

Perancangan disaster recovery plan studi kasus kementerian komunikasi dan informatika = Designing of disaster recovery plan a case study of ministry of communications and information technology

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Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20405150&lokasi=lokal>

Abstrak

[Meningkatnya pemanfaatan teknologi informasi dan komunikasi TIK di lingkungan Kementerian Komunikasi dan Informatika Kemkominfo menuntut ketersediaan layanan TIK yang diberikan seperti aplikasi persuratan dan aplikasi perkantoran Untuk itu Kemkominfo harus semakin menyadari akan pentingnya fungsi TIK sebagai salah satu aset penting yang harus dijaga keberlangsungannya. Salah satu cara yang dapat dilakukan adalah dengan menyusun Disaster Recovery Planning DRP. DRP diperlukan untuk meminimalkan dampak risiko dan mengoptimalkan proses pemulihan bila terjadi sesuatu yang menyebabkan TIK tidak berfungsi sebagaimana mestinya.

Penelitian ini bertujuan menyusun rencana kontingensi untuk Kemkominfo dengan menggunakan standar yang dikeluarkan NIST. NIST SP 800 34 Rev 1 Framework ini mempunyai beberapa tahapan yang harus dilakukan hingga menghasilkan rencana kontingensi yang sesuai dengan kondisi organisasi. Dalam membuat rencana kontingensi perlu melakukan dampak analisis bisnis sehingga dari sana dapat ditentukan tingkat kritikal sistem informasi yang ada Hasil yang didapat dari penelitian ini berupa usulan rencana kontingensi sebagai masukan untuk Kemkominfo.

The increasing use of information and communication technology ICT in the Ministry of Communications and Information Technology Kemkominfo requires the availability of ICT services provided such as mailing applications and office applications. Therefore Kemkominfo should be aware with the importance of ICT functions as one of the most important assets that must be kept maintained especially to overcome the effects of disasters which possibly occur in Indonesia. Therefore MCIT needs to establish a solid Disaster Recovery Planning DRP. DRP is important to minimize the impact of risk and to optimize the recovery process if something cause ICT not to work properly.

The purpose of this research is to develop a contingency plan for Kemkominfo using standards issued by NIST NIST SP 800 34 Rev 1 This framework has several steps that should be done to produce a contingency plan that appropriate with the conditions of the organization In the making of contingency plan it is needed to perform business impact analysis so that we can determine the priority level of critical information systems The results of this research is a proposed contingency plan to Kemkominfo.

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