1. RouterInterface::AddNewDevice

1.1 This method is provided for CrystalEyes,

1.2 Once a new dived is detected by CrystalEyes, CrystalEyes should call this function.

1.3 In this function, traffics from/to the new added device are blocked until Cloud side finish authentication

1.4 An “add\_device\_to\_user” HTTP POST are sent to could side for authentication.

(please refer to “API 调用说明.docx” for HTTP POST details)

1.5 Cloud side should process this “add\_device\_to\_user” POST, and send back authentication response code in the following queue reponse

2. RouterInterface::SendQueryRequest

2.1 This method is to query devices authentication status periodically.

2.2 Router send out HTTP GET to Cloud side to query device status

2.3 Cloud side send back response, mac address and new opCode are encapsulated in HTTP BODY.

2.4 Router::HandleIptables are called to change iptabales status.