

Cyber Security Portal for Effective Management of Servers and Firewalls

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Abstract: The project is an innovative endeavour that tackles the difficulties associated with overseeing heterogeneous servers inside the digital ecosystem. It suggests the creation of a single, centralized interface for the real-time monitoring and management of firewall configurations, security, and server health on diverse platforms. With an all-inclusive platform, administrators may take proactive measures against new threats by integrating firewall settings seamlessly, detecting security risks, streamlining server management, and providing administrators with actionable intelligence. Beyond traditional server management, the proposed system offers a centralized hub for effective, safe, and straightforward administrative server management in multi-server environments. It increases the overall effectiveness of server administration by reducing difficulties with server management and establishing the groundwork for a strong and resilient digital infrastructure that can adjust to changing cyber security threats

Keywords: knowledge, effectiveness of information booklet, hypertension, lifestyle modification