

Start

Client connects, server sends cert

Client accepts server cert?

yes

no

Server requests client cert.  
(TLS step one)

Client faults,  
server logs all it can  
(which isn't much)

Client sends cert

Client sends request  
including API key

REST Client exists  
with that API key?

no

yes

Raise 'invalid API key' alarm,  
return 401

Server version

$\geq 8.50$

$< 8.50$

Fingerprint on that  
REST Client?

Server ignores client certs?

no

yes

no

yes

Server allows clients  
with no key?

Client cert has  
matching fingerprint?

no

yes

yes

Raise 'incorrect fingerprint' alarm,  
return 401

Client item has IP restrictions,  
and the client does not meet them?

no

yes

Raise 'bad source IP' alarm,  
return 401

Client item is disabled  
(8.90 or later)?

no

yes

Return 4xx

Server has licence  
for requested operation?

no

yes

Return 403

Operator has privilege  
for requested operation?

no

yes

Return 403

Proceed to argument checks  
and execution