Configure GEL for Alteon with RestAPI

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5:35 PM

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**prerequisites**:

Alteon must be pre-configured with SNMP and DNS to be able to register with Vision and use GEL. DNS must use the management port.

/cfg/sys/access/ snmp w

/c/l3/dns/ prima x.y.z.w

/c/l3/dns/ secon x.y.z.w

/c/sys/mmgmt/ dns mgmt

For newer versions include:

/c/sys/gel/dns

        prima x.y.z.w

this document should come with the GEL Postman collection which includes 4 actions:

1. allocateAlteonLicence
   1. URL: <https://10.210.250.17:2189/api/runnable/Plugin/license/allocateAlteonLicense>
   2. Notifies GEL through the vDirect to Allocated the license, to make sure it worked run alteon status
2. removeAlteonLicence
   1. URL: https://10.210.250.17:2189/api/runnable/Plugin/license/removeAlteonLicense
   2. Notifies GEL through the vDirect to Remove the license, to make sure it worked run alteon status
3. alteonStatus
   1. URL: https://10.210.250.17:2189/api/runnable/Plugin/license/alteonStatus
   2. Checks the status of the alteon server
4. serverReport
   1. URL: https://10.210.250.17:2189/api/runnable/Plugin/license/serverReport
   2. Returns a JSON object which specifies all entitlement and their usage

All of there are executed with the following:

1. Action: POST
2. Authorization: Basic auth
3. Headers: Content-Type:application/json

\*\* there is a description on how to use each of the rest request in the postman collection

The workflow to configure/reconfigure should be:

1. Run serverReport
   1. From the response run GET on the “uri” that you receive
      1. Make sure success is set to true
      2. Make sure complete is set to true
   2. Under entitlement -> features -> "featureName": "throughput" object Extract the values of:
      1. featureCount (how much throughput this entitlement has)
      2. used (how much is currently used)
   3. make sure that the throughput that you are allocating is less than (featureCount – used)
2. Run allocateAlteonLicence
   1. From the response run GET on the “uri” that you receive
      1. Make sure success is set to true
      2. Make sure complete is set to true
3. Run alteonStatus
   1. From the response run GET on the “uri” that you receive
      1. Make sure success is set to true
      2. Make sure complete is set to true
   2. Make sure the throughput present is the throughput you allocated

The workflow to remove should be:

1. Run removeAlteonLicence
   1. From the response run GET on the “uri” that you receive
      1. Make sure success is set to true
      2. Make sure complete is set to true
2. Run alteonStatus
   1. From the response run GET on the “uri” that you receive
      1. Make sure success is set to true
      2. Make sure complete is set to true
   2. Make sure the throughput present is 1

The postman collection:

