

Analisis tingkat kematangan service-oriented architecture berbasiskan the open group service integration maturity model: studi kasus pada PT. Bank XYZ = Analysis of service oriented architecture maturity level based on the open group service integration maturity model: case study in PT. Bank XYZ / Faisal

Faisal, author

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Abstrak

[ABSTRAK

Service Oriented Architecture SOA merupakan salah satu penerapan infrastruktur TI untuk mendapatkan infrastruktur yang adaptif SOA memungkinkan suatu organisasi untuk menerapkan proses bisnis yang fleksibel dan lincah Namun sayangnya seringkali perusahaan menerapkan SOA dengan harapan yang berlebih dan tidak disertai dengan pengukuran keberhasilan Sejak diimplementasikan pada tahun 2008 penerapan SOA di Bank XYZ belum pernah dievaluasi Seiring dengan semakin tingginya penggunaan service sebagai pondasi infrastruktur TI di Bank XYZ maka semakin penting untuk mengukur tingkat kematangan SOA Penelitian ini menggunakan OSIMM yaitu sebuah metode penilaian yang menggunakan kuesioner Hasil penelitian ini menunjukkan Bank XYZ berada pada tingkat dua atau integrated Berdasarkan hasil penelitian dua rekomendasi telah disusun beserta langkah langkahnya untuk mencapai tingkat kematangan yang diharapkan Rekomendasi pertama adalah memenuhi tingkat dasar service foundation levels dengan memperbaiki tingkat kematangan dimensi dimensi terlemah menjadi tingkat tiga componentized Rekomendasi kedua adalah memperbaiki dimensi dimensi terkuat menjadi tingkat lima atau composite services.

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ABSTRACT

Service Oriented Architecture SOA is one of IT infrastructure implementation in order to gain adaptive infrastructure SOA enables an organization to implement flexible and agile business processes But unfortunately companies are often implement SOA with excessive expectations and without considering any measurements of success rate Since it rsquo s initial implementation in 2008 Bank XYZ 39 s SOA has never been evaluated The increasing use of services resulted in a growing importance of doing the SOA maturity assessment This research uses OSIMM which is an assessment method that use a questionnaire The result of this research shows that Bank XYZ 39 s maturity level is at level two or integrated There are two recommendations based on the assessment result Each recommendation consist of specific steps to achieve the desired maturity level The first recommendation is fulfilling the service foundation levels by improving the weakest dimensions to level three componentized The second recommendation is improving the strongest dimensions to level five composite services , Service Oriented Architecture SOA is one of IT infrastructure implementation in order to gain adaptive infrastructure SOA enables an organization to implement flexible and agile business processes But unfortunately companies are often implement SOA with excessive expectations and without considering any measurements of success rate Since it rsquo s initial implementation in 2008 Bank XYZ 39 s SOA has never been evaluated The increasing use of services resulted in a growing importance of doing the SOA maturity assessment This research uses OSIMM which

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