

Abstract

One of the software that is used as a VoIP server and has cheaper cost, higher reliability, easy to use, and interoperability device that has been supporting a lot of hardware is that the Asterisk IP PBX.

From the various advantages and benefits that can be obtained, Asterisk had not present without weakness. One of the weaknesses of the asterisk is the dialplan configuration that is extension.conf. many users of Asterisk who also work as a programmer think that the configuration is considered to be complex and take time to learn. Finally, many of the alternative configuration has been created, such as AEL (asterisk Extension Language). AEL still not come as programming languages and still be a Asterisk dialplan configuration simplification. It is then necessary to configure the new system, one of which is ACoP. ACoP is Asterisk dialplan configuration with the Perl programming language, where language is more known by the programmer. This ACoP will be compred with AEL to obtained the best way or an alternative in the new configuration on the asterisk.

From the Analysis we can get that ACoP more better in simplicity than AEL but have flaw in data processing where time process and preparation is too slow. But it still can be an alternative and can be developed to facilitate configuration of asterisk dialplan.

Keywords: asterisk, VoIP, dialplan configuration, extension.conf, AEL, ACoP.