Create the initial Cassandra schema

Run the vhss\_initial\_schema.sh script after setting up a new Cassandra instance for C3PO Core. The current script is set up for C3PO Core, release 1.0x. Any updates to the schema during development will trigger changes to this script.

This script creates a new keyspace for vHSS and sets up the following required tables:

* vhss.users\_imsi
* vhss.mmeidentity
* vhss.mmeidentity\_host
* vhss.global\_ids

If the Cassandra instance has an existing keyspace, the script lets you choose whether to drop the existing keyspace or keep it. The script displays the following message: " WARNING: Dropping the keyspace will remove all of your existing data. Continue the drop action (yes/no)?"

* If no, the script does nothing to the keyspace.
* If yes, the script replaces the existing keyspace with a new one.

After your response, the script verifies whether the required tables exist.

**To run the script**

1. Copy the file to a directory on the Cassandra machine.
2. Run the script from that directory, replacing <*cassandra IP*> with your Cassandra IP address.

sudo ./vhss\_initial\_schema.sh <*cassandra IP*>

Upon completion, the script displays "The schema was successfully created or modified as requested."