Switch(config-controller-ProvisionLacpPortType) # GetAggregationCfg commit	Sends the LAG aggregation configuration on the controller .
Step 5	getAggregationCfg exit Example: Switch(config-controller-ProvisionLacpPortType) # setAggregationCfg exit	Exists the LACP aggregation configuration mode.

Configuring LAG Traffic Distribution Mode

SUMMARY STEPS

1. ProvisionLacpPortType
2. setAggregationMode aggModeConfig {dmac { enable | disable} | ip { enable | disable} | port { enable | disable} | smac { enable | disable} }
3. aggModeConfig review
4. aggModeConfig commit
5. aggModeConfig exit

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionLacpPortType Example: Switch(config-controller)# ProvisionLacpPortType	Enters the ProvisionLacpPortType mode.
Step 2	setAggregationMode aggModeConfig {dmac { enable disable} ip { enable disable} port { enable disable} smac { enable disable} } Example: Switch(config-controller-ProvisionLacpPortType)# setAggregationMode aggModeConfig Switch(config-controller-ProvisionLacpPortType)# setAggregationMode aggModeConfig dmac enable Switch(config-controller-ProvisionLacpPortType)# setAggregationMode aggModeConfig ip enable Switch(config-controller-ProvisionLacpPortType)# setAggregationMode aggModeConfig port enable Switch(config-controller-ProvisionLacpPortType)# setAggregationMode aggModeConfig smac enable	Configures traffic distribution mode. <ul style="list-style-type: none"> • dmac <ul style="list-style-type: none"> • enable—Uses destination MAC address for traffic distribution. • disable—Does not use destination MAC address for traffic distribution. • ip <ul style="list-style-type: none"> • enable—Uses ip address for traffic distribution. • disable—Does not use ip address for traffic distribution. • port <ul style="list-style-type: none"> • enable—Uses ip port for traffic distribution. • disable—Does not use ip port for traffic distribution. • smac <ul style="list-style-type: none"> • enable—Uses source MAC address for traffic distribution. • disable—Does not use source MAC address for traffic distribution.

	Command or Action	Purpose
Step 3	aggModeConfig review Example: Switch(config-controller-ProvisionLacpPortType)# aggModeConfig review	Displays the LACP aggregation configuration mode commands on the controller .
Step 4	aggModeConfig commit Example: Switch(config-controller-ProvisionLacpPortType)# aggModeConfig commit	Sends the LACP aggregation mode configuration commands on the controller .
Step 5	aggModeConfig exit Example: Switch(config-controller-ProvisionLacpPortType)# aggModeConfig exit	Exists the LACP aggregation configuration mode.

Viewing LAG Traffic Distribution Mode

SUMMARY STEPS

1. ProvisionLacpPortType
2. getAggregationMode aggModeConfigReq
3. getAggregationMode review
4. getAggregationMode commit
5. getAggregationMode exit

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionLacpPortType Example: Switch(config-controller)# ProvisionLacpPortType	Enters the ProvisionLacpPortType mode.
Step 2	getAggregationMode aggModeConfigReq	<ul style="list-style-type: none"> • aggModeConfigReq—Gets aggregation mode configuration

	Command or Action	Purpose
	<p>Example:</p> <pre>Switch(config-controller-ProvisionLacpPortType) # getAggregationMode aggModeConfigReq</pre>	
Step 3	<p>getAggregationMode review</p> <p>Example:</p> <pre>Switch(config-controller-ProvisionLacpPortType) # getAggregationMode review</pre>	Displays the aggregation configuration mode commands on the controller .
Step 4	<p>getAggregationMode commit</p> <p>Example:</p> <pre>Switch(config-controller-ProvisionLacpPortType) # getAggregationMode commit</pre>	Sends the LACP aggregation mode configuration commands on the controller .
Step 5	<p>getAggregationMode exit</p> <p>Example:</p> <pre>Switch(config-controller-ProvisionLacpPortType) # getAggregationMode exit</pre>	Exists the LACP aggregation configuration mode.

Viewing Static Aggregation Group

SUMMARY STEPS

1. ProvisionLacpPortType
2. showAggregation showAggConfigReq
3. showAggregation review
4. showAggregation commit
5. setAggregationCfg exit

DETAILED STEPS

	Command or Action	Purpose
Step 1	ProvisionLacpPortType Example: Switch(config-controller)# ProvisionLacpPortType	Enters the ProvisionLacpPortType mode.
Step 2	showAggregation showAggConfigReq Example: Switch(config-controller-ProvisionLacpPortType)# showAggregation Switch(config-controller-ProvisionLacpPortType)# showAggregation showAggConfigReq	Displays Static LAG aggregation on LACP mode. <ul style="list-style-type: none"> • showAggConfigReq—Displays all on thecontroller .
Step 3	showAggregation review Example: Switch(config-controller-ProvisionLacpPortType)# showAggregation review	Displays the LAG aggregation configuration on the controller .
Step 4	showAggregation commit Example: Switch(config-controller-ProvisionLacpPortType)# setAggregationCfg commit	Sends the LAG aggregation configuration on the controller .
Step 5	setAggregationCfg exit Example: Switch(config-controller-ProvisionLacpPortType)# setAggregationCfg exit	Exists the LACP aggregation configuration mode.

