

VIPR

draft-petithuguenin-vipr-reload-usage-02

draft-petithuguenin-vipr-pvp-01

draft-petithuguenin-vipr-sip-antispam-01

draft-petithuguenin-p2psip-proportional-quota-01

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RELOAD Usage: AppAttach

The document now clarifies that PVP runs over a connection created by a RELOAD AppAttach message.

The document now contains a Application-ID for early implementations.

RELOAD Usage: VIPR- REGISTRATION Kind

The structure of the data stored in the RELOAD overlay now use the same description language than other RELOAD Usage, but is still binary compatible.

The dictionary key is now binary instead of text based. This is not compatible with older versions.

The document now contains a Kind-ID for early implementations.

RELOAD Usage: Access Control Policy

The document now contains a formal definition of the control access policy and IANA registration.

The example section shows an example of implementation.

RELOAD Usage: Proportional Quota

The quota mechanism in VIPR could be used for other Kinds, so it was moved to a separate draft that was presented this morning in the WG session.

The quota mechanism is now basically a RELOAD extension, but if there is no support from the P2PSIP WG on this in the next month, the document content will be moved back into the VIPR usage document.

The StorageQuota parameter is replaced by the max-count parameter.

RELOAD Usage: Configuration

The Store Rate Limit parameter, and the associated algorithm were moved from the -vap draft to this document.

```
<kind name="VIPR-REGISTRATION"  
  xmlns:quota="urn:ietf:params:xml:ns:p2p:quota"  
  xmlns:vipr="urn:ietf:params:xml:ns:p2p:vipr">  
  <data-model>DICTIONARY</data-model>  
  <access-control>VIPR-MATCH</access-control>  
  <max-count>10000</max-count>  
  <max-size>20</max-size>  
  <vipr:store-rate-limit>20</vipr:store-rate-limit>  
  <quota:max-count-per-type>SIGNER</quota:max-count-per-type>  
</kind>
```

The document now contains a namespace for early implementations.

RELOAD Usage: Voting mechanism

The document now specifies that the VIPR server must retrieve the 3 copies of the registration and will use the registration that appears at least two times.

RELOAD Usage: PeerID Shim

Because certificates with multiple Node-IDs is now fully specified in the RELOAD document since draft-p2psip-base-12, there is no longer any need for this shim, which was removed from the document.

PVP: Modifications

The document now clarifies that PVP runs over a connection created by a RELOAD AppAttach message.

Made clear that terminating VCRs for a remote destination that was successfully validated should not be removed until the standard 48 hours delay. This is to account for validation requests coming from different PSTN providers.

SIP Antispam: Modifications

The X-Cisco-Vipr-Ticket header was renamed Vipr-Ticket.

IANA considerations for registration of this header.

Next: Split -overview and -vap

The -overview document contains more than just overview and requirements.

The -vap document contains information essential to the VIPR server, but VAP should be a standalone protocol.

Plan to release mid-September a new document merging part of -overview and -vap (draft-petithuguenin-vipr-base).

Next: Removing VIPR registrations

Currently VIPR registration are not removed in the overlay, but let to expire.

Is there a need to explicitly remove them?

The proposal is to say that VIPR servers **MAY** remove the registration (as there is nothing that can prevent it anyway).

Next: Generic Ticket?

Having a cryptographic ticket in SIP looks like a good idea, independently of the method used to generate it.

Should the ticket mechanism submitted as a separate draft to DISPATCH at the next meeting?

It would be moved back to the VIPR drafts if there is no support at the meeting.

Next: Enrollment process

This is probably the first time that a global overlay will be deployed, even if it has some similarity with DNS.

Who should sign the configuration document?

How the bootstrap servers will be managed?

Who will issue the certificates?

Next: Reference implementation

A reference implementation of the RELOAD Usage is already available.

A reference implementation of PVP and SIP Antispam will be available for the next meeting, under the same licensing terms.

Conclusions

Adoption by WG or is it too early?

Questions?