proto: ip from: router from: router to: controller to: user to_report: true data:  proto: dtmp command: get_rule data:  to_role: role1 from_role: role2 proto: proto0 key: key0   proto: ip from: controller to_report: dtmp command: set_rule data:  to_role: role2 proto: proto0 key: key0  decision: allowed   proto: ip from: controller to: router to: router to: router to: router to_report: true data:  proto: dtmp command: deploy_rule data:  from_role: role1 to_role: role2 proto: proto1 decision: allowed key: key0   proto: dtmp command: deploy_rule data:  from_role: role1 to_role: role2 proto: proto1 decision: allowed key: key0   proto: ip from: user to: router to: addr1 to: addr2 proto: dtmp command: set_flow data:  from: addr1 to: addr2 proto: pr			
to: controller to_report: true data:  proto: dtmp command: get_rule data:  to_role: role1 from_role: role2 proto: proto0 key: key0   proto: ip from: controller to_report: true data:  proto: ip from: controller to: router to_report to: router to_ropert: rule data:  proto: dtmp command: set_rule data:  role_from: addr1 role_ito: addr2 proto: proto0 proto: proto1 proto: proto2 proto: proto3 proto: proto4 proto: proto4 proto: ip from: controller to: router to: router to: router to: router to: router data: proto: dtmp command: deploy_rule data: from_role: role1 to_role: role2 proto: proto1 decision: allowed key: key0   command: deploy_rule data: from_role: role1 to_role: role2 proto: proto1 decision: allowed key: key0   command: deploy_rule data: from_role: role1 to_role: role2 proto: proto1 decision: allowed key: key0   command: deflowed locaddr2 proto: proto1 decision: allowed key: key0   command: deflowed locaddr2 proto: proto1 decision: allowed locaddr2 proto: proto1 locaddr2 proto: proto1 locaddr2 proto: proto1 locaddr2 locaddr3 locaddr3 locaddr3 locaddr4	proto: ip	proto: ip	proto: ip
to_report: true data:	from: router	from: user	from: router
data:     proto: dtmp	to: controller	to: controller	to: user
data:     proto: dtmp	to_report: true	to_report: true	to_report: true
command: get_rule data: command: set_rule data: to_role: role1 role2 role_from: addr1 to: addr1 from_role: role2 proto: proto0 proto: proto1 proto: proto: proto0 proto: proto1 proto: proto: protoc:		data:	data:
data: to_role: role1 from_role: role2 proto: proto0 key: key0  proto: ip from: controller to: router to_report: true data:  proto: dtmp command: deploy_rule data:     from_role: role1     from_role: role2     proto: proto1     decision: allowed data:     from_role: role1     to_role: role2     proto: proto1     decision: allowed     data:     from_role: role1     to_role: role2     proto: proto1     decision: allowed     key: key0   data:     data:     to: addr2     proto: dtmp     command: deploy_rule     data:     from_role: role1     to_role: role2     proto: proto1     decision: allowed     key: key0   data:     from_role: role1     from: addr1     decision: allowed     key: key0  [[to_role: role2]]	proto: dtmp	proto: dtmp	proto: dtmp
to_role: role1 from_role: role2 proto: proto0 key: key0   proto: ip from: controller to_router to_report: true data: proto: dtmp command: deploy_rule data: from_role: role1 from_role: role2 proto: proto1 decision: allowed   proto: ip from: controller to_report: true data: proto: dtmp command: deploy_rule data: from_role: role1 to_role: role2 proto: proto1 decision: allowed key: key0   to: addr1 from: addr2 proto: ip from: user to: router to_report: true data: data: proto: dtmp command: deploy_rule data: from_role: role1 to_role: role2 proto: proto1 decision: allowed key: key0  [to_role: role2]	command: get_rule	command: set_rule	command: request_flow
from_role: role2 proto: proto0 key: key0  decision: allowed   proto: ip from: controller to: router to: router to: router to-report: true data: proto: dtmp command: deploy_rule data: from_role: role1 to_role: role2 proto: proto1 decision: allowed key: key0   from: addr2 proto: ip from: user to: router to: router to_report: true data: proto: dtmp command: deploy_rule data: from_role: role1 to_role: role2 proto: proto1 decision: allowed key: key0   from_role: role2]  from: addr1 to: addr2 proto: proto1 decision: allowed key: key0  [to_role: role2]	data:	data:	data:
proto: proto0 key: key0 decision: allowed  proto: ip from: controller to: router to_report: true data: proto: dtmp command: deploy_rule data:     from_role: role1     to_role: role2 proto: proto1 decision: allowed key: key0  proto: proto: proto: proto1 decision: allowed key: key0  proto: pro	to_role: role1	role_from: addr1	to: addr1
key: key0 decision: allowed  proto: ip from: controller to: router to: router to_report: true data:     proto: dtmp     command: deploy_rule data:     from_role: role1     to_role: role2     proto: proto1     decision: allowed     key: key0   decision: allowed     key: key0  decision: allowed     key: key0   decision: allowed     in     in    in     in     in     in     in     in     in     in     in     in	from_role: role2	role_:to: addr2	from: addr2
proto: ip from: controller to: router to: report: true data:     proto: dtmp     command: deploy_rule data:     from_role: role1     to_role: role2     proto: proto1     decision: allowed     key: key0   proto: ip from: user to: router to_report: true data:     proto: dtmp     command: set_flow data:     from: addr1     to: addr2     proto: proto1     decision: allowed     key: key0	proto: proto0	proto: proto1	proto: proto0
proto: ip from: controller to: router to: router to_report: true data:     proto: dtmp     command: deploy_rule     data:     from_role: role1     to_role: role2     proto: proto1     decision: allowed     key: key0  proto: ip from: user to: router to_report: true data:     proto: dtmp     command: set_flow data:     from: addr1     to: addr2     proto: proto1     decision: allowed     key: key0	key: key0	decision: allowed	
from: controller to: router to: router to_report: true data:     proto: dtmp     command: deploy_rule     data:         from_role: role1         to_report: true data:         from_role: role2         proto: proto1         decision: allowed         key: key0   from: user to: router to: router to_report: true data:     proto: dtmp     command: set_flow data:     from: addr1     to: addr2     proto: proto1     decision: allowed     [to_role: role1] [from_role: role2]			
from: controller to: router to: router to_report: true data:     proto: dtmp     command: deploy_rule     data:         from_role: role1         to_report: true data:         from_role: role2         proto: proto1         decision: allowed         key: key0   from: user to: router to: router to_report: true data:     proto: dtmp     command: set_flow data:     from: addr1     to: addr2     proto: proto1     decision: allowed     [to_role: role1] [from_role: role2]			
from: controller to: router to: router to_report: true data:     proto: dtmp     command: deploy_rule     data:         from_role: role1         to_report: true data:         from_role: role2         proto: proto1         decision: allowed         key: key0   from: user to: router to: router to_report: true data:     proto: dtmp     command: set_flow data:     from: addr1     to: addr2     proto: proto1     decision: allowed     [to_role: role1] [from_role: role2]			
to: router to_report: true  data:     proto: dtmp     command: deploy_rule     data:     from_role: role1     to_role: role2     proto: proto1     decision: allowed     key: key0   to: router to_report: true data:     proto: dtmp     command: set_flow data:     from: addr1     to: addr2     proto: proto1     decision: allowed     key: key0	•		·
to_report: true  data:  proto: dtmp  command: deploy_rule  data:  from_role: role1  to_role: role2  proto: proto1  decision: allowed  key: key0  to_report: true  data:  proto: dtmp  command: set_flow  data:  from: addr1  to: addr2  proto: proto1  decision: allowed  key: key0  [from_role: role2]			
data:     proto: dtmp     command: deploy_rule     data:     from_role: role1     to_role: role2     proto: proto1     decision: allowed     key: key0   data:     proto: dtmp     command: set_flow     data:     from: addr1     to: addr2     proto: proto1     decision: allowed     key: key0   [from_role: role2]			
proto: dtmp command: deploy_rule data: from_role: role1 to_role: role2 proto: proto1 decision: allowed key: key0  proto: dtmp command: set_flow data: from: addr1 to= addr2 proto: proto1 decision: allowed key: key0  [from_role: role1] [from_role: role2]	•		•
command: deploy_rule data:  from_role: role1 to_role: role2 proto: proto1 decision: allowed key: key0  command: set_flow data:  from: addr1 to: addr2 proto: proto1 decision: allowed key: key0  [from_role: role2]			
data:       data:         from_role: role1       from: addr1         to_role: role2       to: addr2         proto: proto1       proto: proto1         decision: allowed       decision: allowed         key: key0       [to_role: role1]          [from_role: role2]	•		
from_role: role1 to_role: role2 proto: proto1 decision: allowed key: key0  from: addr1 to: addr2 proto: proto1 decision: allowed [to_role: role1] [from_role: role2]			
to_role: role2  proto: proto1  decision: allowed  key: key0   to: addr2  proto: proto1  decision: allowed  fto_role: role1]  [from_role: role2]			
proto: proto1 decision: allowed key: key0  proto: proto1 decision: allowed fto_role: role1] [from_role: role2]	<del>_</del>		
decision: allowed decision: allowed key: key0 [to_role: role1]			
key: key0 [to_role: role1]			
[from_role: role2]			
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