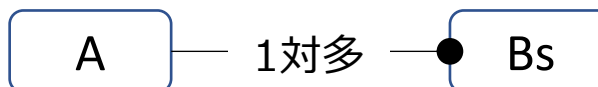


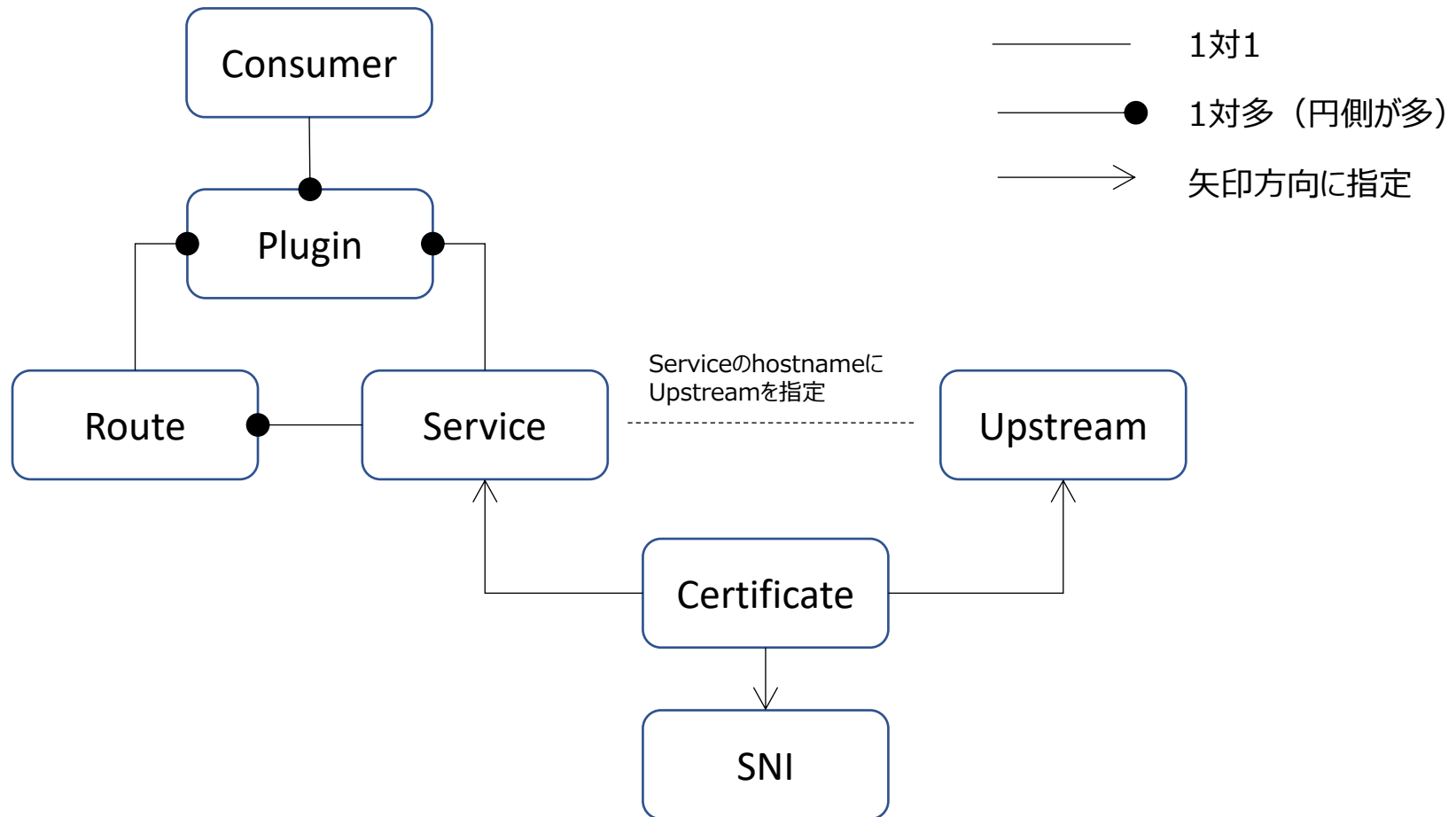
REST APIでのリソースへのアクセス表現

タイプ	メソッド	パス	説明
API1	POST	/resources	(Add)リストにリソースを追加する
API2	GET	/resources	(List)リソース情報のリストを取得する
API3		/resources/{id}	(Retrieve)リソース情報を取得する
API4	PATCH	/resources/{id}	(Update)リソース情報を更新する
API5	PUT	/resources/{name or id}	(Create)リソースを作成する or (Update)リソース情報を置換する
API6	DELETE	/resources/{id}	(Delete)リソースを削除する

1対多のリソースの場合



タイプ	メソッド	パス	説明
API7	POST	/As/{id}/Bs	(Add)リストにBを追加する
API8	GET	/As/{id}/Bs	(List)Bのリストを取得する
API9		/As/{id}/Bs/{id}	(Retrieve)B情報を取得する
API10	PATCH	/As/{id}/Bs/{id}	(Update)B情報を更新する
API11	PUT	/As/{id}/Bs/{name or id}	(Create)Bを作成する or (Update)B情報を置換する
API12	DELETE	/As/{id}/Bs/{id}	(Delete)Bを削除する
API13	GET	/Bs/{id}/A	(Retrieve)A情報を取得する
API14	PATCH	/Bs/{id}/A	(Update)A情報を更新する
API15	PUT	/Bs/{id}/A	(Update)A情報を置換する



Certificate

指定

Service

1対多

Route/Plugin

18個

名前	メソッド	パス	タイプ	ドキュメントURL
create-service	POST	/services	API1	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-service
list-all-services	GET		API2	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-services
retrieve-service		/services/{service name or id}	API3	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-service-1
update-service	API4		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-service-1	
create-or-update-service	PUT		API5	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-service
delete-service	DELETE		API6	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-service-1
create-service-associated-to-a-specific-certificate	POST	/certificates/{certificate name or id}/services	API7	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-service-associated-to-a-specific-certificate
list-services-associated-to-a-specific-certificate	GET	/certificates/{certificate id}/services/{service name or id}	API8	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-services-associated-to-a-specific-certificate
retrieve-service-associated-to-a-specific-certificate			API9	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-service-associated-to-a-specific-certificate
update-service-associated-to-a-specific-certificate	PATCH		API10	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-service-associated-to-a-specific-certificate
create-or-update-service-associated-to-a-specific-certificate	PUT		API11	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-service-associated-to-a-specific-certificate
delete-service-associated-to-a-specific-certificate	DELETE		API12	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-service-associated-to-a-specific-certificate
retrieve-service-associated-to-a-specific-route	GET	/routes/{route name or id}/service	API13	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-service-associated-to-a-specific-route
update-service-associated-to-a-specific-route	PATCH		API14	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-service-associated-to-a-specific-route
create-or-update-service-associated-to-a-specific-route	PUT		API15	https://docs.konghq.com/gateway/latest/admin-api/#create-or-update-service-associated-to-a-specific-route
retrieve-service-associated-to-a-specific-plugin	GET	/plugins/{plugin id}/service	API13	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-service-associated-to-a-specific-plugin
update-service-associated-to-a-specific-plugin	PATCH		API14	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-service-associated-to-a-specific-plugin
create-or-update-service-associated-to-a-specific-plugin	PUT		API15	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-service-associated-to-a-specific-plugin

Kong Admin APIを使ったKong学習ステップ案

1. docker-composeでKongを立ち上げる
2. Stoplight ElementをベースとしたKong Admin APIのOASを読み込むドキュメントを開いて、下記の順にtry itを試していく
3. Serviceを作成する
4. Consumerを作成し、ACLプラグインをルートと紐付ける
5. UpstreamとTargetを作成してServiceに紐づける
6. Certificateを作成し、Serviceと紐付ける

Service

1対多

Route

1対多

Plugin

15個

名前	メソッド	パス	タイプ	ドキュメントURL	
create-route	POST	/routes	API1	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-route	
list-all-routes	GET		API2	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-routes	
retrieve-route	PATCH	/routes/{route name or id}	API3	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-route-1	
update-route			API4	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-route-1	
create-or-update-route			PUT	API5	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-route
delete-route			DELETE	API6	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-route-1
create-route-associated-to-a-specific-service	POST	/services/{service name or id}/routes	API7	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-route-associated-to-a-specific-service	
list-routes-associated-to-a-specific-service	GET	/services/{service name or id}/routes/{route name or id}	API8	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-routes-associated-to-a-specific-service	
retrieve-route-associated-to-a-specific-service	PATCH		API9	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-route-associated-to-a-specific-service	
update-route-associated-to-a-specific-service			API10	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-route-associated-to-a-specific-service	
create-or-update-route-associated-to-a-specific-service			PUT	API11	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-route-associated-to-a-specific-service
delete-route-associated-to-a-specific-service			DELETE	API12	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-route-associated-to-a-specific-service
retrieve-route-associated-to-a-specific-plugin	GET	/plugins/{plugin id}/route	API13	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-route-associated-to-a-specific-plugin	
update-route-associated-to-a-specific-plugin	PATCH		API14	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-route-associated-to-a-specific-plugin	
create-or-update-route-associated-to-a-specific-plugin	PUT		API15	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-route-associated-to-a-specific-plugin	

名前	メソッド	パス	タイプ	ドキュメントURL
create-consumer	POST	/consumers	API1	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-consumer
list-all-consumers	GET		API2	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-consumers
retrieve-consumer			API3	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-consumer-1
update-consumer	PATCH	/consumers/{consumer username or id}	API4	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-consumer-1
create-or-update-consumer	PUT		API5	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-consumer
delete-consumer	DELETE		API6	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-consumer-1
retrieve-consumer-associated-to-a-specific-plugin	GET	/plugins/{plugin id}/consumer	API13	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-consumer-associated-to-a-specific-plugin
update-consumer-associated-to-a-specific-plugin	PATCH		API14	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-consumer-associated-to-a-specific-plugin
create-or-update-consumer-associated-to-a-specific-plugin	PUT		API15	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-consumer-associated-to-a-specific-plugin

名前	メソッド	パス	タイプ	ドキュメントURL
create-plugin	POST	/plugins	API1	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-plugin
list-all-plugins	GET		API2	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-plugins
retrieve-plugin	GET		API3	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-plugin-1
update-plugin	PATCH	/plugins/{plugin id}	API4	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-plugin-1
create-or-update-plugin	PUT		API5	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-plugin
delete-plugin	DELETE		API6	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-plugin-1
create-plugin-associated-to-a-specific-service	POST	/services/{service name or id}/plugins	API7	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-plugin-associated-to-a-specific-service
list-plugins-associated-to-a-specific-service	GET		API8	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-plugins-associated-to-a-specific-service
retrieve-plugin-associated-to-a-specific-service	GET	/services/{service name or id}/plugins/{plugin id}	API9	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-plugin-associated-to-a-specific-service
update-plugin-associated-to-a-specific-service	PATCH		API10	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-plugin-associated-to-a-specific-service
create-or-update-plugin-associated-to-a-specific-service	PUT		API11	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-plugin-associated-to-a-specific-service
delete-plugin-associated-to-a-specific-service	DELETE		API12	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-plugin-associated-to-a-specific-service
create-plugin-associated-to-a-specific-route	POST	/routes/{route name or id}/plugins	API7	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-plugin-associated-to-a-specific-route
list-plugins-associated-to-a-specific-route	GET		API8	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-plugins-associated-to-a-specific-route
retrieve-plugin-associated-to-a-specific-route	GET	/routes/{route name or id}/plugins/{plugin id}	API9	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-plugin-associated-to-a-specific-route
update-plugin-associated-to-a-specific-route	PATCH		API10	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-plugin-associated-to-a-specific-route
create-or-update-plugin-associated-to-a-specific-route	PUT		API11	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-plugin-associated-to-a-specific-route
delete-plugin-associated-to-a-specific-route	DELETE		API12	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-plugin-associated-to-a-specific-route
create-plugin-associated-to-a-specific-consumer	POST	/consumers/{consumer name or id}/plugins	API7	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-plugin-associated-to-a-specific-consumer
list-plugins-associated-to-a-specific-consumer	GET		API8	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-plugins-associated-to-a-specific-consumer
retrieve-plugin-associated-to-a-specific-consumer	GET	/consumers/{consumer username or id}/plugins/{plugin id}	API9	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-plugin-associated-to-a-specific-consumer
update-plugin-associated-to-a-specific-consumer	PATCH		API10	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-plugin-associated-to-a-specific-consumer
create-or-update-plugin-associated-to-a-specific-consumer	PUT		API11	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-plugin-associated-to-a-specific-consumer
delete-plugin-associated-to-a-specific-consumer	DELETE		API12	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-plugin-associated-to-a-specific-consumer

名前	メソッド	パス	タイプ	ドキュメントURL
create-certificate	POST	/certificates	API1	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-certificate
list-all-certificates	GET		API2	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-certificates
retrieve-certificate		/certificates/{certificate id}	API3	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-certificate-1
update-certificate	PATCH		API4	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-certificate-1
create-or-update-certificate	PUT		API5	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-certificate
delete-certificate	DELETE		API6	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-certificate-1
delete-certificate-associated-to-a-specific-upstream	DELETE	/upstreams/{upstream name or id}/client_certificate	API12	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-certificate-associated-to-a-specific-upstream
retrieve-certificate-associated-to-a-specific-upstream	GET		API13	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-certificate-associated-to-a-specific-upstream
update-certificate-associated-to-a-specific-upstream	PATCH		API14	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-certificate-associated-to-a-specific-upstream
create-or-update-certificate-associated-to-a-specific-upstream	PUT		API15	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-certificate-associated-to-a-specific-upstream

名前	メソッド	パス	タイプ	ドキュメントURL
create-ca-certificate	POST	/ca_certificates	API1	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-ca-certificate
list-all-ca-certificates	GET	/ca_certificates	API2	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-ca-certificates
retrieve-ca-certificate		/ca_certificates/{ca_certificate id}	API3	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-ca-certificate-1
update-ca-certificate	PATCH	/ca_certificates/{ca_certificate id}	API4	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-ca-certificate-1
create-or-update-ca-certificate	PUT	/ca_certificates/{ca_certificate id}	API5	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-ca-certificate
delete-ca-certificate	DELETE	/ca_certificates/{ca_certificate id}	API6	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-ca-certificate-1

KONG OSSでは対象外

名前	メソッド	パス	タイプ	ドキュメントURL
create-sni	POST	/snis	API1	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-sni
list-all-snis	GET		API2	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-snis
retrieve-sni		/snis/{sni name or id}	API3	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-sni-1
update-sni	API4		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-sni-1	
create-or-update-sni	API5		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-sni	
delete-sni	DELETE		API6	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-sni-1
create-sni-associated-to-a-specific-certificate	POST	/certificates/{certificate name or id}/snis	API7	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-sni-associated-to-a-specific-certificate
list-snis-associated-to-a-specific-certificate	GET		API8	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-snis-associated-to-a-specific-certificate
retrieve-sni-associated-to-a-specific-certificate		/certificates/{certificate id}/snis/{sni name or id}	API9	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-sni-associated-to-a-specific-certificate
update-sni-associated-to-a-specific-certificate	PATCH		API10	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-sni-associated-to-a-specific-certificate
create-or-update-sni-associated-to-a-specific-certificate	PUT		API11	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-sni-associated-to-a-specific-certificate
delete-sni-associated-to-a-specific-certificate	DELETE		API12	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-sni-associated-to-a-specific-certificate

名前	メソッド	パス	タイプ	ドキュメントURL
create-upstream	POST	/upstreams	API1	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-upstream
list-all-upstreams	GET		API2	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-upstreams
retrieve-upstream			API3	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-upstream-1
update-upstream	PATCH	/upstreams/{upstream name or id}	API4	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-upstream-1
create-or-update-upstream	PUT		API5	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-upstream
delete-upstream	DELETE		API6	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-upstream-1
create-upstream-associated-to-a-specific-certificate	POST	/certificates/{certificate name or id}/upstreams	API7	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-upstream-associated-to-a-specific-certificate
list-upstreams-associated-to-a-specific-certificate	GET		API8	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-upstreams-associated-to-a-specific-certificate
retrieve-upstream-associated-to-a-specific-certificate			API9	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-upstream-associated-to-a-specific-certificate
update-upstream-associated-to-a-specific-certificate	PATCH	/certificates/{certificate id}/upstreams/{upstream name or id}	API10	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-upstream-associated-to-a-specific-certificate
create-or-update-upstream-associated-to-a-specific-certificate	PUT		API11	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-upstream-associated-to-a-specific-certificate
delete-upstream-associated-to-a-specific-certificate	DELETE		API12	https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-upstream-associated-to-a-specific-certificate

Target Object

名前	メソッド	パス	ドキュメントURL
update-target	PATCH	/upstreams/{upstream name or id}/targets/{host:port or id}	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-target
Delete-target	DELETE		https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-target
set-target-address-as-healthy	PUT	/upstreams/{upstream name or id}/targets/{target or id}/{address}/healthy	https://docs.konghq.com/gateway/3.0.x/admin-api/#set-target-address-as-healthy
set-target-address-as-unhealthy	PUT	/upstreams/{upstream name or id}/targets/{target or id}/{address}/unhealthy	https://docs.konghq.com/gateway/3.0.x/admin-api/#set-target-address-as-unhealthy
set-target-as-healthy	PUT	/upstreams/{upstream name or id}/targets/{target or id}/healthy	https://docs.konghq.com/gateway/3.0.x/admin-api/#set-target-as-healthy
set-target-as-unhealthy	PUT	/upstreams/{upstream name or id}/targets/{target or id}/unhealthy	https://docs.konghq.com/gateway/3.0.x/admin-api/#set-target-as-unhealthy
list-all-targets	GET	/upstreams/{name or id}/targets/all/	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-targets

Tags

名前	メソッド	パス	ドキュメントURL
list-all-tags	GET	/tags	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-tags
list-entity-ids-by-tag	GET	/tags/{tags}	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-entity-ids-by-tag

Declarative Configuration

名前	メソッド	パス	ドキュメントURL
reload-declarative-configuration	POST	/config	https://docs.konghq.com/gateway/3.0.x/admin-api/#reload-declarative-configuration

Information Routes

名前	メソッド	パス	ドキュメントURL
retrieve-node-information	GET	/	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-node-information
validate-a-configuration-against-a-schema	POST	/schemas/{entity}/validate	https://docs.konghq.com/gateway/3.0.x/admin-api/#validate-a-configuration-against-a-schema
retrieve-entity-schema	GET	/schemas/{entity name}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-entity-schema
retrieve-plugin-schema	GET	/schemas/plugins/{plugin name}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-plugin-schema
validate-a-plugin-configuration-against-the-schema	POST	/schemas/plugins/validate	https://docs.konghq.com/gateway/3.0.x/admin-api/#validate-a-plugin-configuration-against-the-schema
retrieve-runtime-debugging-info-of-kongs-timers	POST	/timers	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-runtime-debugging-info-of-kongs-timers

Health Routes

名前	メソッド	パス	ドキュメントURL
retrieve-node-status	GET	/status	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-node-status

Vaults Entity

名前	メソッド	パス	ドキュメントURL
create-vault	POST	/vaults	https://docs.konghq.com/gateway/3.0.x/admin-api/#create-vault
list-all-vaults	GET		https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-vaults
retrieve-vault	GET	/vaults/{vault prefix or id}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-vault-1
update-vault	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-vault-1
create-or-update-vault	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-vault
delete-vault	DELETE		https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-vault-1