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| **Link Number** | **Details** | **URI** | **Possible Usage Node** |
| 1 | Get policies from all tables or get policies from a specific table of a requested user. | /API/host\_policy?  id\_type=FQDN&  id\_value=hassaan.aalto.fi&  policy\_name=ID,Firewall | CES/DJANGO |
| 2 | Get all bootstrap policies or only the requested type of policies like IPSET, IPTABLES etc. | /API/host\_bootstrap/?  name=IPTABLES,IPSET | CES/DJANGO |
| 3 | Check for updates if any, Query sends a timestamp and server compares it with the stored values. If there is update then send all user policies of one specific table in which update has been done | Needs to be decided | CES |
| 4 | Retrieve a complete table to view all policies of a table | /API/host\_policy/Django/  { table\_name }/ | DJANGO |
| 5 | Get a complete user policy from all tables (Like step 1) ( Without policy\_name to retrieve all) | /API/host\_policy?  id\_type=FQDN&  id\_value=hassaan.aalto.fi | CES/DJANGO |
| 6 | Get All policies of one table for a user (Like step 1) | /API/host\_policy?  id\_type=FQDN&  id\_value=hassaan.aalto.fi&  policy\_name=Firewall | CES/DJANGO |
| 7 | Getting one row of one table in order to see a complete data for editing purpose | /API/host\_policy/Django/?  { table\_name } / 5 | DJANGO |
| 8 | Put request to edit a row, done on bases of ID. | /API/host\_policy/Django/  {table\_name}/5 | DJANGO |
| 9 | Delete from one table at a time but multiple rows can be deleted using either an integer or comma separated integers | /API/host\_policy/Django/  {table\_name}/5  (Needs to check if list of numbers is possible here or not) | DJANGO |
| 10 | Inserting a new row in table. One entry per request | /API/host\_policy/Django/  {table\_name} / | DJANGO |
| 11 | Call a function to send a DDNS request to server and also saves IP address against FQDN if required. | /API/host\_policy/login?  username=Hassaan&  password=1234567&  ip\_address=1.1.1.1 | DJANGO |

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| Insert in Bootstrap  (One per request) | Insert a new policy in bootstrap table | /API/host\_bootstrap/  ---Payload--- | DJANGO |
| delete from Bootstrap  (Many per request) | Delete policies from Bootstrap table. Either a number or comma separated numbers will be used to delete more than one policy in one request | /API/host\_bootstrap/  5  (Needs to check if list of numbers is possible here or not) | DJANGO |
| Update in Bootstrap  (One per request) | Update policy using ID of policy in parameter and sending updated policy as payload | /API/host\_bootstrap/  5  ---Payload--- | DJANGO |