

Analisa pengukuran unjuk kerja jaringan GSM di area cluster 98 = The analysis of measurement GSM network performance in cluster 98

Mohamad Ali Subhan, author

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Abstrak

Unjuk kerja GSM Cluster dapat diketalui i dengan pengukurun parameter unjuk kerja meialui OMC (Operation Maintenance Centre). Pada penulisan skripsi ini penulis melakukan pengukuran unjuk kerja jaringan GSM di area Cluster 98 meialui titik pandang pelanggan. yaitu metode drive test. Pengukuran hanya dibatasi pada pelayanan voice atau CS64. Hasil penaukuran dengan drive test dianalisis parameter-parameter unjuk kerjanya dan dibandingkan dengan data statistik OSS.

Penurunan perforinansi dan kelemahan yang timbul pada jaringan GSM cluster ini dapat diketaluii dari hasil analisa pengukuran sehingga dapat dioptimasi agar unjuk kerjanya tetap terpelihara dengan baik. Hasil pengukuran unjuk kerja GSM cluster 98 digunakan sebagai masukan bagi operator mengantisipasi pertumbuhan pelanggan dan menentukan kebijakan-kebijakan dalam operasional, perencanaan, dan peningkatkan kualitas pelayanan.

.....GSM cluster performance can be determined with measuremeni of pei rornumee parameters through OMC (Operation Maintenance Centre). On this final project the authors performed measurements of the performance of the GSM network in the area of Cluster 98 through the customer's point of view; the method of drive test. Measurement is only limited to voice services or CS64. results of measurements with drive test parameters were analyzed and compared their performance statistics OSS.

Decrease in performance and the resulting weakness in the GSM network can be known from this cluster analysis so that measurements can be optimized so that their performance is maintained properly. The results of performancce ineasurement GSM cluster 98 is used as insert for GSM operators to subscriber growth anticipated performance and determine the operational policies, planninu. and improvement quality of service.