

Troubleshooting Kamailio DNS settings

Problem

VoipNow 3, which by default has DNS caching enabled, comes with a different version of Kamailio.

The problem is that, in some situations, customers manually set an IP and a Hostname in `/etc/hosts`.

This hostname may be used **either** when configuring a SIP trunk or to specify the location of a PBX behind an extension.

If this was done, then VoipNow 3 won't parse `/etc/hosts` and that channel will remain unregistered.

Requirements for 4PSA VoipNow 3 installation

In VoipNow 3 `/etc/kamailio/kamailio.cfg` contains a setting called: `use_dns_cache`, which by default is set to "yes". This means that all DNS request results will be cached.

Also note that if enabled, `/etc/hosts` will be completely bypassed and all requests will be go directly to the system configured (`/etc/resolv.conf`) dns server. This implies that the Nameservers set in `/etc/resolv.conf` should be able to resolve properly the channel hostname.

By setting `use_dns_cache` to "no" the server running kamailio will do the name resolving (and use `/etc/hosts` also).

It is recommended in production servers to have: `use_dns_cache=yes`

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