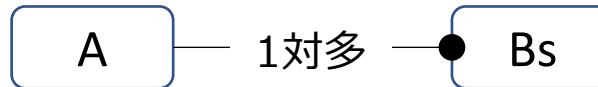


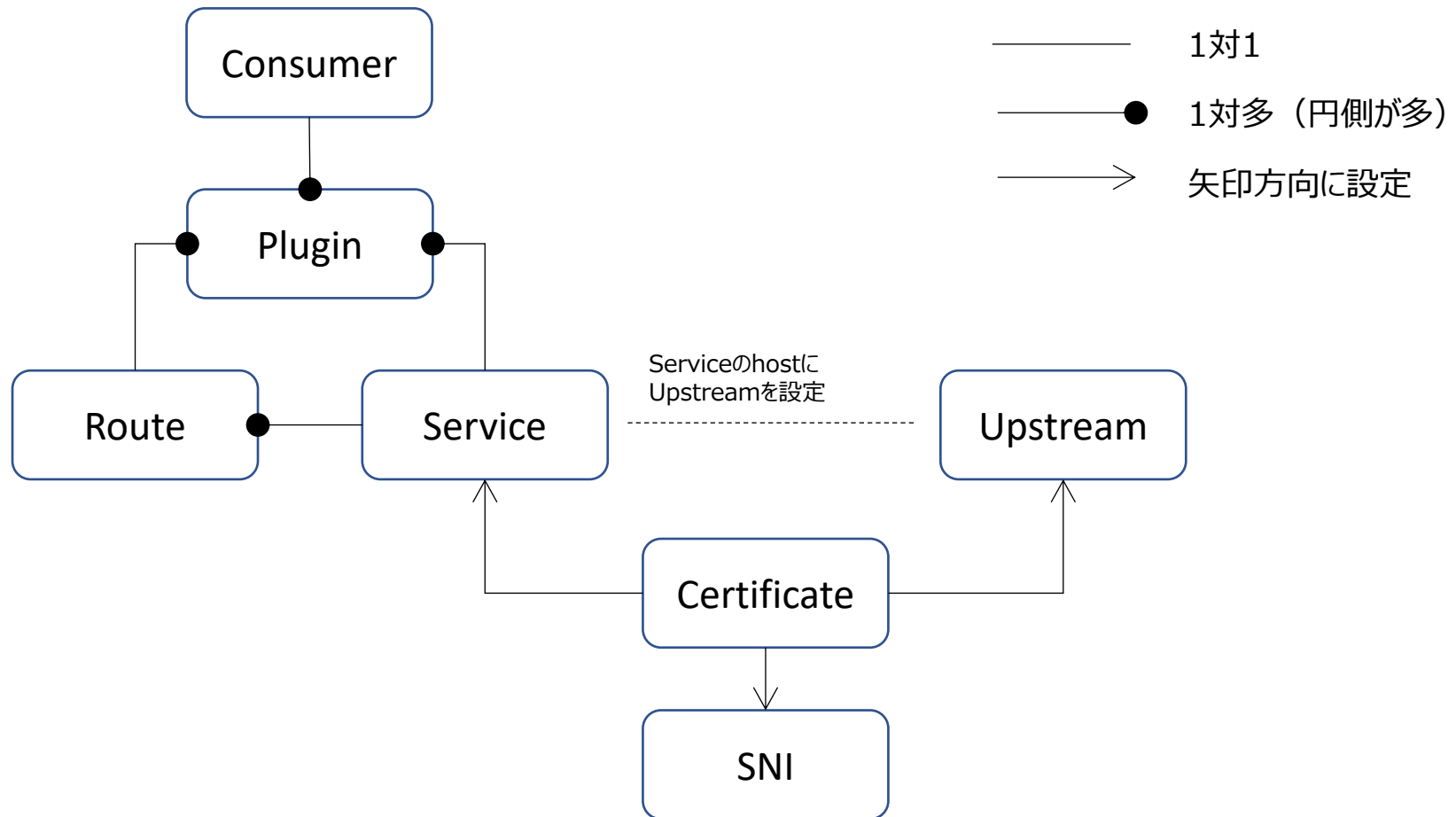
REST APIでのリソースへのアクセス表現

タイプ	メソッド	パス	説明
API1	GET	/resources	(List)リソース情報のリストを取得する
API2	POST	/resources	(Add)リストにリソースを追加する
API3	GET	/resources/{id}	(Retrieve)リソース情報を取得する
API4	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
API5	PATCH	/resources/{id}	(Update)リソース情報を更新する
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	GET	/As/{id}/Bs	(List)Bのリストを取得する
API8	POST	/As/{id}/Bs	(Add)リストにBを追加する
API9	GET	/As/{id}/Bs/{id}	(Retrieve)B情報を取得する
API10	PUT	/As/{id}/Bs/{name or id}	(Create)リストにBを作成する or (Update)B情報を置換する
API11	PATCH	/As/{id}/Bs/{id}	(Update)B情報を更新する
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	PUT	/Bs/{id}/A	(Update)A情報を置換する
API15	PATCH	/Bs/{id}/A	(Update)A情報を更新する



Certificate

指定

Service

1対多

Route/Plugin

18個

名前	メソッド	パス	ドキュメントURL
1-1_list-all-services	GET	/services	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-services
1-2_create-service	POST		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-service
1-3_retrieve-service	GET	/services/{service name or id}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-service-1
1-4_create-or-update-service	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-service
1-5_update-service	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-service-1
1-6_delete-service	DELETE		https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-service-1
1-7_list-services-associated-to-a-specific-certificate	GET	/certificates/{certificate name or id}/services	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-services-associated-to-a-specific-certificate
1-8_create-service-associated-to-a-specific-certificate	POST		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-service-associated-to-a-specific-certificate
1-9_retrieve-service-associated-to-a-specific-certificate	GET	/certificates/{certificate id}/services/{service name or id}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-service-associated-to-a-specific-certificate
1-10_create-or-update-service-associated-to-a-specific-certificate	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-service-associated-to-a-specific-certificate
1-11_update-service-associated-to-a-specific-certificate	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-service-associated-to-a-specific-certificate
1-12_delete-service-associated-to-a-specific-certificate	DELETE		https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-service-associated-to-a-specific-certificate
1-13_update-service-associated-to-a-specific-route	GET	/routes/{route name or id}/service	https://docs.konghq.com/gateway/3.0.x/admin-api/#update-service-associated-to-a-specific-route
1-14_retrieve-service-associated-to-a-specific-route	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-service-associated-to-a-specific-route
1-15_create-or-update-service-associated-to-a-specific-route	PATCH		https://docs.konghq.com/gateway/latest/admin-api/#create-or-update-service-associated-to-a-specific-route
1-16_retrieve-service-associated-to-a-specific-plugin	GET	/plugins/{plugin id}/service	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-service-associated-to-a-specific-plugin
1-17_create-or-update-service-associated-to-a-specific-plugin	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-service-associated-to-a-specific-plugin
1-18_update-service-associated-to-a-specific-plugin	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-service-associated-to-a-specific-plugin

Service

1対多

Route

1対多

Plugin

15個

名前	メソッド	パス	ドキュメントURL
2-1_list-all-routes	GET	/routes	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-routes
2-2_create-route	POST		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-route
2-3_retrieve-route	GET	/routes/{route name or id}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-route-1
2-4_create-or-update-route	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-route
2-5_update-route	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-route-1
2-6_delete-route	DELETE		https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-route-1
2-7_list-routes-associated-to-a-specific-service	GET	/services/{service name or id}/routes	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-routes-associated-to-a-specific-service
2-8_create-route-associated-to-a-specific-service	POST		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-route-associated-to-a-specific-service
2-9_retrieve-route-associated-to-a-specific-service	GET	/services/{service name or id}/routes/{route name or id}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-route-associated-to-a-specific-service
2-10_create-or-update-route-associated-to-a-specific-service	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-route-associated-to-a-specific-service
2-11_update-route-associated-to-a-specific-service	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-route-associated-to-a-specific-service
2-12_delete-route-associated-to-a-specific-service	DELETE		https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-route-associated-to-a-specific-service
2-13_retrieve-route-associated-to-a-specific-plugin	GET	/plugins/{plugin id}/route	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-route-associated-to-a-specific-plugin
2-14_create-or-update-route-associated-to-a-specific-plugin	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-route-associated-to-a-specific-plugin
2-15_update-route-associated-to-a-specific-plugin	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-route-associated-to-a-specific-plugin

名前	メソッド	パス	ドキュメントURL
3-1_list-all-consumers	GET	/consumers	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-consumers
3-2_create-consumer	POST		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-consumer
3-3_retrieve-consumer	GET	/consumers/{consumer username or id}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-consumer-1
3-4_create-or-update-consumer	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-consumer
3-5_update-consumer	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-consumer-1
3-6_delete-consumer	DELETE		https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-consumer-1
3-7_retrieve-consumer-associated-to-a-specific-plugin	GET	/plugins/{plugin id}/consumer	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-consumer-associated-to-a-specific-plugin
3-8_create-or-update-consumer-associated-to-a-specific-plugin	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-consumer-associated-to-a-specific-plugin
3-9_create-or-update-consumer-associated-to-a-specific-plugin	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-consumer-associated-to-a-specific-plugin

名前	メソッド	パス	ドキュメントURL
4-1_list-all-plugins	GET	/plugins	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-plugins
4-2_create-plugin	POST		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-plugin
4-3_retrieve-plugin	GET	/plugins/{plugin id}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-plugin-1
4-4_create-or-update-plugin	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-plugin
4-5_update-plugin	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-plugin-1
4-6_delete-plugin	DELETE		https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-plugin-1
4-7_list-plugins-associated-to-a-specific-service	GET	/services/{service name or id}/plugins	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-plugins-associated-to-a-specific-service
4-8_create-plugin-associated-to-a-specific-service	POST		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-plugin-associated-to-a-specific-service
4-9_retrieve-plugin-associated-to-a-specific-service	GET	/services/{service name or id}/plugins/{plugin id}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-plugin-associated-to-a-specific-service
4-10_create-or-update-plugin-associated-to-a-specific-service	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-plugin-associated-to-a-specific-service
4-11_update-plugin-associated-to-a-specific-service	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-plugin-associated-to-a-specific-service
4-12_delete-plugin-associated-to-a-specific-service	DELETE		https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-plugin-associated-to-a-specific-service
4-13_list-plugins-associated-to-a-specific-route	GET	/routes/{route name or id}/plugins	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-plugins-associated-to-a-specific-route
4-14_create-plugin-associated-to-a-specific-route	POST		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-plugin-associated-to-a-specific-route

名前	メソッド	パス	ドキュメントURL
4-15_retrieve-plugin-associated-to-a-specific-route	GET	/routes/{route name or id}/plugins/{plugin id}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-plugin-associated-to-a-specific-route
4-16_create-or-update-plugin-associated-to-a-specific-route	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-plugin-associated-to-a-specific-route
4-17_update-plugin-associated-to-a-specific-route	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-plugin-associated-to-a-specific-route
4-18_delete-plugin-associated-to-a-specific-route	DELETE		https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-plugin-associated-to-a-specific-route
4-19_list-plugins-associated-to-a-specific-consumer	GET	/consumers/{consumer name or id}/plugins	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-plugins-associated-to-a-specific-consumer
4-20_create-plugin-associated-to-a-specific-consumer	POST		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-plugin-associated-to-a-specific-consumer
4-21_retrieve-plugin-associated-to-a-specific-consumer	GET	/consumers/{consumer username or id}/plugins/{plugin id}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-plugin-associated-to-a-specific-consumer
4-22_create-or-update-plugin-associated-to-a-specific-consumer	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-plugin-associated-to-a-specific-consumer
4-23_update-plugin-associated-to-a-specific-consumer	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-plugin-associated-to-a-specific-consumer
4-24_delete-plugin-associated-to-a-specific-consumer	DELETE		https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-plugin-associated-to-a-specific-consumer

Kong Admin APIを使ったKong学習ステップ案

1. サービスを作成する(1-2_create-service)
2. 作成したサービスを確認する(1-1_list-all-services, 1-3_retrieve-service)
3. Consumerを作成し、ACLプラグインをルートと紐付ける
4. UpstreamとTargetを作成してServiceに紐づける
5. Certificateを作成し、Serviceと紐付ける

名前	メソッド	パス	ドキュメントURL
5-1_list-all-certificates	GET	/certificates	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-certificates
5-2_create-certificate	POST		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-certificate
5-3_retrieve-certificate	GET	/certificates/{certificate id}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-certificate-1
5-4_create-or-update-certificate	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-certificate
5-5_update-certificate	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-certificate-1
5-6_delete-certificate	DELETE		https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-certificate-1
5-7_retrieve-certificate-associated-to-a-specific-upstream	GET	/upstreams/{upstream name or id}/client_certificate	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-certificate-associated-to-a-specific-upstream
5-8_create-or-update-certificate-associated-to-a-specific-upstream	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-certificate-associated-to-a-specific-upstream
5-9_update-certificate-associated-to-a-specific-upstream	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-certificate-associated-to-a-specific-upstream
5-10_delete-certificate-associated-to-a-specific-upstream	DELETE		https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-certificate-associated-to-a-specific-upstream

名前	メソッド	パス	ドキュメントURL
6-1_list-all-snis	GET	/snis	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-snis
6-2_create-sni	POST		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-sni
6-3_retrieve-sni	GET	/snis/{sni name or id}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-sni-1
6-4_create-or-update-sni	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-sni
6-5_update-sni	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-sni-1
6-6_delete-sni	DELETE		https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-sni-1
6-7_list-snis-associated-to-a-specific-certificate	GET	/certificates/{certificate name or id}/snis	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-snis-associated-to-a-specific-certificate
6-8_create-sni-associated-to-a-specific-certificate	POST		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-sni-associated-to-a-specific-certificate
6-9_retrieve-sni-associated-to-a-specific-certificate	GET		https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-sni-associated-to-a-specific-certificate
6-10_create-or-update-sni-associated-to-a-specific-certificate	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-sni-associated-to-a-specific-certificate
6-11_update-sni-associated-to-a-specific-certificate	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-sni-associated-to-a-specific-certificate
6-12_delete-sni-associated-to-a-specific-certificate	DELETE		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	ドキュメントURL
7-1_list-all-upstreams	GET	/upstreams	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-all-upstreams
7-2_create-upstream	POST		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-upstream
7-3_retrieve-upstream	GET	/upstreams/{upstream name or id}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-upstream-1
7-4_create-or-update-upstream	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-upstream
7-5_update-upstream	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-upstream-1
7-6_delete-upstream	DELETE		https://docs.konghq.com/gateway/3.0.x/admin-api/#delete-upstream-1
7-7_list-upstreams-associated-to-a-specific-certificate	GET	/certificates/{certificate name or id}/upstreams	https://docs.konghq.com/gateway/3.0.x/admin-api/#list-upstreams-associated-to-a-specific-certificate
7-8_create-upstream-associated-to-a-specific-certificate	POST		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-upstream-associated-to-a-specific-certificate
7-9_retrieve-upstream-associated-to-a-specific-certificate	GET	/certificates/{certificate id}/upstreams/{upstream name or id}	https://docs.konghq.com/gateway/3.0.x/admin-api/#retrieve-upstream-associated-to-a-specific-certificate
7-10_create-or-update-upstream-associated-to-a-specific-certificate	PUT		https://docs.konghq.com/gateway/3.0.x/admin-api/#create-or-update-upstream-associated-to-a-specific-certificate
7-11_update-upstream-associated-to-a-specific-certificate	PATCH		https://docs.konghq.com/gateway/3.0.x/admin-api/#update-upstream-associated-to-a-specific-certificate
7-12_delete-upstream-associated-to-a-specific-certificate	DELETE		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

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