ABSTRACT

Server Monitoring System Using SNMP

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Servers are the main components of computer network systems that function to provide a service to users or, commonly referred to as, clients. The activities and operational services of a server to the client in its application consist of so many processes to fulfill all client requests that are sent to the server. A system is needed that is capable of monitoring all activities within the server so that the administrator (operator) can monitor and detect if there are problems with the server being used. The focus of this research is to build a server monitoring system with notification system and activator service features automatically. The development of these two features can help administrators to perform server maintenance, with additional uniqueness, that system can perform automation activate service if it detects a service that is not working. Outputs from this final project can also provide network activity information to web-based and notifications in the status of up time system, ethernet status, and server services status.

Keywords : Server, Monitoring System, SNMP, Server Services

Libraries   : 22
Publication years   : 2002 - 2018