

### **Control Exchange**

system\_simpleName system\_UID system\_domain

## **Auth Request**

security\_token\_type security token

### **Token Grant**

security\_token permission\_set HMAC

## **Negotiation Offer**

capabilities data\_model\* transport\_proto\* transport\_port\* publish Y/N

> subscribe (Y/N) P/S topic\*

filtering\_capability(?)

## **Negotiation Accept**

data\_model transport\_proto transport\_port publish (Y/N) subscribe (Y/N) P/S\_topic\* filter\_set

**Directory Request** primary\_key filter\_criteria logical\_combinator\* key

criteria security\_token permission\_set

**HMAC** 

## **Directory Response**

system\_list\* system\_tuple system\_UID system\_domain

## Data Exchange

system\_simpleName system UID system\_domain security\_token HMAC

## **System Announce**

system\_operatingsystem system\_operatingsystem\_major system\_operatingsystem\_minor system\_mobilitytype system\_primaryfunction

## Request

system\_simpleName system\_UID system\_domain fitler primary\_key filter\_criteria logical\_combinator\* key criteria

#### Response

Attribute Attribute

# IANA code points

system mobility type: desktop/stationary portable mobile

system primary function: general purpose - single user general purpose - multi user kiosk server mobile - telecom portable printer network - switch network - router **NIDS**