A Novel Approach for Handling Security in Cloud Computing Services

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Abstract

The rapid advances in cloud computing has introduced a variety of security issues; each requires certain skills and knowledge. While developing business services requires conducting analysis and design for the business activities that does not include common security functions for these services. Currently there is no framework existing from the logical level for securely orchestrating of cloud services in a heterogeneous environment. We are addressing in the paper a clear separation of concerns between the "business logic" and the "security logic"; in order for any service implementing the proposed security service to be considered a high level secured service in terms of access and communication in order for it to be widely used and acceptable. A development model is proposed to write secured services without burdening the developer of continuously rewriting security routines.

References

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Service. IEEE.

Index Terms

Computer Science Security

Keywords

Java authentication authorization Service