

Faktor-faktor yang diperlukan untuk perancangan data center yang bisa bertumbuh dan sesuai untuk PT Kinerja Indonesia = Factors required for data center design that can grow and according to PT Kinerja Indonesia

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Abstrak

[ABSTRAK

Seiring dengan pesatnya perkembangan teknologi informasi dan internet dewasa ini membawa perkembangan bisnis di segala bidang termasuk juga bagi penyedia jasa permainan rsquo game online rsquo Agar bisa melayani pelanggannya dengan baik dengan tingkat ketersediaan yang tinggi diperlukan data center yang memiliki tingkat kehandalan yang baik Selain itu dengan berkembangnya bisnis penyewaan data center perusahaan juga berinisiatif untuk berinvestasi dalam pembangunan data center ini Karena investasi yang besar untuk pembangunan data center maka diperlukan perancangan data center yang bisa bertumbuh sesuai dengan kepentingan perusahaan atau organisasi termasuk didalamnya kepentingan bisnis dan ekonomi Untuk itu diperlukan penelitian yang mendalam tentang faktor faktor yang diperlukan dalam perancangan data center yang bisa bertumbuh dan sekaligus juga sesuai bagi kebutuhan spesifik perusahaan Metodologi yang digunakan dalam pembuatan karya tulis ini adalah diawali oleh studi literatur untuk mendapatkan seluruh faktor termasuk seluruh opsinya untuk bisa merancang data center yang bisa bertumbuh Kemudian menyusunnya agar bisa didiskusikan dalam bentuk wawancara dan diskusi kelompok kepada lebih 9 orang ahli data center yang meliputi ahli perancangan data center para ahli sekaligus praktisi pembuat data center dan ahli sekaligus pengguna data center Dari hasil masukan wawancara dan diskusi kelompok Focus Group Discussion dengan peserta ahli data center penulis melakukan analisis Pros Cons kepada faktor faktornya termasuk opsi yang memungkinkan data center bisa bertumbuh untuk perusahaan yang dimaksud analisis Pros Cons ini mengelompokkan semua faktor tersebut ke dalam kategori untuk kemudian dirangkum dan disajikan kepada pihak perusahaan dalam rangka validasi hasil yang merupakan hasil final karya akhir ini Hasil finalisasi yang diharapkan bisa digunakan untuk perusahaan sebagai strategi pembangunan data centernya yang bisa bertumbuh dan sesuai dengan kebutuhan perusahaan Disamping itu juga hasilnya ini bisa menjadi bahan acuan bagi perancang data center lainnya tentang faktor faktor yang penting dalam perancangan data center yang bisa bertumbuh

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ABSTRACT

Along with the rapid development of information technology and the Internet today bringing business development in all areas including the game for service providers 39 online games 39 In order to serve its customers well with a high degree of availability the necessary data center that has a good level of reliability Moreover with the development of data center rental business the company also took the initiative to invest in the construction of this data center Because of a large investment for the construction of data centers it is necessary to design a data center that can grow in accordance with the interests of the company or organization including business and economic interests It required in depth research into the factors that are needed in the design of the data center that can grow and also according to the specific needs of the

company The methodology used to create this thesis is preceded by a study of the literature to obtain all the factors including the option to be able to design the entire data center that could grow Then arrange them in order to be discussed in the form of interviews and group discussions to over 9 expert data center which includes data center design experts the experts at the same data center practitioners and experts maker and user of the data center From the feedback interviews and group discussions Focus Group Discussion with participants of data center experts the authors conducted a Pros Cons analyst to the factors including the option that allows data centers can grow to the company in question the Pros Cons analysis is to group all of these factors into categories for then summarized and presented to the company in order to validate the results of the final results of this thesis Finalization of the expected results can be used for enterprise data center as a development strategy that can grow and in accordance with company requirements Besides it is also the result of this could be a reference for data center designers other important factors in the design of the data center that could grow , Along with the rapid development of information technology and the Internet today bringing business development in all areas including the game for service providers 39 online games 39 In order to serve its customers well with a high degree of availability the necessary data center that has a good level of reliability Moreover with the development of data center rental business the company also took the initiative to invest in the construction of this data center Because of a large investment for the construction of data centers it is necessary to design a data center that can grow in accordance with the interests of the company or organization including business and economic interests It required in depth research into the factors that are needed in the design of the data center that can grow and also according to the specific needs of the company The methodology used to create this thesis is preceded by a study of the literature to obtain all the factors including the option to be able to design the entire data center that could grow Then arrange them in order to be discussed in the form of interviews and group discussions to over 9 expert data center which includes data center design experts the experts at the same data center practitioners and experts maker and user of the data center From the feedback interviews and group discussions Focus Group Discussion with participants of data center experts the authors conducted a Pros Cons analyst to the factors including the option that allows data centers can grow to the company in question the Pros Cons analysis is to group all of these factors into categories for then summarized and presented to the company in order to validate the results of the final results of this thesis Finalization of the expected results can be used for enterprise data center as a development strategy that can grow and in accordance with company requirements Besides it is also the result of this could be a reference for data center designers other important factors in the design of the data center that could grow]