

## ABSTRACT

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*Exchange of digital data today through cyberspace has already thrive fast. So security become one of the primary needs in cyberspace. One of security method which good and safe is Encryption. In this research performs implementations one of Public key Infrastructure component it is Certificate Authority that works for issues digital certificate which can be used for protect user data. Enterprise Java Beans Certificate Authority will be implemented into server, later will be use for Issuing digital certificate. Digital certificate that have been issued will be integrated into virtual host or website which uses SSL.*

*Keywords: Enterprise Java Beans Certificate Authority, Public key Infrastructure, Encryption, Website, SSL*