

The SIPconnect 1.1 Certification Testing Program Primer



Robert Kinder, Co-Chair SC-IT
Tim Carlin, UNH-IOL

SIPconnect 1.1 Certification Testing

Key Goals and Milestones:

- ❖ Define what it means to be SIPconnect 1.1 Certified.
- ❖ Established a formal test plan and program to certify compliance.

Reference:

- ❖ SIPconnect Interoperability Certification (SC-IT) Task Group Charter: <http://www.sipforum.org/content/view/393/285/>

About the UNH-IOL

- ❖ The SIP Forum has contracted with the University of New Hampshire InterOperability Laboratory (UNH-IOL) to develop the program test tools and provide testing services. <https://www.iol.unh.edu/>
- ❖ UNH-IOL is a neutral, third-party laboratory dedicated to testing networking technologies.
- ❖ UNH-IOL provides a Digitally Signed Report that can be used by Vendors to apply for Certification.
- ❖ UNH-IOL has been working with the SIP Forum since March 2012.



SIPconnect Certification Testing Process

1. Contact SIP Forum Managing Director Marc Robins – marc.robins “at” sipforum.org and download and review the Certification Program documents at http://www.sipforum.org/component/option,com_docman/task,cat_view/gid,161/Itemid,261/.
2. Complete and Submit the Application Form.
3. Program Committee reviews the Application for product or service suitability to SIPconnect 1.1.
4. If approved, submit completed License Agreement to SIP Forum.
5. Review and sign IOL SIPconnect Test Service Agreement.
6. Invoice will be issued for the testing fee.
7. Countersigned License Agreement will be returned by SIP Forum once testing fee has been paid.
8. SIP Forum will notify UNH-IOL the vendor is approved for testing and vendor can then request an account activation.
9. SIP Forum and UNH-IOL will guide the vendor through next steps: NDA, technical requirements, facilities, optional practice runs, formal test scheduling, etc.

SIPconnect Certification Testing Process

(continued)

9. SIP Forum and UNH-IOL will guide the vendor through next steps:
NDA, technical requirements, facilities, optional practice runs, formal test scheduling, etc.
10. Practice Runs (Optional)
 - Remote and on-site test tool access for practice testing.
11. UNH-IOL conducts the product or service testing.
 - 1 to 2 week test cycle expected.
12. UNH-IOL Test Report is released to the vendor.
 - Signed Adobe .pdf format for authenticity.
 - UNH-IOL will review the results with the vendor.
13. Vendor may:
 - a. Share the Test Report with the SIP Forum Certification Committee review and possible certification decision.
 - b. Implement fixes and schedule a retest at no charge within 6 months for up to 10% of the failed test cases.
 - c. Decide to not share the Test Report with the SIP Forum and do nothing.

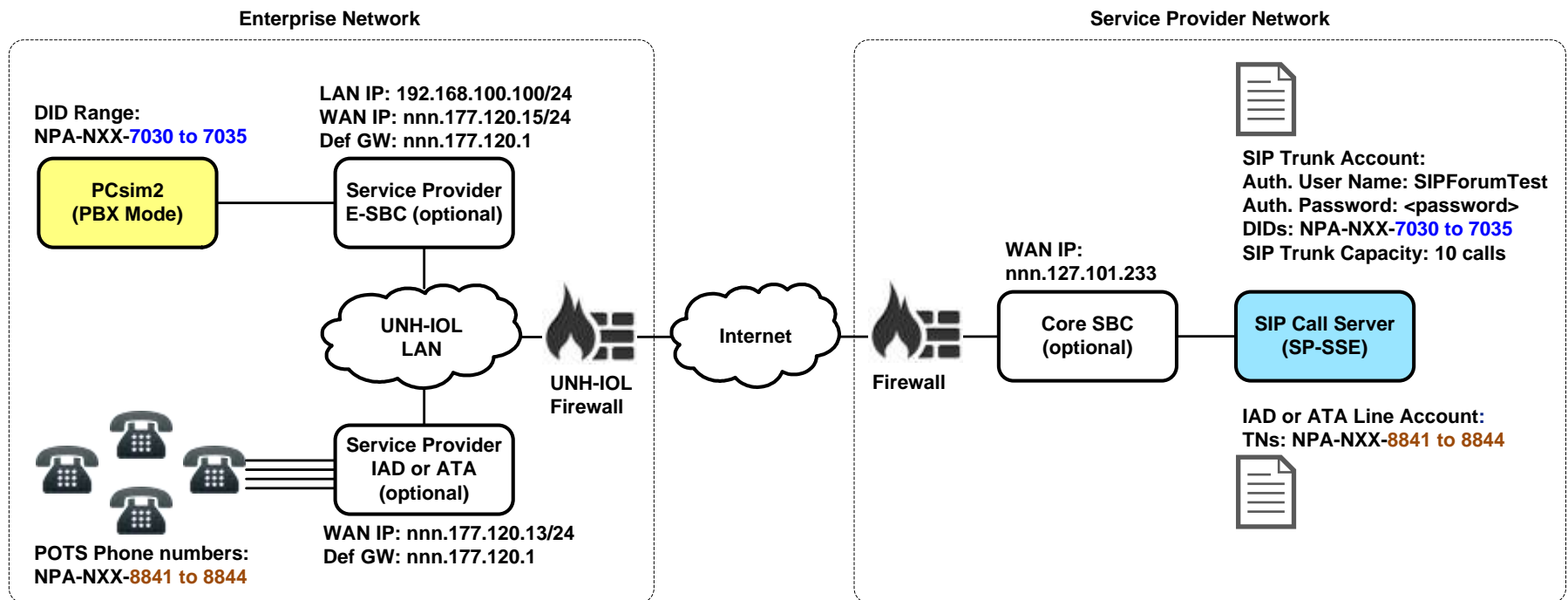
SIPconnect Certification Testing Process

(continued)

14. SIP Forum Certification Committee will review the Test Report (if provided by vendor) for a compliance decision.
 - Certification Committee is composed of 7 to 10 volunteers from the SIP Forum membership. Exact number may vary but limited size to facilitate decision making.
 - Decisions will be made in a fair and consistent basis.
 - If a vendor fails to achieve certification the reasons will be explained.
15. The SIP Forum will announce Certified Products/Services only at the request of the vendor upon license activation.
 - The SIP Forum will not share individual test reports.
 - Anonymized aggregate data may be reported from time to time for market analysis.

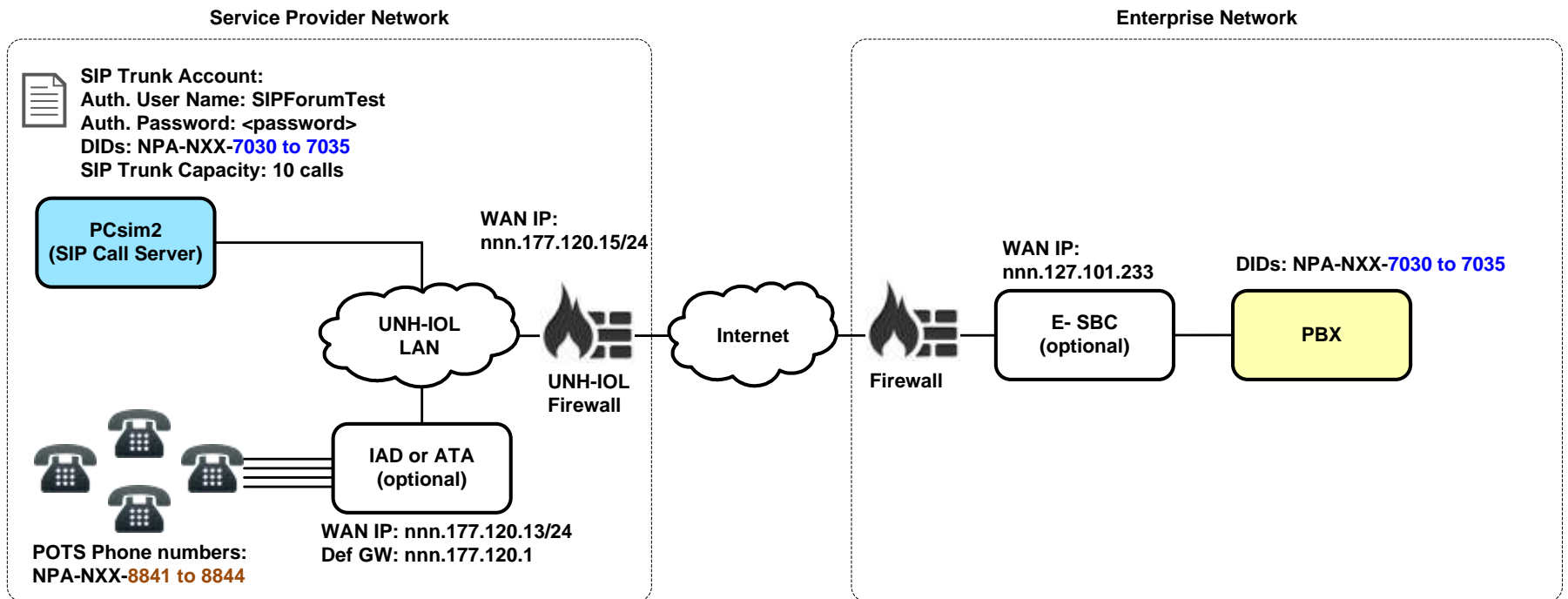
SIP Trunk Test Network Example

- ❖ SIP Trunk Service Provider remote lab testing over the Internet.
- ❖ IAD/ATA provides POTS lines to simulate PSTN destinations on a “closed” lab network environment.



PBX Test Network Example

- ❖ PBX remote lab testing over the Internet.
 - Optionally may install the PBX at UNH-IOL for on-site testing, too.
- ❖ IAD or ATA used for POTS lines to simulate PSTN endpoints.



SIPconnect 1.1 Certification Testing Founding Sponsor Program

- ❖ Paid \$7500 sponsorship to help fund the development and ongoing operation of the SIPconnect 1.1 Certification Program.
- ❖ Benefits include:
 - Exclusive \$5,000 price for testing with 3 year term including continuous recognition of support, and benefits will carry over to subsequent program updates (i.e. SIPconnect 2.0) if they fall within the 3-year term
 - Standard rate is \$7,500 for SIP Forum Full Members for 2 year term.
 - Non-full member rate is \$10,000 for 2 year term.
 - Priority Scheduling of Tests
 - Exclusive Promotional Activities
 - Can be renewed
 - Contact Marc Robins at [marc.robins "at" sipforum.org](mailto:marc.robins@sipforum.org) for more information.